

# North Carolina: 2002

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## 2002 Economic Census

*Manufacturing*

Geographic Area Series



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## 2002 Economic Census

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#### Geographic Area Series



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# Introduction to the Economic Census

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

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

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

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

## **INDUSTRY CLASSIFICATIONS**

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

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

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

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

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## **RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS**

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

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

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

## **BASIS OF REPORTING**

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

## **GEOGRAPHIC AREA CODING**

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

## **AVAILABILITY OF ADDITIONAL DATA**

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

## **HISTORICAL INFORMATION**

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

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

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

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

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

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

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

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



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# Manufacturing

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## SCOPE

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

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

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

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

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

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

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

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

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

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

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

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

## REPORTS

The following reports provide statistics on this sector:

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

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

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## Subject Series:

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

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

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

## GEOGRAPHIC AREAS COVERED

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

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

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

## **DOLLAR VALUES**

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

All dollar values are shown in thousands of dollars.

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

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

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

## **RELIABILITY OF DATA**

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

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

## **DISCLOSURE**

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

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

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

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

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

## **CONTACTS FOR DATA USERS**

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

## **ABBREVIATIONS AND SYMBOLS**

The following abbreviations and symbols are used with these data:

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

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

# Table 1. Industry Statistics for the State: 2002

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NORTH CAROLINA</b>													
31-33	Manufacturing .....	1	10 762	3 975	623 333	20 647 572	472 229	927 354	13 046 853	87 355 207	69 444 611	156 821 943	4 428 770
311	Food manufacturing .....	1	554	218	56 250	1 499 041	42 924	86 773	968 939	6 640 413	6 716 519	13 313 555	309 735
3111	Animal food manufacturing .....	1	58	29	1 501	48 340	976	1 960	29 378	247 124	814 786	1 059 758	19 101
31111	Animal food manufacturing ....	1	58	29	1 501	48 340	976	1 960	29 378	247 124	814 786	1 059 758	19 101
311111	Dog and cat food manufacturing .....	-	3	1	c	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing .....	1	55	28	g	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling .....	1	27	11	878	37 447	636	1 328	24 001	160 453	809 658	962 312	13 738
31121	Flour milling and malt manufacturing .....	1	19	6	459	16 144	319	685	9 979	50 577	153 259	204 008	3 800
311211	Flour milling .....	1	19	6	459	16 144	319	685	9 979	50 577	153 259	204 008	3 800
31122	Starch and vegetable fats and oils manufacturing .....	1	8	5	419	21 303	317	643	14 022	109 876	656 399	758 304	9 938
311225	Fats and oils refining and blending .....	3	3	2	c	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing .....	-	13	2	315	9 591	281	531	7 586	26 793	26 220	53 379	D
31134	Nonchocolate confectionery manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	26	15	3 411	96 279	2 963	6 045	72 487	1 096 041	513 493	1 608 753	34 645
31141	Frozen food manufacturing ....	-	6	4	873	16 247	822	1 532	13 455	98 047	66 479	164 509	2 150
311412	Frozen specialty food manufacturing .....	-	6	4	873	16 247	822	1 532	13 455	98 047	66 479	164 509	2 150
31142	Fruit and vegetable canning, pickling, and drying .....	-	20	11	2 538	80 032	2 141	4 513	59 032	997 994	447 014	1 444 244	32 495
311421	Fruit and vegetable canning ..	-	15	7	g	D	D	D	D	D	D	D	D
311422	Specialty canning .....	-	4	4	g	D	D	D	D	D	D	D	21 762
3115	Dairy product manufacturing .....	4	18	9	1 208	36 270	773	1 560	18 462	191 570	468 514	663 089	15 534
31151	Dairy product (except frozen) manufacturing .....	4	12	8	1 061	32 119	661	1 355	15 955	177 740	447 532	628 379	14 822
311511	Fluid milk manufacturing ....	4	9	8	1 029	31 199	635	1 303	15 279	175 077	438 177	616 616	14 443
31152	Ice cream and frozen dessert manufacturing .....	-	6	1	147	4 151	112	205	2 507	13 830	20 982	34 710	712
311520	Ice cream and frozen dessert manufacturing .....	-	6	1	147	4 151	112	205	2 507	13 830	20 982	34 710	712
3116	Animal slaughtering and processing .....	1	142	76	32 678	749 655	28 804	59 384	593 479	2 846 564	3 042 995	5 862 502	137 198
31161	Animal slaughtering and processing .....	1	142	76	32 678	749 655	28 804	59 384	593 479	2 846 564	3 042 995	5 862 502	137 198
311611	Animal (except poultry) slaughtering .....	-	58	20	7 737	189 820	6 729	14 448	149 700	498 981	1 261 708	1 746 341	57 341
311612	Meat processed from carcasses .....	3	43	21	3 360	90 606	2 794	5 453	65 902	387 054	211 162	598 400	D
311613	Rendering and meat byproduct processing .....	-	9	7	585	21 287	246	583	7 413	86 488	47 316	134 055	D
311615	Poultry processing .....	-	32	28	20 996	447 942	19 035	38 900	370 464	1 874 041	1 522 809	3 383 706	47 761
3117	Seafood product preparation and packaging .....	3	19	5	397	6 331	296	503	4 059	14 851	33 440	48 314	D
31171	Seafood product preparation and packaging .....	3	19	5	397	6 331	296	503	4 059	14 851	33 440	48 314	D
311712	Fresh and frozen seafood processing .....	3	18	5	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	1	173	44	12 848	414 520	6 093	11 724	165 425	1 364 706	569 490	1 934 946	55 689
31181	Bread and bakery product manufacturing .....	-	155	36	6 864	201 182	3 375	5 890	85 765	889 539	315 923	1 208 256	28 021
311811	Retail bakeries .....	3	103	11	778	11 405	410	547	5 804	24 485	11 412	35 106	1 333
311812	Commercial bakeries .....	-	45	21	4 969	160 231	2 006	3 423	57 757	757 782	227 174	987 606	21 014
311813	Frozen cakes, pies, and other pastries manufacturing .....	-	7	4	1 117	29 546	959	1 920	22 204	107 272	77 337	185 544	5 674
31182	Cookie, cracker, and pasta manufacturing .....	3	13	6	i	D	D	D	D	D	D	D	27 481
311821	Cookie and cracker manufacturing .....	3	8	4	5 383	197 094	2 214	4 776	67 357	436 997	219 508	654 488	D
31183	Tortilla manufacturing .....	1	5	2	f	D	D	D	D	D	D	D	187
311830	Tortilla manufacturing .....	1	5	2	f	D	D	D	D	D	D	D	187
3119	Other food manufacturing .....	2	78	27	3 014	100 608	2 102	3 738	54 062	692 311	437 923	1 120 502	29 594
31191	Snack food manufacturing ....	-	11	7	1 376	40 601	1 059	1 948	27 708	474 401	211 797	685 685	14 853
311911	Roasted nuts and peanut butter manufacturing .....	2	5	4	c	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing .....	-	6	3	g	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing ..	8	6	2	e	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing .....	8	6	2	e	D	D	D	D	D	D	D	D





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

NAICS code	Geographic area and industry	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>NORTH CAROLINA—Con.</b>													
315	Apparel manufacturing .....	1	498	245	35 384	752 442	29 001	55 847	541 089	2 362 352	2 230 153	4 619 512	74 599
3151	Apparel knitting mills .....	1	235	135	23 168	520 640	19 305	38 386	382 494	1 435 559	1 218 116	2 685 255	45 639
31511	Hosiery and sock mills .....	1	199	112	19 155	421 195	16 072	31 803	313 647	1 082 476	833 141	1 936 978	39 183
315111	Shear hosiery mills .....	1	61	35	6 377	133 588	5 565	10 718	103 880	330 333	295 826	659 086	13 628
315119	Other hosiery and sock mills ..	1	138	77	12 778	287 607	10 507	21 085	209 767	752 143	537 315	1 277 892	25 555
31519	Other apparel knitting mills ..	—	36	23	4 013	99 445	3 233	6 583	68 847	353 083	384 975	748 277	6 456
315191	Outerwear knitting mills .....	—	32	19	2 553	62 547	2 114	4 272	44 821	186 805	200 287	391 536	3 045
315192	Underwear and nightwear knitting mills .....	—	4	4	1 460	36 898	1 119	2 311	24 026	166 278	184 688	356 741	3 411
3152	Cut and sew apparel manufacturing .....	2	214	99	11 180	206 356	8 872	15 911	142 527	872 324	946 519	1 815 144	28 686
31521	Cut and sew apparel contractors .....	2	131	43	2 581	42 878	2 278	3 880	32 532	107 509	22 666	131 364	D
315211	Men's and boys' cut and sew apparel contractors .....	1	41	18	1 273	23 229	1 085	1 837	16 722	74 249	8 060	82 487	D
315212	Women's, girls', and infants' cut and sew apparel contractors .....	3	90	25	1 308	19 649	1 193	2 043	15 810	33 260	14 606	48 877	458
31522	Men's and boys' cut and sew apparel manufacturing .....	5	45	30	5 299	99 413	4 242	8 124	76 633	322 799	402 073	716 812	D
315221	Men's and boys' cut and sew underwear and nightwear manufacturing .....	6	4	3	203	4 675	176	360	3 293	20 714	24 559	48 367	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing .....	7	24	18	1 642	32 309	1 190	2 120	18 801	211 663	259 916	467 550	2 970
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
315228	Men's and boys' cut and sew other outerwear manufacturing .....	—	9	5	2 007	31 750	1 521	2 626	27 003	82 101	46 419	120 244	D
31523	Women's and girls' cut and sew apparel manufacturing .....	—	26	22	2 723	54 286	1 973	3 291	27 883	413 167	498 237	915 434	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	—	10	9	1 743	37 131	1 148	2 176	16 325	378 727	476 258	859 277	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing .....	—	5	5	e	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing .....	4	9	7	441	10 328	358	685	7 035	24 681	14 049	38 338	D
31529	Other cut and sew apparel manufacturing .....	5	12	4	577	9 779	379	616	5 479	28 849	23 543	51 534	D
315291	Infants' cut and sew apparel manufacturing .....	3	4	2	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing .....	8	7	2	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing .....	5	49	11	1 036	25 446	824	1 550	16 068	54 469	65 518	119 113	274
31599	Apparel accessories and other apparel manufacturing .....	5	49	11	1 036	25 446	824	1 550	16 068	54 469	65 518	119 113	274
315992	Glove and mitten manufacturing .....	9	9	4	264	5 238	242	444	4 606	9 298	12 020	21 273	55
315999	Other apparel accessories and other apparel manufacturing .....	4	33	5	644	17 741	476	949	9 980	40 387	50 484	90 088	199
316	Leather and allied product manufacturing .....	5	40	13	1 421	34 704	1 161	2 205	25 016	65 624	87 615	155 232	D
3161	Leather and hide tanning and finishing .....	8	11	2	e	D	D	D	D	D	D	D	D
31611	Leather and hide tanning and finishing .....	8	11	2	e	D	D	D	D	D	D	D	D
316110	Leather and hide tanning and finishing .....	8	11	2	e	D	D	D	D	D	D	D	D
3162	Footwear manufacturing .....	1	8	6	609	14 642	485	967	9 164	28 353	34 470	66 876	437
31621	Footwear manufacturing .....	1	8	6	609	14 642	485	967	9 164	28 353	34 470	66 876	437
316211	Rubber and plastics footwear manufacturing .....	—	1	1	c	D	D	D	D	D	D	D	D
316213	Men's footwear (except athletic) manufacturing .....	—	3	2	c	D	D	D	D	D	D	D	D
316219	Other footwear manufacturing .....	9	3	2	c	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing .....	6	21	5	e	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing .....	6	21	5	e	D	D	D	D	D	D	D	D
316991	Luggage manufacturing .....	9	4	2	183	2 980	138	235	2 067	6 770	1 769	8 550	D
321	Wood product manufacturing .....	1	785	330	29 430	849 584	24 293	48 053	618 108	1 975 144	2 985 692	4 932 306	114 353
3211	Sawmills and wood preservation ..	1	226	80	5 732	181 897	5 024	10 542	149 879	409 887	882 159	1 286 459	32 395
32111	Sawmills and wood preservation .....	1	226	80	5 732	181 897	5 024	10 542	149 879	409 887	882 159	1 286 459	32 395
321113	Sawmills .....	1	198	70	5 326	170 136	4 710	9 910	142 661	385 760	773 492	1 153 370	30 603
321114	Wood preservation .....	1	28	10	406	11 761	314	632	7 218	24 127	108 667	133 089	1 792

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>NORTH CAROLINA—Con.</b>													
321 3212	Wood product manufacturing—Con. Veneer, plywood, and engineered wood product manufacturing . . . .	—	120	84	8 068	254 234	6 561	13 632	181 394	639 937	970 916	1 602 742	35 963
32121	Veneer, plywood, and engineered wood product manufacturing . . . . .	—	120	84	8 068	254 234	6 561	13 632	181 394	639 937	970 916	1 602 742	35 963
321211	Hardwood veneer and plywood manufacturing . . . .	1	54	33	2 786	74 182	2 428	4 900	56 366	164 977	237 780	402 100	7 716
321212	Softwood veneer and plywood manufacturing . . . .	—	7	6	1 077	39 127	959	2 164	33 557	86 120	123 543	207 145	1 241
321213	Engineered wood member (except truss) manufacturing . . . . .	—	2	2	e	D	D	D	D	D	D	D	D
321214	Truss manufacturing . . . . .	2	37	23	g	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing . . . . .	—	20	20	2 132	77 060	1 663	3 468	52 075	281 693	424 956	703 347	22 568
3219	Other wood product manufacturing . . . . .	2	439	166	15 630	413 453	12 708	23 879	286 835	925 320	1 132 617	2 043 105	45 995
32191	Millwork . . . . .	2	202	68	5 268	146 007	4 427	8 630	106 657	385 960	504 754	877 964	20 643
321911	Wood window and door manufacturing . . . . .	4	29	9	817	24 421	663	1 317	17 617	71 303	108 201	179 449	2 533
321912	Cut stock, resawing lumber, and planing . . . . .	2	82	33	1 995	49 033	1 738	3 430	38 645	100 636	137 987	236 558	3 768
321918	Other millwork (including flooring) . . . . .	—	91	26	2 456	72 553	2 026	3 883	50 395	214 021	258 566	461 957	14 342
32192	Wood container and pallet manufacturing . . . . .	2	100	43	3 085	67 269	2 500	4 708	46 876	124 152	133 283	254 495	7 363
321920	Wood container and pallet manufacturing . . . . .	2	100	43	3 085	67 269	2 500	4 708	46 876	124 152	133 283	254 495	7 363
32199	All other wood product manufacturing . . . . .	2	137	55	7 277	200 177	5 781	10 541	133 302	415 208	494 580	910 646	17 989
321991	Manufactured home (mobile home) manufacturing . . . . .	2	27	20	4 417	118 530	3 540	6 295	79 704	222 422	312 262	536 946	4 871
321992	Prefabricated wood building manufacturing . . . . .	3	35	15	1 371	39 842	1 023	2 052	25 735	84 061	95 098	177 192	4 351
321999	All other miscellaneous wood product manufacturing . . . . .	1	75	20	1 489	41 805	1 218	2 194	27 863	108 725	87 220	196 508	8 767
322	Paper manufacturing . . . . .	2	204	154	21 198	878 726	16 169	33 187	589 977	2 629 676	2 984 119	5 581 508	183 748
3221	Pulp, paper, and paperboard mills . . . . .	4	20	15	5 557	305 742	4 220	9 126	223 168	1 112 267	905 261	2 002 979	64 769
32211	Pulp mills . . . . .	—	2	2	f	D	D	D	D	D	D	D	D
322110	Pulp mills . . . . .	—	2	2	f	D	D	D	D	D	D	D	D
32212	Paper mills . . . . .	3	11	7	3 912	215 278	2 951	6 416	157 070	743 033	623 288	1 356 716	39 998
322121	Paper (except newsprint) mills . . . . .	3	11	7	3 912	215 278	2 951	6 416	157 070	743 033	623 288	1 356 716	39 998
32213	Paperboard mills . . . . .	8	7	6	g	D	D	D	D	D	D	D	D
322130	Paperboard mills . . . . .	8	7	6	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing . . . . .	—	184	139	15 641	572 984	11 949	24 061	366 809	1 517 409	2 078 858	3 578 529	118 979
32221	Paperboard container manufacturing . . . . .	—	110	91	10 456	375 393	7 975	16 188	242 334	962 202	1 372 462	2 326 517	74 665
322211	Corrugated and solid fiber box manufacturing . . . . .	—	64	51	5 196	187 429	3 740	7 562	108 539	542 438	753 423	1 294 994	36 773
322212	Folding paperboard box manufacturing . . . . .	—	28	25	3 103	119 662	2 430	5 018	84 875	267 024	296 944	563 445	26 933
322213	Setup paperboard box manufacturing . . . . .	—	5	4	981	25 058	820	1 702	16 288	47 718	39 839	87 508	D
322214	Fiber can, tube, drum, and similar products manufacturing . . . . .	—	10	8	607	20 485	490	976	14 142	50 463	43 455	93 831	D
322215	Nonfolding sanitary food container manufacturing . . . . .	—	3	3	569	22 759	495	930	18 490	54 559	238 801	286 739	8 340
32222	Paper bag and coated and treated paper manufacturing . . . . .	—	34	21	3 329	135 315	2 514	4 850	83 753	389 118	463 463	847 689	37 843
322222	Coated and laminated paper manufacturing . . . . .	—	19	13	1 306	45 317	993	1 779	27 132	165 227	214 214	372 081	8 784
322223	Plastics, foil, and coated paper bag manufacturing . . . . .	9	1	1	c	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing . . . . .	—	5	4	460	13 979	376	780	9 647	37 660	38 837	76 318	1 310
322225	Laminated aluminum foil manufacturing for flexible packaging uses . . . . .	—	4	2	g	D	D	D	D	D	D	D	D
322226	Surface-coated paperboard manufacturing . . . . .	—	3	1	c	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing . . . . .	—	13	9	811	27 440	599	1 282	15 320	94 254	140 990	232 218	3 284
322231	Die-cut paper and paperboard office supplies manufacturing . . . . .	—	6	3	247	7 498	190	401	4 419	46 581	89 707	133 780	2 736
322232	Envelope manufacturing . . . . .	—	4	3	374	11 233	305	712	8 026	24 685	20 393	45 318	120
322233	Stationery, tablet, and related product manufacturing . . . . .	—	3	3	190	8 709	104	169	2 875	22 988	30 890	53 120	428
32229	Other converted paper product manufacturing . . . . .	2	27	18	1 045	34 836	861	1 741	25 402	71 835	101 943	172 105	3 187
322291	Sanitary paper product manufacturing . . . . .	—	5	3	290	11 235	242	499	8 576	16 014	21 520	37 974	D
322299	All other converted paper product manufacturing . . . . .	3	22	15	755	23 601	619	1 242	16 826	55 821	80 423	134 131	D
323	Printing and related support activities . . . . .	1	1 036	188	17 279	581 868	12 625	24 192	372 097	1 416 290	901 958	2 311 589	95 462

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NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NORTH CAROLINA—Con.</b>													
323	Printing and related support activities—Con.												
3231	Printing and related support activities .....	1	'1 036	'188	'17 279	'581 868	'12 625	'24 192	'372 097	'1 416 290	'901 958	'2 311 589	'95 462
32311	Printing .....	1	'953	'163	'15 904	'536 512	'11 542	'22 349	'343 047	'1 329 108	'882 667	'2 205 268	'89 490
323110	Commercial lithographic printing .....	1	'423	'83	'7 755	'283 112	'5 596	'10 886	'183 292	'666 303	'490 244	'1 157 949	'59 164
323111	Commercial gravure printing .....	1	8	1	226	9 502	154	265	4 789	19 446	18 578	37 275	D
323112	Commercial flexographic printing .....	2	37	13	790	29 204	558	1 174	17 493	79 224	87 227	166 240	3 105
323113	Commercial screen printing .....	3	147	23	2 436	63 890	1 854	3 599	41 233	125 081	94 328	217 013	4 797
323114	Quick printing .....	4	185	5	1 013	29 468	680	1 184	17 675	68 155	25 121	93 231	D
323115	Digital printing .....	—	33	10	934	35 167	694	1 363	23 755	80 483	47 073	126 392	4 896
323116	Manifold business forms printing .....	—	24	12	921	30 046	635	1 330	19 936	142 693	59 075	198 448	3 313
323117	Books printing .....	3	15	5	941	24 893	782	1 544	18 624	77 342	21 320	98 508	5 096
323118	Blankbook, looseleaf binders, and devices manufacturing .....	2	6	2	163	4 253	118	211	2 295	10 496	6 895	17 626	248
323119	Other commercial printing .....	2	75	9	725	26 977	471	793	13 955	59 885	32 806	92 586	3 639
32312	Support activities for printing .....	2	83	25	1 375	45 356	1 843	1 843	29 050	87 182	19 291	106 321	5 972
323121	Tradebinding and related work .....	3	39	14	835	20 637	699	1 107	13 253	35 835	7 874	43 360	1 817
323122	Prepress services .....	2	44	11	540	24 719	384	736	15 797	51 347	11 417	62 961	4 155
324	Petroleum and coal products manufacturing .....	—	47	8	816	38 903	598	1 330	26 293	183 161	265 485	448 871	D
3241	Petroleum and coal products manufacturing .....	—	47	8	816	38 903	598	1 330	26 293	183 161	265 485	448 871	D
32412	Asphalt paving, roofing, and saturated materials manufacturing .....	—	41	6	698	33 280	550	1 235	24 614	160 096	232 962	392 874	17 745
324121	Asphalt paving mixture and block manufacturing .....	1	34	3	227	8 433	187	348	6 923	33 245	79 643	112 998	D
324122	Asphalt shingle and coating materials manufacturing .....	—	7	3	471	24 847	363	887	17 691	126 851	153 319	279 876	D
32419	Other petroleum and coal products manufacturing .....	1	6	2	118	5 623	48	95	1 679	23 065	32 523	55 997	D
324191	Petroleum lubricating oil and grease manufacturing .....	—	5	2	c	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	416	187	38 239	1 755 536	24 661	48 494	946 108	18 794 434	8 003 567	26 824 490	833 498
3251	Basic chemical manufacturing .....	2	73	32	5 514	310 634	3 661	7 548	181 817	1 040 163	1 267 333	2 346 416	73 640
32511	Petrochemical manufacturing .....	4	2	2	f	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing .....	4	2	2	f	D	D	D	D	D	D	D	D
32512	Industrial gas manufacturing .....	1	18	4	c	D	D	D	D	D	D	D	D
325120	Industrial gas manufacturing .....	1	18	4	c	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing .....	—	10	6	f	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing .....	—	9	5	533	28 471	334	683	16 174	167 472	190 421	373 882	7 451
32518	Other basic inorganic chemical manufacturing .....	4	18	7	2 499	148 788	1 740	3 539	93 518	241 557	213 163	467 593	17 268
325188	All other basic inorganic chemical manufacturing .....	4	18	7	2 499	148 788	1 740	3 539	93 518	241 557	213 163	467 593	17 268
32519	Other basic organic chemical manufacturing .....	—	25	13	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing .....	—	24	13	1 602	85 114	916	1 664	37 702	348 309	422 971	783 427	28 711
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	1	45	32	5 671	231 980	4 450	9 472	162 282	877 040	1 035 018	1 904 948	71 199
32521	Resin and synthetic rubber manufacturing .....	1	32	20	2 027	95 979	1 472	3 067	61 320	435 454	521 912	954 984	47 531
325211	Plastics material and resin manufacturing .....	1	27	19	1 942	90 951	1 426	2 974	58 746	422 200	502 946	921 842	D
32522	Artificial and synthetic fibers and filaments manufacturing .....	1	13	12	3 644	136 001	2 978	6 405	100 962	441 586	513 106	949 964	23 668
325222	Noncellulosic organic fiber manufacturing .....	1	13	12	3 644	136 001	2 978	6 405	100 962	441 586	513 106	949 964	23 668
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing .....	—	39	10	1 566	72 059	1 086	2 496	47 879	267 771	380 049	654 530	52 315
32531	Fertilizer manufacturing .....	—	26	7	1 359	60 626	963	2 248	42 273	230 940	330 522	567 480	D
325312	Phosphatic fertilizer manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing .....	1	22	5	e	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing .....	2	13	3	207	11 433	123	248	5 606	36 831	49 527	87 050	D
325320	Pesticide and other agricultural chemical manufacturing .....	2	13	3	207	11 433	123	248	5 606	36 831	49 527	87 050	D
3254	Pharmaceutical and medicine manufacturing .....	—	55	37	14 551	678 358	8 822	16 291	331 336	12 590 870	3 268 569	15 836 875	514 202

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

NAICS code	Geographic area and industry	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>NORTH CAROLINA—Con.</b>													
325	Chemical manufacturing—Con.												
3254	Pharmaceutical and medicine manufacturing—Con.												
32541	Pharmaceutical and medicine manufacturing .....	—	55	37	14 551	678 358	8 822	16 291	331 336	12 590 870	3 268 569	15 836 875	514 202
325411	Medicinal and botanical manufacturing .....	—	10	6	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	30	21	10 430	468 883	6 871	12 482	251 242	11 479 761	2 556 934	14 106 191	368 177
325413	In-vitro diagnostic substance manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	—	12	8	2 898	142 948	1 435	2 789	57 148	943 936	513 801	1 356 013	128 910
3255	Paint, coating, and adhesive manufacturing .....	1	55	26	2 365	104 209	1 291	2 581	43 837	430 023	421 606	855 478	26 660
32551	Paint and coating manufacturing .....	1	35	16	1 774	73 811	1 033	2 056	34 375	338 866	359 451	701 553	24 036
325510	Paint and coating manufacturing .....	1	35	16	1 774	73 811	1 033	2 056	34 375	338 866	359 451	701 553	24 036
32552	Adhesive manufacturing .....	—	20	10	591	30 398	258	525	9 462	91 157	62 155	153 925	2 624
325520	Adhesive manufacturing .....	—	20	10	591	30 398	258	525	9 462	91 157	62 155	153 925	2 624
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	2	69	24	5 875	239 160	3 918	7 475	133 888	3 221 487	999 512	4 220 416	75 620
32561	Soap and cleaning compound manufacturing .....	1	56	17	1 988	94 058	893	1 850	33 286	272 064	296 407	567 171	32 977
325611	Soap and other detergent manufacturing .....	1	26	7	1 271	60 317	513	1 034	17 437	183 155	181 938	367 406	5 315
325612	Polish and other sanitation good manufacturing .....	1	14	4	305	11 417	121	252	3 214	29 395	27 742	57 605	735
325613	Surface active agent manufacturing .....	2	16	6	412	22 324	259	564	12 635	59 514	86 727	142 160	26 927
32562	Toilet preparation manufacturing .....	3	13	7	3 887	145 102	3 025	5 625	100 602	2 949 423	703 105	3 653 245	42 643
325620	Toilet preparation manufacturing .....	3	13	7	3 887	145 102	3 025	5 625	100 602	2 949 423	703 105	3 653 245	42 643
3259	Other chemical product and preparation manufacturing .....	—	80	26	2 697	119 136	1 433	2 631	45 069	367 080	631 480	1 005 827	19 862
32591	Printing ink manufacturing .....	1	22	11	810	36 338	473	969	17 078	105 092	112 594	216 500	3 469
325910	Printing ink manufacturing .....	1	22	11	810	36 338	473	969	17 078	105 092	112 594	216 500	3 469
32599	All other chemical product and preparation manufacturing ..	—	58	15	1 887	82 798	960	1 662	27 991	261 988	518 886	789 327	16 393
325991	Custom compounding of purchased resins .....	1	20	6	415	18 555	196	408	6 194	69 404	68 077	138 086	3 285
325992	Photographic film, paper, plate, and chemical manufacturing .....	—	9	3	582	25 286	357	566	9 110	73 172	221 131	298 835	4 478
325998	All other miscellaneous chemical product and preparation manufacturing ..	—	29	6	890	38 957	407	688	12 687	119 412	229 678	352 406	8 630
326	Plastics and rubber products manufacturing .....	1	510	306	41 666	1 432 090	32 644	66 062	962 913	4 206 112	3 781 394	7 940 058	375 784
3261	Plastics product manufacturing ..	1	407	247	28 068	874 029	22 015	43 374	570 537	2 717 290	2 584 037	5 267 778	246 076
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	—	54	31	4 390	172 654	3 198	7 177	100 888	394 637	625 801	1 022 119	44 053
326111	Plastics bag manufacturing ..	—	11	8	1 539	55 513	1 099	2 471	26 932	113 049	233 612	348 028	19 378
326112	Plastics packaging film and sheet (including laminated) manufacturing .....	—	10	7	742	27 335	574	1 236	18 968	71 125	80 631	154 215	9 269
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	—	33	16	2 109	89 806	1 525	3 470	54 988	210 463	311 558	519 876	15 406
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	—	33	19	2 264	83 462	1 665	3 326	49 273	327 984	329 589	641 783	50 880
326121	Unlaminated plastics profile shape manufacturing .....	—	22	10	917	36 511	591	1 036	16 267	191 287	84 436	278 333	9 412
326122	Plastics pipe and pipe fitting manufacturing .....	—	11	9	1 347	46 951	1 074	2 290	33 006	136 697	245 153	363 450	41 468
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing .....	—	12	8	1 234	45 809	1 065	2 335	38 087	202 290	113 971	310 442	7 928
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	—	12	8	1 234	45 809	1 065	2 335	38 087	202 290	113 971	310 442	7 928
32614	Polystyrene foam product manufacturing .....	1	20	12	1 129	27 914	880	1 755	19 231	127 723	107 258	235 125	5 229
326140	Polystyrene foam product manufacturing .....	1	20	12	1 129	27 914	880	1 755	19 231	127 723	107 258	235 125	5 229
32615	Urethane and other foam product (except polystyrene) manufacturing .....	—	60	43	4 524	112 782	3 646	6 407	73 580	324 901	391 127	714 765	13 123
326150	Urethane and other foam product (except polystyrene) manufacturing .....	—	60	43	4 524	112 782	3 646	6 407	73 580	324 901	391 127	714 765	13 123
32616	Plastics bottle manufacturing ..	—	11	8	765	23 935	639	1 323	18 936	71 575	98 286	169 441	12 229
326160	Plastics bottle manufacturing .....	—	11	8	765	23 935	639	1 323	18 936	71 575	98 286	169 441	12 229

**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>NORTH CAROLINA—Con.</b>													
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32619	Other plastics product manufacturing .....	2	217	126	13 762	407 473	10 922	21 051	270 542	1 268 180	918 005	2 174 103	112 634
326191	Plastics plumbing fixture manufacturing .....	2	12	6	c	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	2	204	120	13 567	402 271	10 787	20 812	267 267	1 253 067	907 272	2 148 428	112 160
3262	Rubber product manufacturing ...	—	103	59	13 598	558 061	10 629	22 688	392 376	1 488 822	1 197 357	2 672 280	129 708
32621	Tire manufacturing .....	—	36	17	7 592	361 725	6 018	13 223	263 085	992 401	731 839	1 718 994	90 905
326211	Tire manufacturing (except retreading) .....	—	11	9	7 243	351 574	5 784	12 738	256 620	972 486	696 621	1 663 426	88 624
326212	Tire retreading .....	4	25	8	349	10 151	234	485	6 465	19 915	35 218	55 568	2 281
32622	Rubber and plastics hoses and belting manufacturing .....	4	18	12	1 648	58 638	1 198	2 484	34 389	144 334	162 075	299 748	15 448
326220	Rubber and plastics hoses and belting manufacturing ..	4	18	12	1 648	58 638	1 198	2 484	34 389	144 334	162 075	299 748	15 448
32629	Other rubber product manufacturing .....	—	49	30	4 358	137 698	3 413	6 981	94 902	352 087	303 443	653 538	23 355
326291	Rubber product manufacturing for mechanical use .....	—	24	15	2 803	95 491	2 165	4 621	65 146	215 555	148 387	359 998	16 377
326299	All other rubber product manufacturing .....	—	25	15	1 555	42 207	1 248	2 360	29 756	136 532	155 056	293 540	6 978
327	Nonmetallic mineral product manufacturing .....	2	587	172	20 232	688 034	16 071	31 270	484 758	2 115 727	1 399 522	3 530 932	139 839
3271	Clay product and refractory manufacturing .....	—	67	29	3 528	115 337	2 954	6 020	84 342	344 536	171 472	514 818	26 603
32711	Pottery, ceramics, and plumbing fixture manufacturing .....	—	40	7	1 375	44 629	1 141	2 276	31 795	122 261	74 369	199 054	11 854
327112	Vitreous china, fine earthenware, and other pottery product manufacturing .....	—	37	5	g	D	D	D	D	D	D	D	D
327113	Porcelain electrical supply manufacturing .....	—	2	2	c	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing ...	1	27	22	2 153	70 708	1 813	3 744	52 547	222 275	97 103	315 764	14 749
327121	Brick and structural clay tile manufacturing .....	—	18	18	1 846	60 440	1 580	3 241	45 963	192 610	70 068	259 262	13 798
327124	Clay refractory manufacturing .....	1	4	4	275	9 471	208	454	5 979	27 676	26 274	53 732	881
3272	Glass and glass product manufacturing .....	2	88	34	8 814	313 035	6 993	12 970	216 861	1 062 220	615 250	1 702 770	64 766
32721	Glass and glass product manufacturing .....	2	88	34	8 814	313 035	6 993	12 970	216 861	1 062 220	615 250	1 702 770	64 766
327211	Flat glass manufacturing ....	—	2	2	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing .....	—	8	4	h	D	D	D	D	D	D	D	D
327213	Glass container manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	5	75	25	4 329	136 293	3 240	6 098	90 827	394 677	275 599	686 084	19 988
3273	Cement and concrete product manufacturing .....	2	341	85	6 034	203 317	4 778	9 610	146 838	561 625	498 466	1 053 716	37 653
32732	Ready-mix concrete manufacturing .....	2	225	43	3 493	113 631	2 959	5 705	90 110	299 381	335 455	633 924	25 957
327320	Ready-mix concrete manufacturing .....	2	225	43	3 493	113 631	2 959	5 705	90 110	299 381	335 455	633 924	25 957
32733	Concrete pipe, brick, and block manufacturing .....	2	43	21	g	D	D	D	D	D	D	D	6 745
327331	Concrete block and brick manufacturing .....	1	28	10	562	24 176	339	784	13 838	62 760	73 880	136 961	4 211
327332	Concrete pipe manufacturing .....	2	15	11	f	D	D	D	D	D	D	D	2 534
32739	Other concrete product manufacturing .....	3	71	21	1 393	45 321	1 054	2 234	31 282	140 337	58 440	194 426	D
327390	Other concrete product manufacturing .....	3	71	21	1 393	45 321	1 054	2 234	31 282	140 337	58 440	194 426	D
3274	Lime and gypsum product manufacturing .....	2	4	3	c	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing .....	2	4	3	c	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing .....	2	4	3	c	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing .....	1	87	21	g	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing .....	—	13	4	554	16 398	362	720	8 793	31 154	37 235	67 790	1 368
327910	Abrasive product manufacturing .....	—	13	4	554	16 398	362	720	8 793	31 154	37 235	67 790	1 368

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<b>NORTH CAROLINA—Con.</b>													
327	Nonmetallic mineral product manufacturing—Con.												
3279	Other nonmetallic mineral product manufacturing—Con.												
32799	All other nonmetallic mineral product manufacturing .....	1	74	17	g	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing .....	1	45	8	654	19 953	531	1 070	14 761	47 177	21 796	68 431	3 898
327992	Ground or treated mineral and earth manufacturing ...	—	9	4	232	7 883	181	345	5 138	26 065	19 300	44 310	2 966
327999	All other miscellaneous nonmetallic mineral product manufacturing .....	1	14	4	186	5 156	131	238	2 969	20 091	11 099	31 227	1 018
331	Primary metal manufacturing .....	1	86	41	7 441	310 265	5 827	11 427	214 088	761 615	1 157 859	1 934 105	43 737
3311	Iron and steel mills and ferroalloy manufacturing .....	—	6	4	868	48 364	681	1 553	35 156	123 845	246 758	367 837	13 783
33111	Iron and steel mills and ferroalloy manufacturing .....	—	6	4	868	48 364	681	1 553	35 156	123 845	246 758	367 837	13 783
331111	Iron and steel mills .....	—	6	4	868	48 364	681	1 553	35 156	123 845	246 758	367 837	13 783
3312	Steel product manufacturing from purchased steel .....	—	10	5	453	13 638	391	644	9 837	47 312	68 414	115 862	980
33122	Rolling and drawing of purchased steel .....	—	9	4	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing .....	—	7	4	423	12 645	367	588	9 094	46 602	62 843	109 459	D
3313	Alumina and aluminum production and processing .....	2	12	7	1 027	45 125	816	1 738	32 452	70 792	238 834	315 240	11 925
33131	Alumina and aluminum production and processing ...	2	12	7	1 027	45 125	816	1 738	32 452	70 792	238 834	315 240	11 925
331312	Primary aluminum production .....	—	2	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
331316	Aluminum extruded product manufacturing .....	5	6	4	401	15 284	316	693	10 366	24 492	74 715	100 117	D
3314	Nonferrous metal (except aluminum) production and processing .....	1	27	13	3 542	146 063	2 620	5 141	92 516	354 877	520 896	890 341	13 349
33142	Copper rolling, drawing, extruding, and alloying .....	2	11	6	1 764	67 511	1 337	2 698	42 244	172 916	277 416	449 645	6 141
331421	Copper rolling, drawing, and extruding .....	9	6	2	f	D	D	D	D	D	D	D	1 701
331422	Copper wire (except mechanical) drawing .....	—	4	3	1 098	43 560	816	1 597	25 849	124 585	164 544	288 300	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	12	6	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	—	9	4	1 356	62 910	951	1 724	37 755	133 870	222 784	371 786	D
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) .....	—	3	2	e	D	D	D	D	D	D	D	D
3315	Foundries .....	—	31	12	1 551	57 075	1 319	2 351	44 127	164 789	82 957	244 825	3 700
33151	Ferrous metal foundries .....	—	12	6	931	40 155	788	1 247	31 054	122 731	51 677	172 072	2 531
331511	Iron foundries .....	—	9	6	916	39 598	776	1 223	30 618	121 624	51 054	170 342	2 491
33152	Nonferrous metal foundries ...	—	19	6	620	16 920	531	1 104	13 073	42 058	31 280	72 753	1 169
331521	Aluminum die-casting foundries .....	—	4	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	'1 471	'380	'39 322	'1 313 627	'30 134	'58 817	'872 111	'3 478 997	'3 080 002	'6 570 178	'212 043
3321	Forging and stamping .....	—	'42	'24	'1 871	'72 943	'1 318	'2 719	'42 224	'176 141	'222 607	'399 030	'11 472
33211	Forging and stamping .....	—	'42	'24	'1 871	'72 943	'1 318	'2 719	'42 224	'176 141	'222 607	'399 030	'11 472
332111	Iron and steel forging .....	—	6	5	694	28 187	498	1 039	17 631	61 901	82 844	144 024	6 776
332115	Crown and closure manufacturing .....	—	1	1	c	D	D	D	D	D	D	D	D
332116	Metal stamping .....	1	'27	'15	'827	'29 578	'616	'1 283	'18 244	'66 806	'93 766	'160 366	'2 864
332117	Powder metallurgy part manufacturing .....	—	3	2	c	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing .....	—	32	15	1 877	65 306	1 369	2 689	37 601	143 472	92 705	237 802	9 979
33221	Cutlery and handtool manufacturing .....	—	32	15	1 877	65 306	1 369	2 689	37 601	143 472	92 705	237 802	9 979
332212	Hand and edge tool manufacturing .....	1	26	11	1 193	39 716	950	1 814	27 293	82 593	40 169	124 206	4 042
332213	Saw blade and handsaw manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All 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>NORTH CAROLINA—Con.</b>													
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing .....	1	345	118	10 785	349 064	7 741	15 335	207 110	881 117	905 596	1 788 752	57 749
33231	Plate work and fabricated structural product manufacturing .....	2	136	48	3 927	143 877	2 710	5 394	83 684	381 362	380 233	759 969	24 325
332311	Prefabricated metal building and component manufacturing .....	—	25	11	1 257	42 364	812	1 419	21 014	143 320	119 227	268 777	6 278
332312	Fabricated structural metal manufacturing .....	2	'92	'32	'2 028	'78 517	'1 405	'2 982	'47 408	'197 420	'237 295	'426 909	'16 821
332313	Plate work manufacturing ...	6	'19	'5	'642	'22 996	'493	'993	'15 262	'40 622	'23 711	'64 283	'1 226
33232	Ornamental and architectural metal products manufacturing .....	1	209	70	6 858	205 187	5 031	9 941	123 426	499 755	525 363	1 028 783	33 424
332321	Metal window and door manufacturing .....	—	26	13	1 031	31 851	805	1 748	20 665	88 019	146 414	231 007	5 721
332322	Sheet metal work manufacturing .....	1	132	44	4 916	145 230	3 504	6 798	85 236	342 325	333 940	684 322	21 893
332323	Ornamental and architectural metal work manufacturing ..	1	51	13	911	28 106	722	1 395	17 525	69 411	45 009	113 454	5 810
3324	Boiler, tank, and shipping container manufacturing .....	—	34	19	1 617	65 225	1 307	2 596	46 718	268 259	319 291	590 114	9 242
33241	Power boiler and heat exchanger manufacturing ....	3	4	2	177	7 511	133	303	4 523	16 481	10 826	27 308	D
332410	Power boiler and heat exchanger manufacturing ..	3	4	2	177	7 511	133	303	4 523	16 481	10 826	27 308	D
33242	Metal tank (heavy gauge) manufacturing .....	1	17	10	531	17 313	404	750	11 098	50 879	38 397	88 945	D
332420	Metal tank (heavy gauge) manufacturing .....	1	17	10	531	17 313	404	750	11 098	50 879	38 397	88 945	D
33243	Metal can, box, and other metal container (light gauge) manufacturing .....	—	13	7	909	40 401	770	1 543	31 097	200 899	270 068	473 861	6 225
332431	Metal can manufacturing ....	—	3	3	661	31 156	563	1 248	24 158	179 675	236 675	419 185	5 746
332439	Other metal container manufacturing .....	1	10	4	248	9 245	207	295	6 939	21 224	33 393	54 676	479
3325	Hardware manufacturing .....	—	27	13	3 018	83 637	2 459	4 469	55 559	240 611	151 498	389 792	8 312
33251	Hardware manufacturing .....	—	27	13	3 018	83 637	2 459	4 469	55 559	240 611	151 498	389 792	8 312
332510	Hardware manufacturing ....	—	27	13	3 018	83 637	2 459	4 469	55 559	240 611	151 498	389 792	8 312
3326	Spring and wire product manufacturing .....	1	54	20	2 147	54 342	1 840	3 141	39 114	138 363	113 976	250 800	4 463
33261	Spring and wire product manufacturing .....	1	54	20	2 147	54 342	1 840	3 141	39 114	138 363	113 976	250 800	4 463
332612	Spring (light gauge) manufacturing .....	—	12	8	g	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing .....	3	40	12	1 037	30 384	856	1 716	21 308	71 776	56 107	126 759	3 180
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	3	645	87	7 521	254 461	5 802	11 102	174 235	521 086	255 495	784 933	34 391
33271	Machine shops .....	3	587	66	6 074	206 292	4 678	8 850	140 495	410 180	196 194	611 946	30 411
332710	Machine shops .....	3	587	66	6 074	206 292	4 678	8 850	140 495	410 180	196 194	611 946	30 411
33272	Turned product and screw, nut, and bolt manufacturing .....	3	58	21	1 447	48 169	1 124	2 252	33 740	110 906	59 301	172 987	3 980
332721	Precision turned product manufacturing .....	4	50	18	922	31 627	688	1 341	21 319	87 758	25 641	113 388	3 599
332722	Bolt, nut, screw, rivet, and washer manufacturing .....	1	8	3	525	16 542	436	911	12 421	23 148	33 660	59 599	381
3328	Coating, engraving, heat treating, and allied activities .....	1	119	28	1 666	55 685	1 285	2 469	37 544	130 459	62 356	193 479	5 550
33281	Coating, engraving, heat treating, and allied activities ..	1	119	28	1 666	55 685	1 285	2 469	37 544	130 459	62 356	193 479	5 550
332811	Metal heat treating .....	—	16	7	298	9 707	215	452	6 158	22 668	5 018	27 649	2 007
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	47	11	674	22 557	524	911	15 292	49 779	15 686	65 668	1 950
332813	Electroplating, plating, polishing, anodizing, and coloring .....	1	56	10	694	23 421	546	1 106	16 094	58 012	41 652	100 162	1 593
3329	Other fabricated metal product manufacturing .....	—	173	56	8 820	312 964	7 013	14 297	232 006	979 489	956 478	1 935 476	70 885
33291	Metal valve manufacturing ....	—	32	19	4 100	128 725	3 242	6 347	93 745	441 721	527 008	973 321	23 772
332911	Industrial valve manufacturing .....	—	12	9	1 227	42 486	852	1 779	25 320	174 153	83 890	253 979	2 928
332912	Fluid power valve and hose fitting manufacturing .....	—	7	2	349	13 728	260	489	8 958	48 917	28 103	76 823	D
332913	Plumbing fixture fitting and trim manufacturing .....	—	4	3	1 389	44 598	1 245	2 408	36 879	123 252	340 778	469 770	1 160
332919	Other metal valve and pipe fitting manufacturing .....	1	9	5	1 135	27 913	885	1 671	22 588	95 399	74 237	172 749	D
33299	All other fabricated metal product manufacturing .....	—	141	37	4 720	184 239	3 771	7 950	138 261	537 768	429 470	962 155	47 113
332991	Ball and roller bearing manufacturing .....	—	11	11	1 892	81 342	1 610	3 343	68 651	280 294	211 516	486 459	23 852
332996	Fabricated pipe and pipe fitting manufacturing .....	1	18	7	702	23 786	505	1 068	13 889	47 138	47 595	94 639	D



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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All 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>NORTH CAROLINA—Con.</b>												
332	Fabricated metal product manufacturing—Con.											
3329	Other fabricated metal product manufacturing—Con.											
33299	All other fabricated metal product manufacturing—Con.											
332998	Enameled iron and metal sanitary ware manufacturing .....	—	5	3	g	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing .....	2	98	16	1 063	34 939	789	1 526	24 276	93 140	47 255	141 089
333	Machinery manufacturing .....	—	694	264	33 734	1 311 474	22 991	45 445	722 679	3 985 804	5 345 475	9 293 945
3331	Agriculture, construction, and mining machinery manufacturing .....	—	50	24	4 170	174 376	2 802	5 407	99 508	780 636	1 840 857	2 569 795
33311	Agricultural implement manufacturing .....	—	25	8	1 545	61 433	987	2 001	32 863	230 777	383 943	614 133
333111	Farm machinery and equipment manufacturing ..	1	21	6	g	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	4	2	e	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	—	21	15	2 562	110 608	1 763	3 298	64 911	545 270	1 455 401	1 949 560
333120	Construction machinery manufacturing .....	—	21	15	2 562	110 608	1 763	3 298	64 911	545 270	1 455 401	1 949 560
3332	Industrial machinery manufacturing .....	1	195	64	4 447	177 340	2 707	5 448	82 895	394 308	294 957	701 145
33321	Sawmill and woodworking machinery manufacturing ....	1	26	8	671	22 603	483	933	13 812	46 336	38 337	86 944
333210	Sawmill and woodworking machinery manufacturing ..	1	26	8	671	22 603	483	933	13 812	46 336	38 337	86 944
33322	Plastics and rubber industry machinery manufacturing ....	3	15	4	258	12 786	109	205	3 531	31 069	28 382	59 344
333220	Plastics and rubber industry machinery manufacturing ..	3	15	4	258	12 786	109	205	3 531	31 069	28 382	59 344
33329	Other industrial machinery manufacturing .....	1	154	52	3 518	141 951	2 115	4 310	65 552	316 903	228 238	554 857
333292	Textile machinery manufacturing .....	1	83	25	1 733	62 131	1 081	2 169	30 717	121 302	91 498	218 096
333293	Printing machinery and equipment manufacturing ..	1	12	6	424	20 120	216	448	7 278	65 566	23 402	88 601
333294	Food product machinery manufacturing .....	3	6	4	279	12 384	158	319	5 517	28 973	26 933	56 374
333298	All other industrial machinery manufacturing .....	1	46	16	993	43 695	619	1 288	20 710	93 427	80 448	178 065
3333	Commercial and service industry machinery manufacturing .....	—	46	14	2 161	81 667	1 375	2 496	37 387	220 562	311 636	525 392
33331	Commercial and service industry machinery manufacturing .....	—	46	14	2 161	81 667	1 375	2 496	37 387	220 562	311 636	525 392
333311	Automatic vending machine manufacturing .....	—	2	1	c	D	D	D	D	D	D	D
333313	Office machinery manufacturing .....	—	3	2	f	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing .....	—	34	10	1 317	50 595	842	1 322	26 034	120 065	149 965	269 148
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	3	68	40	5 449	163 037	4 144	7 885	99 758	475 375	533 928	1 011 862
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	3	68	40	5 449	163 037	4 144	7 885	99 758	475 375	533 928	1 011 862
333411	Air purification equipment manufacturing .....	2	30	17	2 107	59 216	1 578	3 110	34 041	112 569	122 879	233 911
333412	Industrial and commercial fan and blower manufacturing ..	—	6	5	411	12 517	308	522	7 301	44 212	32 240	75 613
333414	Heating equipment (except warm air furnaces) manufacturing .....	6	9	6	588	16 824	440	926	12 278	46 553	34 543	81 454
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	4	23	12	2 343	74 480	1 818	3 327	46 138	272 041	344 266	620 884
3335	Metalworking machinery manufacturing .....	—	138	30	2 929	115 988	2 219	4 566	77 120	303 180	218 234	516 118
33351	Metalworking machinery manufacturing .....	—	138	30	2 929	115 988	2 219	4 566	77 120	303 180	218 234	516 118
333511	Industrial mold manufacturing .....	—	37	11	677	32 365	541	1 219	23 990	62 981	34 833	90 351
333512	Machine tool (metal cutting types) manufacturing .....	—	4	3	155	6 400	81	162	2 032	14 202	10 529	24 426
333514	Special die and tool, die set, jig, and fixture manufacturing .....	1	58	5	601	20 325	443	813	13 446	46 484	10 622	57 128

**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>NORTH CAROLINA—Con.</b>													
333	Machinery manufacturing—Con.												
3335	Metalworking machinery manufacturing—Con.												
33351	Metalworking machinery manufacturing—Con.												
333515	Cutting tool and machine tool accessory manufacturing...	—	29	8	1 239	47 397	987	1 982	32 954	163 882	150 875	316 127	16 639
333518	Other metalworking machinery manufacturing ..	3	7	3	235	8 721	157	369	4 289	14 096	9 945	25 121	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	38	20	4 418	193 424	3 280	6 852	127 344	581 454	905 822	1 506 243	39 901
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	38	20	4 418	193 424	3 280	6 852	127 344	581 454	905 822	1 506 243	39 901
333611	Turbine and turbine generator set units manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear manufacturing .....	—	10	5	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing .....	—	12	6	699	23 778	552	1 105	15 883	72 080	86 813	162 747	D
333618	Other engine equipment manufacturing .....	—	12	6	2 360	94 177	1 806	3 954	63 183	267 390	619 066	888 596	24 888
3339	Other general purpose machinery manufacturing .....	—	159	72	10 160	405 642	6 464	12 791	198 667	1 230 289	1 240 041	2 463 390	44 487
33391	Pump and compressor manufacturing .....	—	15	11	2 948	139 752	1 575	3 319	58 924	382 399	459 488	846 944	10 767
333911	Pump and pumping equipment manufacturing ..	—	7	4	765	25 833	602	1 313	16 972	166 554	70 360	229 308	1 426
333912	Air and gas compressor manufacturing .....	—	5	5	f	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	—	47	21	2 528	101 141	1 752	3 498	56 895	274 950	383 953	667 103	8 926
333921	Elevator and moving stairway manufacturing .....	—	1	1	c	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	1	19	10	f	D	D	D	D	D	D	D	3 243
333923	Overhead traveling crane, hoist, and monorail system manufacturing .....	—	11	4	475	18 410	315	619	9 235	84 298	67 927	149 011	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	16	6	1 243	49 928	953	2 030	33 357	118 493	235 666	365 649	D
33399	All other general purpose machinery manufacturing ....	—	97	40	4 684	164 749	3 137	5 974	82 848	572 940	396 600	949 343	24 794
333991	Power-driven handtool manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	6 606
333993	Packaging machinery manufacturing .....	1	21	5	378	20 490	156	320	5 938	56 569	49 622	105 836	1 571
333995	Fluid power cylinder and actuator manufacturing ....	—	5	5	535	23 497	331	629	12 012	52 459	50 571	106 754	6 246
333996	Fluid power pump and motor manufacturing .....	—	5	2	470	14 807	353	827	8 361	63 597	9 614	73 736	D
333999	All other miscellaneous general purpose machinery manufacturing .....	1	55	20	1 604	59 842	958	1 848	28 396	151 176	124 151	260 278	6 976
334	Computer and electronic product manufacturing .....	—	293	115	35 286	1 669 087	14 492	28 284	484 370	2 869 140	2 967 600	5 926 519	443 900
3341	Computer and peripheral equipment manufacturing .....	—	32	10	15 801	855 303	1 681	3 007	49 440	458 420	725 580	1 224 721	146 613
33411	Computer and peripheral equipment manufacturing ....	—	32	10	15 801	855 303	1 681	3 007	49 440	458 420	725 580	1 224 721	146 613
334111	Electronic computer manufacturing .....	1	10	4	13 702	784 117	676	1 592	27 058	265 430	233 716	548 986	D
334112	Computer storage device manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
334113	Computer terminal manufacturing .....	—	2	1	c	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	17	3	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	—	45	20	2 931	135 092	1 447	2 632	44 389	616 142	567 694	1 207 833	19 205
33421	Telephone apparatus manufacturing .....	—	11	5	793	47 229	241	448	9 213	297 828	269 210	570 747	7 989
334210	Telephone apparatus manufacturing .....	—	11	5	793	47 229	241	448	9 213	297 828	269 210	570 747	7 989
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	21	11	1 734	70 317	994	1 764	29 131	258 568	264 056	542 414	10 804
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	21	11	1 734	70 317	994	1 764	29 131	258 568	264 056	542 414	10 804

**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>NORTH CAROLINA—Con.</b>													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing—Con.												
33429	Other communications equipment manufacturing . . . .	—	13	4	404	17 546	212	420	6 045	59 746	34 428	94 672	412
334290	Other communications equipment manufacturing . .	—	13	4	404	17 546	212	420	6 045	59 746	34 428	94 672	412
3343	Audio and video equipment manufacturing . . . . .	3	13	3	196	6 204	145	317	3 510	11 821	16 820	29 337	673
33431	Audio and video equipment manufacturing . . . . .	3	13	3	196	6 204	145	317	3 510	11 821	16 820	29 337	673
334310	Audio and video equipment manufacturing . . . . .	3	13	3	196	6 204	145	317	3 510	11 821	16 820	29 337	673
3344	Semiconductor and other electronic component manufacturing . . . . .	—	98	47	10 567	439 221	7 722	15 347	284 349	1 249 460	1 277 053	2 553 949	248 363
33441	Semiconductor and other electronic component manufacturing . . . . .	—	98	47	10 567	439 221	7 722	15 347	284 349	1 249 460	1 277 053	2 553 949	248 363
334412	Bare printed circuit board manufacturing . . . . .	4	15	1	c	D	D	D	D	D	D	D	224
334413	Semiconductor and related device manufacturing . . . . .	—	17	8	2 607	163 935	2 057	4 287	122 026	430 787	312 536	729 693	195 244
334414	Electronic capacitor manufacturing . . . . .	—	4	4	851	26 207	688	1 149	17 481	86 491	109 689	194 098	D
334415	Electronic resistor manufacturing . . . . .	—	2	2	e	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing . . . . .	—	7	6	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing . . . . .	—	16	11	3 200	101 191	2 065	4 502	50 572	234 812	602 431	863 905	18 118
334419	Other electronic component manufacturing . . . . .	1	32	15	1 406	45 761	936	1 781	21 431	120 747	121 767	247 735	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing . . . . .	1	87	29	3 700	158 745	2 091	3 822	59 741	379 492	251 980	627 271	15 748
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	1	87	29	3 700	158 745	2 091	3 822	59 741	379 492	251 980	627 271	15 748
334510	Electromedical and electrotherapeutic apparatus manufacturing . . .	9	8	1	104	4 834	43	75	1 121	12 147	5 899	18 058	377
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing . . . . .	—	6	2	f	D	D	D	D	D	D	D	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use . . . . .	1	8	3	232	8 705	139	226	2 928	19 121	9 668	29 482	494
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables . . . . .	5	21	4	211	8 257	108	235	3 028	15 158	8 491	23 704	438
334514	Totalizing fluid meter and counting device manufacturing . . . . .	—	7	3	494	16 146	341	725	9 079	66 572	39 773	106 336	3 033
334515	Instrument manufacturing for measuring and testing electricity and electrical signals . . . . .	—	10	6	868	39 185	583	1 151	18 214	81 948	81 443	164 517	4 345
334516	Analytical laboratory instrument manufacturing . .	1	11	2	290	17 950	110	226	7 191	37 853	20 447	58 202	435
334517	Irradiation apparatus manufacturing . . . . .	—	2	1	c	D	D	D	D	D	D	D	D
334518	Watch, clock, and part manufacturing . . . . .	—	3	1	134	4 531	52	81	1 146	13 179	13 531	26 235	330
334519	Other measuring and controlling device manufacturing . . . . .	1	11	6	632	24 790	322	633	9 353	60 884	27 753	91 755	2 884
3346	Manufacturing and reproducing magnetic and optical media . . . . .	—	18	6	2 091	74 522	1 406	3 159	42 941	153 805	128 473	283 408	13 298
33461	Manufacturing and reproducing magnetic and optical media . .	—	18	6	2 091	74 522	1 406	3 159	42 941	153 805	128 473	283 408	13 298
334612	Prerecorded compact disc (except software), tape, and record reproducing . . . . .	—	10	6	2 067	73 732	1 391	3 133	42 464	151 598	126 790	279 518	13 208
335	Electrical equipment, appliance, and component manufacturing . . . . .	—	193	102	24 629	867 279	18 125	35 519	542 188	2 783 531	2 918 676	5 746 675	192 690
3351	Electric lighting equipment manufacturing . . . . .	—	31	11	1 849	71 580	1 450	2 817	48 833	164 260	125 731	290 226	D
33511	Electric lamp bulb and part manufacturing . . . . .	—	2	2	c	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing . . . . .	—	2	2	c	D	D	D	D	D	D	D	D

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	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 CAROLINA—Con.</b>													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3351	Electric lighting equipment manufacturing—Con.												
33512	Lighting fixture manufacturing . . .	—	29	9	g	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing . . . . .	1	19	7	805	20 657	642	1 291	13 270	46 209	38 065	83 506	1 975
335129	Other lighting equipment manufacturing . . . . .	—	6	2	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing . . . . .	—	7	3	1 023	32 077	787	1 530	17 237	197 350	173 398	374 889	D
33522	Major appliance manufacturing . . .	—	5	2	f	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing . . .	—	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing . . . . .	—	82	47	9 728	357 954	6 887	13 473	211 327	997 878	1 151 982	2 162 123	64 148
33531	Electrical equipment manufacturing . . . . .	—	82	47	9 728	357 954	6 887	13 473	211 327	997 878	1 151 982	2 162 123	64 148
335311	Power, distribution, and specialty transformer manufacturing . . . . .	—	8	6	943	35 256	633	1 318	20 470	106 767	93 785	202 621	1 916
335312	Motor and generator manufacturing . . . . .	—	19	13	2 782	88 419	2 150	4 345	58 338	215 288	310 782	531 683	12 888
335313	Switchgear and switchboard apparatus manufacturing . . .	—	23	11	2 292	84 857	1 699	3 351	52 171	210 191	284 700	497 776	36 524
335314	Relay and industrial control manufacturing . . . . .	—	32	17	3 711	149 422	2 405	4 459	80 348	465 632	462 715	930 043	12 820
3359	Other electrical equipment and component manufacturing . . . . .	—	73	41	12 029	405 668	9 001	17 699	264 791	1 424 043	1 467 565	2 919 437	77 012
33591	Battery manufacturing . . . . .	—	10	8	2 994	112 323	2 212	4 714	74 121	590 892	594 573	1 183 434	33 365
335911	Storage battery manufacturing . . . . .	—	5	4	1 231	48 360	839	1 833	31 375	122 407	149 100	275 471	D
335912	Primary battery manufacturing . . . . .	—	5	4	1 763	63 963	1 373	2 881	42 746	468 485	445 473	907 963	D
33592	Communication and energy wire and cable manufacturing . .	—	18	14	3 318	121 854	2 380	4 265	79 981	381 568	501 269	900 967	19 254
335921	Fiber optic cable manufacturing . . . . .	1	7	5	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing . .	—	11	9	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing . . .	1	18	13	4 110	118 577	3 269	6 528	83 267	312 186	161 670	479 055	11 307
335931	Current-carrying wiring device manufacturing . . . . .	1	11	9	3 524	102 579	2 825	5 653	73 146	262 715	127 152	392 780	6 709
335932	Noncurrent-carrying wiring device manufacturing . . . . .	—	7	4	586	15 998	444	875	10 121	49 471	34 518	86 275	4 598
33599	All other electrical equipment and component manufacturing . . . . .	—	27	6	1 607	52 914	1 140	2 192	27 422	139 397	210 053	355 981	13 086
335991	Carbon and graphite product manufacturing . . . . .	—	3	2	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing . .	—	24	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing . . . . .	—	331	139	33 092	1 234 855	25 843	50 780	870 874	3 779 590	8 224 394	11 975 742	387 080
3361	Motor vehicle manufacturing . . . . .	—	19	4	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing . . . . .	—	4	4	h	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing . . . . .	—	4	4	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing . . . . .	—	58	22	h	D	D	D	D	D	D	D	50 458
33621	Motor vehicle body and trailer manufacturing . . . . .	—	58	22	h	D	D	D	D	D	D	D	50 458
336211	Motor vehicle body manufacturing . . . . .	—	37	17	3 473	135 755	2 668	5 308	94 847	148 723	735 305	876 411	49 927
336214	Travel trailer and camper manufacturing . . . . .	4	15	5	e	D	D	D	D	D	D	D	337
3363	Motor vehicle parts manufacturing . . . . .	—	156	84	19 186	704 077	14 272	29 226	468 687	2 436 140	3 433 746	5 843 508	260 085
33631	Motor vehicle gasoline engine and engine parts manufacturing . . . . .	1	33	12	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing . . . . .	1	32	12	2 000	83 252	1 616	3 343	58 217	264 014	173 178	433 687	16 189
33632	Motor vehicle electrical and electronic equipment manufacturing . . . . .	2	10	9	1 404	51 303	1 025	2 314	28 828	202 599	263 313	466 508	11 643
336322	Other motor vehicle electrical and electronic equipment manufacturing . . . . .	2	10	9	1 404	51 303	1 025	2 314	28 828	202 599	263 313	466 508	11 643
33633	Motor vehicle steering and suspension component (except spring) manufacturing . . . . .	—	5	4	919	34 277	722	1 752	25 998	116 903	81 779	195 644	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing . . . . .	—	5	4	919	34 277	722	1 752	25 998	116 903	81 779	195 644	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>NORTH CAROLINA—Con.</b>													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33634	Motor vehicle brake system manufacturing .....	—	13	7	1 792	67 528	1 250	2 397	36 064	198 415	946 048	1 134 338	D
336340	Motor vehicle brake system manufacturing .....	—	13	7	1 792	67 528	1 250	2 397	36 064	198 415	946 048	1 134 338	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	27	19	6 019	240 985	4 673	9 988	163 911	928 284	1 417 396	2 340 649	93 616
336350	Motor vehicle transmission and power train parts manufacturing .....	—	27	19	6 019	240 985	4 673	9 988	163 911	928 284	1 417 396	2 340 649	93 616
33636	Motor vehicle seating and interior trim manufacturing .....	—	18	9	1 019	35 134	657	1 275	20 056	75 734	81 101	165 263	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	18	9	1 019	35 134	657	1 275	20 056	75 734	81 101	165 263	D
33637	Motor vehicle metal stamping ..	1	9	3	c	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping ..	1	9	3	c	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	—	41	21	5 812	183 772	4 174	7 830	129 972	630 944	453 728	1 071 236	75 854
336399	All other motor vehicle parts manufacturing .....	—	38	21	5 800	183 048	4 163	7 808	129 413	629 831	452 572	1 068 967	75 788
3364	Aerospace product and parts manufacturing .....	—	11	6	1 879	106 895	1 482	3 757	78 407	542 865	961 916	1 507 764	14 828
33641	Aerospace product and parts manufacturing .....	—	11	6	1 879	106 895	1 482	3 757	78 407	542 865	961 916	1 507 764	14 828
336412	Aircraft engine and engine parts manufacturing .....	—	6	4	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	—	2	1	c	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	—	2	1	c	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	—	2	1	c	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	1	62	20	h	D	D	D	D	D	D	D	17 516
33661	Ship and boat building .....	1	62	20	h	D	D	D	D	D	D	D	17 516
336612	Boat building .....	1	53	20	3 387	103 683	2 645	5 384	69 320	267 248	259 150	526 398	17 364
3369	Other transportation equipment manufacturing .....	4	23	2	c	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing .....	4	23	2	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	4	20	2	c	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	1 189	421	'70 148	'1 836 347	'59 059	'111 147	'1 342 790	'4 222 591	'3 581 134	'7 729 520	'147 399
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	'886	'292	'58 282	'1 506 976	'49 832	'94 107	'1 130 568	'3 422 490	'2 999 402	'6 341 945	'114 937
33711	Wood kitchen cabinet and countertop manufacturing .....	3	327	28	3 886	102 546	3 180	6 170	73 171	230 680	276 562	508 348	17 456
337110	Wood kitchen cabinet and countertop manufacturing ..	3	327	28	3 886	102 546	3 180	6 170	73 171	230 680	276 562	508 348	17 456
33712	Household and institutional furniture manufacturing .....	1	'559	'264	'54 396	'1 404 430	'46 652	'87 937	'1 057 397	'3 191 810	'2 722 840	'5 833 597	'97 481
337121	Upholstered household furniture manufacturing .....	1	287	152	26 542	713 756	22 176	40 452	519 704	1 492 201	1 375 542	2 855 715	51 171
337122	Nonupholstered wood household furniture manufacturing .....	2	207	79	24 545	603 926	21 886	42 478	484 198	1 505 925	1 158 157	2 595 269	40 204
337124	Metal household furniture manufacturing .....	4	23	14	1 456	36 997	1 136	2 289	22 197	79 480	75 667	153 430	2 925
337125	Household furniture (except wood and metal) manufacturing .....	—	'11	'4	f	D	D	D	D	D	D	D	'1 328
337127	Institutional furniture manufacturing .....	3	28	14	1 090	26 320	849	1 628	17 432	63 883	62 341	126 751	D
337129	Wood television, radio, and sewing machine cabinet manufacturing .....	—	3	1	c	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	1	'265	'110	'9 763	'265 285	'7 586	'14 021	'173 915	'651 261	'421 936	'1 077 592	'29 052
33721	Office furniture (including fixtures) manufacturing .....	1	'265	'110	'9 763	'265 285	'7 586	'14 021	'173 915	'651 261	'421 936	'1 077 592	'29 052
337211	Wood office furniture manufacturing .....	1	36	25	3 867	102 319	3 056	5 384	69 552	258 335	146 159	410 484	7 034
337212	Custom architectural woodwork and millwork manufacturing .....	—	51	12	1 292	40 604	994	2 133	26 188	85 274	80 164	163 992	2 044
337214	Office furniture (except wood) manufacturing .....	—	17	6	760	21 987	603	1 013	14 834	85 852	57 586	143 588	3 264
337215	Showcase, partition, shelving, and locker manufacturing .....	1	'161	'67	'3 844	'100 375	'2 933	'5 491	'63 341	'221 800	'138 027	'359 528	'16 710

**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>NORTH CAROLINA—Con.</b>													
337	Furniture and related product manufacturing—Con.												
3379	Other furniture related product manufacturing .....	3	38	19	2 103	64 086	1 641	3 019	38 307	148 840	159 796	309 983	3 410
33791	Mattress manufacturing .....	3	25	16	1 847	56 727	1 479	2 696	34 575	132 440	140 897	272 990	2 926
337910	Mattress manufacturing .....	3	25	16	1 847	56 727	1 479	2 696	34 575	132 440	140 897	272 990	2 926
33792	Blind and shade manufacturing .....	3	13	3	256	7 359	162	323	3 732	16 400	18 899	36 993	484
337920	Blind and shade manufacturing .....	3	13	3	256	7 359	162	323	3 732	16 400	18 899	36 993	484
339	Miscellaneous manufacturing .....	2	'834	'149	'17 455	'567 388	'12 669	'24 428	'316 770	'1 796 809	'1 283 354	'3 087 135	'81 691
3391	Medical equipment and supplies manufacturing .....	3	354	50	8 390	297 798	6 049	12 111	162 084	1 025 352	608 474	1 641 997	55 826
33911	Medical equipment and supplies manufacturing .....	3	354	50	8 390	297 798	6 049	12 111	162 084	1 025 352	608 474	1 641 997	55 826
339111	Laboratory apparatus and furniture manufacturing .....	6	8	5	735	29 338	508	1 009	14 542	58 017	49 810	107 909	2 496
339112	Surgical and medical instrument manufacturing .....	3	31	16	2 736	103 674	1 922	4 012	53 633	502 376	178 595	680 801	25 173
339113	Surgical appliance and supplies manufacturing .....	2	53	18	3 332	111 453	2 504	4 939	59 591	371 705	315 035	685 170	22 904
339114	Dental equipment and supplies manufacturing .....	9	20	3	381	15 175	242	499	8 748	29 839	51 120	90 762	3 325
339116	Dental laboratories .....	3	235	8	1 185	37 417	858	1 630	25 201	61 555	13 082	74 666	1 848
3399	Other miscellaneous manufacturing .....	2	'480	'99	'9 065	'269 590	'6 620	'12 317	'154 686	'771 457	'674 880	'1 445 138	'25 865
33991	Jewelry and silverware manufacturing .....	3	24	—	100	2 390	64	92	1 414	6 113	3 885	9 822	237
33992	Sporting and athletic goods manufacturing .....	3	48	10	559	14 619	399	699	7 661	34 145	28 767	62 541	856
339920	Sporting and athletic goods manufacturing .....	3	48	10	559	14 619	399	699	7 661	34 145	28 767	62 541	856
33993	Doll, toy, and game manufacturing .....	4	12	3	173	4 839	140	293	3 388	12 378	6 719	18 077	192
339932	Game, toy, and children's vehicle manufacturing .....	4	12	3	173	4 839	140	293	3 388	12 378	6 719	18 077	192
33994	Office supplies (except paper) manufacturing .....	—	18	5	336	7 740	232	379	4 312	18 574	22 679	41 561	479
339941	Pen and mechanical pencil manufacturing .....	—	1	1	c	D	D	D	D	D	D	D	D
339943	Marking device manufacturing .....	3	10	2	111	2 100	55	82	831	3 760	1 866	5 939	85
33995	Sign manufacturing .....	4	'180	'25	'1 623	'53 703	'1 068	'1 904	'28 274	'95 678	'69 547	'164 979	'3 766
339950	Sign manufacturing .....	4	'180	'25	'1 623	'53 703	'1 068	'1 904	'28 274	'95 678	'69 547	'164 979	'3 766
33999	All other miscellaneous manufacturing .....	1	198	56	6 274	186 299	4 717	8 950	109 637	604 569	543 283	1 148 158	20 335
339991	Gasket, packing, and sealing device manufacturing .....	—	11	7	657	21 353	477	953	12 722	66 991	57 405	124 099	D
339992	Musical instrument manufacturing .....	—	20	2	134	3 754	102	199	2 461	16 434	15 143	32 041	185
339993	Fastener, button, needle, and pin manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing .....	—	9	4	631	14 227	544	1 113	10 188	64 393	62 124	125 491	2 680
339995	Burial casket manufacturing .....	1	7	1	c	D	D	D	D	D	D	D	497
339999	All other miscellaneous manufacturing .....	2	148	39	4 237	127 602	3 094	5 707	72 621	406 885	364 796	773 140	13 926

<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>ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	559	181	25 946	935 183	19 346	39 477	603 917	2 616 111	3 187 846	5 789 599	174 049
311	Food manufacturing .....	8	17	5	561	16 137	406	814	9 798	46 137	138 701	185 333	4 703
3115	Dairy product manufacturing .....	9	2	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing .....	9	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing .....	9	2	2	e	D	D	D	D	D	D	D	D
313	Textile mills .....	1	20	11	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	7	4	2	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	7	4	2	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	9	1	1	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	10	8	g	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
31323	Nonwoven fabric mills .....	-	5	4	727	30 607	527	1 098	17 938	63 969	131 117	199 823	D
313230	Nonwoven fabric mills .....	-	5	4	727	30 607	527	1 098	17 938	63 969	131 117	199 823	D
3133	Textile and fabric finishing and fabric coating mills .....	9	6	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	9	5	1	e	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	9	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	1	25	10	1 486	37 980	1 094	2 179	22 510	85 928	67 936	153 716	3 467
3141	Textile furnishings mills .....	1	9	4	889	23 469	638	1 332	13 566	64 399	49 791	113 812	2 683
31412	Curtain and linen mills .....	-	6	3	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	4	3	813	21 484	573	1 200	11 958	59 657	36 610	95 889	D
3149	Other textile product mills .....	1	16	6	597	14 511	456	847	8 944	21 529	18 145	39 904	784
31499	All other textile product mills .....	-	10	3	460	11 012	368	718	7 570	16 471	14 093	31 292	605
314999	All other miscellaneous textile product mills .....	-	10	3	460	11 012	368	718	7 570	16 471	14 093	31 292	605
321	Wood product manufacturing .....	1	25	7	e	D	D	D	D	D	D	D	2 058
3219	Other wood product manufacturing .....	-	15	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	1	8	8	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	3	2	2	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	3	2	2	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	3	2	2	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	6	6	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	-	5	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	3	53	8	661	20 703	448	653	11 606	49 165	20 733	69 636	D
3231	Printing and related support activities .....	3	53	8	661	20 703	448	653	11 606	49 165	20 733	69 636	D
32311	Printing .....	2	51	7	e	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	2	23	6	361	12 491	208	405	6 883	27 749	11 661	39 622	523
325	Chemical manufacturing .....	-	11	7	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	4	4	295	10 351	233	485	6 586	24 136	46 293	70 591	D
326	Plastics and rubber products manufacturing .....	-	27	18	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing .....	-	25	16	h	D	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	15	9	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	2	14	8	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>ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA—Con.</b>													
326	Plastics and rubber products manufacturing—Con.												
3262	Rubber product manufacturing . . .	1	2	2	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing . . .	1	2	2	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing . . .	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing . . .	—	28	9	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing . . .	—	10	8	e	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing . . .	—	5	4	e	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing . . .	—	5	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing . . .	—	88	23	1 771	60 694	1 268	2 500	39 277	153 095	92 256	242 999	D
3323	Architectural and structural metals manufacturing . . .	—	10	4	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing . . .	1	50	11	f	D	D	D	D	D	D	D	2 914
33271	Machine shops . . .	1	45	9	f	D	D	D	D	D	D	D	2 802
332710	Machine shops . . .	1	45	9	f	D	D	D	D	D	D	D	2 802
3329	Other fabricated metal product manufacturing . . .	—	10	1	270	8 935	181	343	5 294	36 584	13 369	46 133	238
333	Machinery manufacturing . . .	—	58	25	h	D	D	D	D	D	D	D	10 624
3331	Agriculture, construction, and mining machinery manufacturing . . .	—	4	3	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing . . .	—	3	2	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing . . .	—	3	2	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing . . .	—	7	6	721	21 886	477	944	12 312	88 485	36 679	125 150	578
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing . . .	—	7	6	721	21 886	477	944	12 312	88 485	36 679	125 150	578
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing . . .	—	3	2	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing . . .	1	24	7	440	16 644	310	618	10 636	33 510	10 680	43 358	763
33351	Metalworking machinery manufacturing . . .	1	24	7	440	16 644	310	618	10 636	33 510	10 680	43 358	763
3336	Engine, turbine, and power transmission equipment manufacturing . . .	—	5	3	653	31 013	431	1 014	16 544	85 579	65 427	156 712	D
33361	Engine, turbine, and power transmission equipment manufacturing . . .	—	5	3	653	31 013	431	1 014	16 544	85 579	65 427	156 712	D
333618	Other engine equipment manufacturing . . .	—	3	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing . . .	1	13	6	e	D	D	D	D	D	D	D	2 411
33399	All other general purpose machinery manufacturing . . .	1	7	3	281	10 090	136	267	5 754	21 778	19 781	42 305	D
333999	All other miscellaneous general purpose machinery manufacturing . . .	—	5	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA—Con.</b>													
334	Computer and electronic product manufacturing .....	1	22	12	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	6	4	4	e	D	D	D	D	D	D	D	1 093
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	9	5	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	9	5	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media .....	—	2	2	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	2	2	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	18	11	h	D	D	D	D	D	D	D	8 871
3351	Electric lighting equipment manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	9	7	1 867	66 848	1 368	2 856	38 737	276 172	190 797	463 757	5 753
33531	Electrical equipment manufacturing .....	—	9	7	1 867	66 848	1 368	2 856	38 737	276 172	190 797	463 757	5 753
335313	Switchgear and switchboard apparatus manufacturing ...	—	3	2	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	1	5	4	808	32 164	534	1 027	16 339	170 897	51 998	223 367	2 027
3359	Other electrical equipment and component manufacturing .....	—	6	2	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	2	2	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	15	7	2 535	107 075	2 034	4 406	75 972	222 951	920 544	1 149 207	50 862
3363	Motor vehicle parts manufacturing .....	—	12	6	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	—	4	3	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
336412	Aircraft engine and engine parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	44	2	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	—	8	1	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	—	8	1	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA—Con.</b>													
339	Miscellaneous manufacturing .....	1	76	12	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	1	34	6	658	24 356	474	991	13 341	97 588	96 766	194 693	4 221
33911	Medical equipment and supplies manufacturing .....	1	34	6	658	24 356	474	991	13 341	97 588	96 766	194 693	4 221
339113	Surgical appliance and supplies manufacturing .....	—	7	2	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	3	42	6	e	D	D	D	D	D	D	D	D
<b>Asheville, NC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	528	171	24 715	890 149	18 329	37 453	570 734	2 497 970	3 062 341	5 545 020	166 427
311	Food manufacturing .....	8	17	5	561	16 137	406	814	9 798	46 137	138 701	185 333	4 703
3115	Dairy product manufacturing .....	9	2	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing .....	9	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing .....	9	2	2	e	D	D	D	D	D	D	D	D
313	Textile mills .....	—	18	10	2 139	71 232	1 757	3 756	48 951	157 006	216 991	380 822	16 263
3132	Fabric mills .....	—	9	8	g	D	D	D	D	D	D	D	15 550
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
31323	Nonwoven fabric mills .....	—	5	4	727	30 607	527	1 098	17 938	63 969	131 117	199 823	D
313230	Nonwoven fabric mills .....	—	5	4	727	30 607	527	1 098	17 938	63 969	131 117	199 823	D
3133	Textile and fabric finishing and fabric coating mills .....	9	6	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	9	5	1	e	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	9	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	1	25	10	1 486	37 980	1 094	2 179	22 510	85 928	67 936	153 716	3 467
3141	Textile furnishings mills .....	1	9	4	889	23 469	638	1 332	13 566	64 399	49 791	113 812	2 683
31412	Curtain and linen mills .....	—	6	3	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	4	3	813	21 484	573	1 200	11 958	59 657	36 610	95 889	D
3149	Other textile product mills .....	1	16	6	597	14 511	456	847	8 944	21 529	18 145	39 904	784
31499	All other textile product mills .....	—	10	3	460	11 012	368	718	7 570	16 471	14 093	31 292	605
314999	All other miscellaneous textile product mills .....	—	10	3	460	11 012	368	718	7 570	16 471	14 093	31 292	605
321	Wood product manufacturing .....	—	22	7	470	13 515	367	771	9 054	25 021	30 394	54 227	2 035
3219	Other wood product manufacturing .....	—	14	4	367	10 508	269	539	6 276	15 815	15 134	30 165	1 773
322	Paper manufacturing .....	—	7	7	1 829	81 333	1 501	3 519	62 415	258 669	361 568	594 879	21 115
3221	Pulp, paper, and paperboard mills .....	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	6	6	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	5	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	3	50	8	654	20 493	443	644	11 473	48 800	20 579	69 117	871
3231	Printing and related support activities .....	3	50	8	654	20 493	443	644	11 473	48 800	20 579	69 117	871
32311	Printing .....	2	48	7	e	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	2	23	6	361	12 491	208	405	6 883	27 749	11 661	39 622	523
325	Chemical manufacturing .....	—	9	5	348	12 965	268	564	7 753	34 057	53 672	88 492	3 693
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	4	4	295	10 351	233	485	6 586	24 136	46 293	70 591	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Asheville, NC Metropolitan Statistical Area—Con.</b>												
326	Plastics and rubber products manufacturing .....	-	26	17	2 801	89 766	2 348	4 864	71 905	334 091	248 499	583 693	14 369
3261	Plastics product manufacturing ..	-	24	15	g	D	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	14	8	1 019	26 822	832	1 679	18 184	78 015	59 380	138 816	5 858
326199	All other plastics product manufacturing .....	2	13	7	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	1	2	2	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	25	9	500	16 712	387	777	12 193	40 198	39 396	79 393	2 920
3273	Cement and concrete product manufacturing .....	-	9	8	405	13 688	313	635	10 124	33 809	34 396	68 005	2 593
32732	Ready-mix concrete manufacturing .....	-	4	4	e	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing .....	-	4	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	84	23	1 746	59 904	1 252	2 467	38 802	151 553	91 032	240 339	5 673
3323	Architectural and structural metals manufacturing .....	-	9	4	330	9 122	210	329	4 994	15 969	14 495	30 072	649
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	1	49	11	771	28 682	561	1 174	19 850	65 772	23 247	91 324	2 914
33271	Machine shops .....	1	44	9	706	26 112	520	1 090	18 607	59 043	21 137	82 800	2 802
332710	Machine shops .....	1	44	9	706	26 112	520	1 090	18 607	59 043	21 137	82 800	2 802
3329	Other fabricated metal product manufacturing .....	-	10	1	270	8 935	181	343	5 294	36 584	13 369	46 133	238
333	Machinery manufacturing .....	-	57	24	2 587	97 661	1 641	3 306	54 710	338 205	272 336	614 395	10 624
3331	Agriculture, construction, and mining machinery manufacturing .....	-	4	3	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	7	6	721	21 886	477	944	12 312	88 485	36 679	125 150	578
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	7	6	721	21 886	477	944	12 312	88 485	36 679	125 150	578
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	1	24	7	440	16 644	310	618	10 636	33 510	10 680	43 358	763
33351	Metalworking machinery manufacturing .....	1	24	7	440	16 644	310	618	10 636	33 510	10 680	43 358	763
3336	Engine, turbine, and power transmission equipment manufacturing .....	-	5	3	653	31 013	431	1 014	16 544	85 579	65 427	156 712	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	-	5	3	653	31 013	431	1 014	16 544	85 579	65 427	156 712	D
333618	Other engine equipment manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)					
	<b>ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA—Con.</b>													
	<b>Asheville, NC Metropolitan Statistical Area—Con.</b>													
333	Machinery manufacturing—Con.													
3339	Other general purpose machinery manufacturing .....	1	12	5	e	D	D	D	D	D	D	D	2 411	
33399	All other general purpose machinery manufacturing ....	1	7	3		281	10 090	136	267	5 754	21 778	19 781	42 305	D
333999	All other miscellaneous general purpose machinery manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D	
334	Computer and electronic product manufacturing .....	1	20	10		1 824	71 712	1 106	2 032	29 816	160 204	146 550	305 527	13 249
3342	Communications equipment manufacturing .....	6	4	4	e	D	D	D	D	D	D	D	D	1 093
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	8	4		551	17 244	371	417	5 359	28 581	30 323	57 989	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	8	4		551	17 244	371	417	5 359	28 581	30 323	57 989	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media .....	—	2	2	f	D	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media ...	—	2	2	f	D	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	—	2	2	f	D	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	17	11		3 294	124 684	2 368	4 637	74 801	402 882	279 542	680 310	8 871
3351	Electric lighting equipment manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	9	7		1 867	66 848	1 368	2 856	38 737	276 172	190 797	463 757	5 753
33531	Electrical equipment manufacturing .....	—	9	7		1 867	66 848	1 368	2 856	38 737	276 172	190 797	463 757	5 753
335313	Switchgear and switchboard apparatus manufacturing ...	—	3	2	f	D	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	1	5	4		808	32 164	534	1 027	16 339	170 897	51 998	223 367	2 027
3359	Other electrical equipment and component manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	2	2	f	D	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	15	7		2 535	107 075	2 034	4 406	75 972	222 951	920 544	1 149 207	50 862
3363	Motor vehicle parts manufacturing .....	—	12	6	g	D	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	—	4	3	f	D	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	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	1	1	f	D	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	D
33641	Aerospace product and parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D	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>ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Asheville, NC Metropolitan Statistical Area—Con.</b>													
337	Furniture and related product manufacturing .....	1	42	2	670	26 206	532	1 051	18 785	46 606	25 961	72 980	1 921
3372	Office furniture (including fixtures) manufacturing .....	—	8	1	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	—	8	1	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	73	10	935	32 598	644	1 306	17 692	117 612	108 489	226 304	4 935
3391	Medical equipment and supplies manufacturing .....	1	34	6	658	24 356	474	991	13 341	97 588	96 766	194 693	4 221
33911	Medical equipment and supplies manufacturing .....	1	34	6	658	24 356	474	991	13 341	97 588	96 766	194 693	4 221
339113	Surgical appliance and supplies manufacturing .....	—	7	2	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	3	39	4	277	8 242	170	315	4 351	20 024	11 723	31 611	714
<b>Brevard, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	7	31	10	1 231	45 034	1 017	2 024	33 183	118 141	125 505	244 579	7 622
313	Textile mills .....	9	2	1	e	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	9	1	1	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	9	1	1	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	9	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	9	1	1	e	D	D	D	D	D	D	D	D
32212	Paper mills .....	9	1	1	e	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	9	1	1	e	D	D	D	D	D	D	D	D
<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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>												
311	Food manufacturing—Con.											
3119	Other food manufacturing	3	21	7	g	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	2	2	f	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	2	2	f	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing	9	1	1	e	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	9	1	1	e	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	12	6	h	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
31211	Soft drink and ice manufacturing	1	9	5	f	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
3122	Tobacco manufacturing	—	2	1	h	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	2	1	h	D	D	D	D	D	D	D
312221	Cigarette manufacturing	—	1	1	h	D	D	D	D	D	D	D
313	Textile mills	2	221	138	j	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	71	54	i	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	—	71	54	i	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	56	46	i	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	—	13	7	f	D	D	D	D	D	D	D
3132	Fabric mills	4	96	57	j	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	5	39	23	i	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	5	39	23	i	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
313221	Narrow fabric mills	4	15	7	f	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	—	8	7	e	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	—	8	7	e	D	D	D	D	D	D	D
31324	Knit fabric mills	1	34	20	g	D	D	D	D	D	D	D
313241	Weft knit fabric mills	2	21	10	g	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills	—	13	10	g	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
31331	Textile and fabric finishing mills	—	49	24	h	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	27	10	g	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
314	Textile product mills	—	87	25	h	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	39	13	h	D	D	D	D	D	D	D
31411	Carpet and rug mills	—	3	1	e	D	D	D	D	D	D	D
314110	Carpet and rug mills	—	3	1	e	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	36	12	g	D	D	D	D	D	D	D
314129	Other household textile product mills	—	15	10	g	D	D	D	D	D	D	D
3149	Other textile product mills	—	48	12	g	D	D	D	D	D	D	D
31499	All other textile product mills	—	41	11	f	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills	—	2	2	e	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
315	Apparel manufacturing	1	80	36	h	D	D	D	D	D	D	D
3151	Apparel knitting mills	3	26	13	g	D	D	D	D	D	D	D
31511	Hosiery and sock mills	4	17	8	g	D	D	D	D	D	D	D
315111	Sheer hosiery mills	3	10	4	f	D	D	D	D	D	D	D
315119	Other hosiery and sock mills	7	7	4	f	D	D	D	D	D	D	D
31519	Other apparel knitting mills	1	9	5	e	D	D	D	D	D	D	D
315191	Outerwear knitting mills	1	9	5	e	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	1	45	21	g	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	4	21	6	e	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
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	5	8	7	e	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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>													
315	Apparel manufacturing—Con.												
3152	Cut and sew apparel manufacturing—Con.												
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
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
3259	Other chemical product and preparation manufacturing .....	2	38	17	g	D	D	D	D	D	D	D	D
32591	Printing ink manufacturing .....	—	14	8	f	D	D	D	D	D	D	D	D
325910	Printing ink manufacturing ...	—	14	8	f	D	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	D
325991	Custom compounding of purchased resins .....	—	12	5	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	163	97	j	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	118	74	i	D	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	D
326112	Plastics packaging film and sheet (including laminated) manufacturing .....	—	3	3	e	D	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	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	—	8	6	g	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing .....	—	4	4	f	D	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	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	1	5	4	e	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All 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>											
326	Plastics and rubber products manufacturing—Con.											
3261	Plastics product manufacturing—Con.											
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
3273	Cement and concrete product manufacturing .....	1	66	23	g	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing .....	2	41	12	f	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing .....	2	41	12	f	D	D	D	D	D	D	D
32739	Other concrete product manufacturing .....	—	17	7	f	D	D	D	D	D	D	D
327390	Other concrete product manufacturing .....	—	17	7	f	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing .....	1	27	9	f	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
331	Primary metal manufacturing .....	—	31	17	h	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
33111	Iron and steel mills and ferroalloy manufacturing .....	—	5	3	e	D	D	D	D	D	D	D
331111	Iron and steel mills .....	—	5	3	e	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	—	4	3	f	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	4	3	f	D	D	D	D	D	D	D
331312	Primary aluminum production .....	—	1	1	e	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing .....	—	2	2	e	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>												
331	Primary metal manufacturing—Con.												
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
3326	Spring and wire product manufacturing .....	3	18	6	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing .....	3	18	6	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing .....	3	15	4	e	D	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	D
33271	Machine shops .....	2	239	19	g	D	D	D	D	D	D	D	D
332710	Machine shops .....	2	239	19	g	D	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	D
332721	Precision turned product manufacturing .....	5	15	6	e	D	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	D
33281	Coating, engraving, heat treating, and allied activities ..	2	51	8	f	D	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	D
3329	Other fabricated metal product manufacturing .....	—	60	19	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	—	12	4	f	D	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	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing—Con.												
33299	All other fabricated metal product manufacturing . . . . .	—	48	15	g	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing . . . . .	—	3	3	f	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing . . . . .	—	6	2	e	D	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	D
333	Machinery manufacturing . . . . .	1	287	112	j	D	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	D
33312	Construction machinery manufacturing . . . . .	1	10	7	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing . . . . .	1	10	7	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing . . . . .	1	105	41	h	D	D	D	D	D	D	D	D
33321	Sawmill and woodworking machinery manufacturing . . . . .	—	5	3	e	D	D	D	D	D	D	D	D
333210	Sawmill and woodworking machinery manufacturing . . . . .	—	5	3	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing . . . . .	1	94	36	g	D	D	D	D	D	D	D	D
333292	Textile machinery manufacturing . . . . .	1	62	20	g	D	D	D	D	D	D	D	D
333293	Printing machinery and equipment manufacturing . . . . .	—	7	5	e	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing . . . . .	2	22	10	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing . . . . .	—	19	6	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing . . . . .	—	19	6	f	D	D	D	D	D	D	D	D
333313	Office machinery manufacturing . . . . .	—	2	1	e	D	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	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing . . . . .	2	20	13	g	D	D	D	D	D	D	D	D
333411	Air purification equipment manufacturing . . . . .	2	10	7	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing . . . . .	2	7	5	g	D	D	D	D	D	D	D	D
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

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
333	Machinery manufacturing—Con.												
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
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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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</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
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	Knit fabric mills .....	6	9	6	355	9 537	283	552	6 675	15 109	21 219	36 522	D
313249	Weft 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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
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
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

See footnotes at end of table.



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

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

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<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>													
325	Chemical manufacturing—Con.												
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
3259	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	Printing ink manufacturing ....	—	13	7	437	19 316	292	620	11 220	50 289	86 293	136 264	1 804
325910	Printing ink manufacturing ....	—	13	7	437	19 316	292	620	11 220	50 289	86 293	136 264	1 804
32599	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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>												
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>												
332	Fabricated metal product manufacturing—Con.												
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>												
333	Machinery manufacturing—Con.												
33399	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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
336	Transportation equipment manufacturing—Con.												
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	116	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	6	81	110	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 .....	18	132	16	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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>Chester, SC Micropolitan Statistical Area—Con.</b>													
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
<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 .....	-	'4	'4	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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
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
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

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Salisbury, NC Micropolitan Statistical Area—Con.</b>													
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
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

See footnotes at end of table.



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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>												
336	Transportation equipment manufacturing—Con.												
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
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
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

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>													
336	Transportation equipment manufacturing—Con.												
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
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>GREENSBORO--WINSTON-SALEM-HIGH POINT, NC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	'2 254	'898	'130 916	'4 229 608	'102 533	'195 672	'2 811 720	'20 186 668	'13 979 902	'34 109 513	'883 823
311	Food manufacturing .....	1	99	41	h	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing .....	3	4	3	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing .....	3	4	3	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing ....	3	3	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	21	12	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	21	12	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	-	11	4	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	3	3	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	36	10	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	31	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	10	6	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing .....	1	16	8	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing .....	-	4	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
312	Beverage and tobacco product manufacturing .....	—	17	9	i	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	6	12	4	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	—	7	3	e	D	D	D	D	D	D	D	D
312112	Bottled water manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
31212	Breweries .....	9	2	1	g	D	D	D	D	D	D	D	D
312120	Breweries .....	9	2	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	5	5	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	—	5	5	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing .....	—	4	4	h	D	D	D	D	D	D	D	D
313	Textile mills .....	1	107	76	16 010	437 969	13 833	26 678	332 476	1 053 468	2 045 856	3 097 695	D
3131	Fiber, yarn, and thread mills .....	—	26	25	i	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	—	26	25	i	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	12	12	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	1	14	13	h	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	52	37	i	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	3	19	12	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	3	19	12	h	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery .....	1	6	3	e	D	D	D	D	D	D	D	D
313221	Narrow fabric mills .....	1	6	3	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	—	7	6	f	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	—	7	6	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	1	20	16	h	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	—	10	8	g	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	5	10	8	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	—	29	14	h	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	—	27	12	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	18	6	g	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	9	6	f	D	D	D	D	D	D	D	D
31332	Fabric coating mills .....	—	2	2	e	D	D	D	D	D	D	D	D
313320	Fabric coating mills .....	—	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	3	83	31	h	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	4	37	14	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	9	3	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	9	3	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	34	13	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	18	11	1 299	28 206	1 131	2 110	20 974	37 050	66 974	121 966	D
3149	Other textile product mills .....	2	46	17	g	D	D	D	D	D	D	D	D
31499	All other textile product mills .....	2	36	14	g	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
314999	All other miscellaneous textile product mills .....	5	31	12	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	3	119	59	j	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	1	62	37	i	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	1	52	30	i	D	D	D	D	D	D	D	D
315111	Shear hosiery mills .....	—	15	9	g	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	1	37	21	h	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	10	7	g	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills .....	—	6	3	f	D	D	D	D	D	D	D	D
315192	Underwear and nightwear knitting mills .....	—	4	4	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	7	47	19	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors .....	1	29	9	e	D	D	D	D	D	D	D	D
315211	Men's and boys' cut and sew apparel contractors .....	2	11	5	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing .....	9	7	3	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing .....	—	11	7	f	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	—	5	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
315	Apparel manufacturing—Con.												
3159	Apparel accessories and other apparel manufacturing .....	4	10	3	e	D	D	D	D	D	D	D	
31599	Apparel accessories and other apparel manufacturing .....	4	10	3	e	D	D	D	D	D	D	D	
315999	Other apparel accessories and other apparel manufacturing .....	4	8	3	e	D	D	D	D	D	D	D	
321	Wood product manufacturing .....	1	159	62	4 638	135 820	3 795	7 280	92 346	369 000	450 585	807 457	22 640
3211	Sawmills and wood preservation .	1	40	10	f	D	D	D	D	D	D	D	
32111	Sawmills and wood preservation .....	1	40	10	f	D	D	D	D	D	D	D	
321113	Sawmills .....	1	34	9	e	D	D	D	D	D	D	D	
3212	Veneer, plywood, and engineered wood product manufacturing ....	1	29	20	g	D	D	D	D	D	D	D	
32121	Veneer, plywood, and engineered wood product manufacturing .....	1	29	20	g	D	D	D	D	D	D	D	
321211	Hardwood veneer and plywood manufacturing ....	2	19	10	f	D	D	D	D	D	D	D	
321219	Reconstituted wood product manufacturing .....	—	7	7	f	D	D	D	D	D	D	D	
3219	Other wood product manufacturing .....	2	90	32	2 797	80 009	2 254	4 303	53 152	242 127	252 672	482 205	D
32191	Millwork .....	1	45	15	g	D	D	D	D	D	D	12 674	
321912	Cut stock, resawing lumber, and planing .....	2	15	4	e	D	D	D	D	D	D	D	
321918	Other millwork (including flooring) .....	—	21	7	g	D	D	D	D	D	D	D	
32192	Wood container and pallet manufacturing .....	4	17	5	f	D	D	D	D	D	D	D	
321920	Wood container and pallet manufacturing .....	4	17	5	f	D	D	D	D	D	D	D	
32199	All other wood product manufacturing .....	3	28	12	f	D	D	D	D	D	D	D	
321999	All other miscellaneous wood product manufacturing .....	3	19	7	e	D	D	D	D	D	D	D	
322	Paper manufacturing .....	—	'64	'42	'5 552	'213 915	'4 047	'8 080	'135 375	'580 364	'685 912	'1 263 599	'52 001
3222	Converted paper product manufacturing .....	—	'63	'41	i	D	D	D	D	D	D	D	'52 001
32221	Paperboard container manufacturing .....	—	'31	'22	h	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	—	19	12	g	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing .....	—	'9	'8	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	1	16	8	g	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing .....	1	11	6	e	D	D	D	D	D	D	D	D
322225	Laminated aluminum foil manufacturing for flexible packaging uses .....	—	1	1	g	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing .....	—	6	4	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing .....	2	10	7	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing .....	3	9	6	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	'1	'246	'68	'5 891	'193 684	'4 351	'8 522	'121 167	'476 030	'252 716	'725 515	'26 900
3231	Printing and related support activities .....	'1	'246	'68	'5 891	'193 684	'4 351	'8 522	'121 167	'476 030	'252 716	'725 515	'26 900
32311	Printing .....	—	'215	'50	i	D	D	D	D	D	D	D	'24 784
323110	Commercial lithographic printing .....	—	'93	'22	g	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing .....	3	11	6	e	D	D	D	D	D	D	D	D
323113	Commercial screen printing ..	1	35	9	g	D	D	D	D	D	D	D	D
323116	Manifold business forms printing .....	—	5	2	e	D	D	D	D	D	D	D	D
323117	Books printing .....	—	2	2	e	D	D	D	D	D	D	D	D
323119	Other commercial printing ...	1	18	4	e	D	D	D	D	D	D	D	D
32312	Support activities for printing...	1	31	18	f	D	D	D	D	D	D	D	2 116
323121	Tradebinding and related work .....	—	17	10	f	D	D	D	D	D	D	D	963
323122	Prepress services .....	1	14	8	e	D	D	D	D	D	D	D	1 153

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
325	Chemical manufacturing .....	-	82	41	i	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	11	5	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	-	5	3	1 220	46 508	937	1 855	31 371	426 190	153 016	566 853	15 773
32541	Pharmaceutical and medicine manufacturing .....	-	5	3	1 220	46 508	937	1 855	31 371	426 190	153 016	566 853	15 773
325412	Pharmaceutical preparation manufacturing .....	-	4	2	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	2	16	13	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing .....	2	11	10	g	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing .....	2	11	10	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .	-	14	8	g	D	D	D	D	D	D	D	9 166
32561	Soap and cleaning compound manufacturing .....	-	12	6	f	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing .....	-	6	3	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	-	21	7	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	15	6	g	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	-	7	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	117	69	i	D	D	D	D	D	D	D	69 683
3261	Plastics product manufacturing ..	1	98	57	i	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	-	12	8	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	4	4	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	-	8	4	e	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	-	8	4	e	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing .....	-	23	15	g	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing .....	-	23	15	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	44	24	h	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	2	41	23	h	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	19	12	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	1	4	3	e	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	-	1	1	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	-	13	8	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use .....	-	6	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	102	36	h	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing .....	2	13	5	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing ....	1	5	4	f	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing .....	1	3	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>												
327	Nonmetallic mineral product manufacturing—Con.												
3272	Glass and glass product manufacturing .....	—	17	8	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	17	8	g	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	—	14	6	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	2	52	17	g	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing .....	2	33	8	f	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing .....	2	33	8	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing .....	1	19	6	e	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing .....	1	16	6	e	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing .....	—	10	5	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	4	21	10	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	—	2	2	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	8	7	3	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	9	2	1	f	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding .....	9	2	1	f	D	D	D	D	D	D	D	D
3315	Foundries .....	—	8	4	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries .....	—	6	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	'314	'95	'9 133	'309 804	'7 223	'14 093	'212 864	'925 420	'772 868	'1 702 971	'38 439
3321	Forging and stamping .....	—	'12	'7	e	D	D	D	D	D	D	D	D
33211	Forging and stamping .....	—	'12	'7	e	D	D	D	D	D	D	D	D
332116	Metal stamping .....	—	'11	'6	e	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing .....	1	9	5	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	1	9	5	f	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	1	86	25	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	1	38	10	f	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing .....	1	13	4	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	1	21	6	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	1	48	15	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing .....	1	9	5	e	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing .....	1	28	8	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing .....	—	7	5	f	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing .....	—	14	7	g	D	D	D	D	D	D	D	D
33251	Hardware manufacturing .....	—	14	7	g	D	D	D	D	D	D	D	D
332510	Hardware manufacturing .....	—	14	7	g	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>												
332	Fabricated metal product manufacturing—Con.												
3326	Spring and wire product manufacturing .....	-	17	9	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing .....	-	17	9	f	D	D	D	D	D	D	D	D
332612	Spring (light gauge) manufacturing .....	-	6	4		376	9 742	311	625	7 265	33 112	35 291	67 824
332618	Other fabricated wire product manufacturing .....	-	9	5	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	3	111	19	g	D	D	D	D	D	D	D	D
33271	Machine shops .....	3	97	15	g	D	D	D	D	D	D	D	D
332710	Machine shops .....	3	97	15	g	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing .....	2	14	4	e	D	D	D	D	D	D	D	D
332722	Bolt, nut, screw, rivet, and washer manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities .....	1	31	9	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	1	31	9	e	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	18	5	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	27	9	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing ....	-	5	4	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing .....	-	4	3		328	11 094	237	522	7 043	41 587	32 737	73 771
33299	All other fabricated metal product manufacturing .....	1	22	5	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	125	36	i	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	2	40	8	f	D	D	D	D	D	D	D	2 397
33329	Other industrial machinery manufacturing .....	1	30	6	f	D	D	D	D	D	D	D	D
333292	Textile machinery manufacturing .....	1	14	3	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing .....	-	9	3	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	-	9	3	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	2	10	2	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	2	10	2	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	-	34	8	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing .....	-	34	8	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	-	26	13	h	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing .....	-	5	4	g	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing .....	-	16	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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
334	Computer and electronic product manufacturing .....	—	36	16	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	14	9	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	14	9	h	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing .....	—	6	5	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	2	11	3	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	2	11	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	31	18	h	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing .....	1	7	2	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	1	7	2	e	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	3	11	5	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	3	11	5	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing .....	4	4	3	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	13	11	h	D	D	D	D	D	D	D	D
33591	Battery manufacturing .....	—	6	6	h	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing .....	—	3	3	g	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
33593	Wiring device manufacturing ..	—	2	2	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 .....	—	40	13	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	2	3	1	e	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	—	16	5	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	—	16	5	g	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	—	8	4	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	18	6	g	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
33636	Motor vehicle seating and interior trim manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	'320	'141	'25 013	'621 771	'21 009	'37 498	'439 026	'1 332 008	'1 129 063	'2 438 718	'46 044

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing—Con.												
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	218	89	j	D	D	D	D	D	D	D	
33711	Wood kitchen cabinet and countertop manufacturing ....	9	44	7	g	D	D	D	D	D	D	D	
337110	Wood kitchen cabinet and countertop manufacturing ..	9	44	7	g	D	D	D	D	D	D	D	
33712	Household and institutional furniture manufacturing .....	2	174	82	18 303	448 912	15 767	28 132	328 756	937 447	803 968	1 717 021	36 324
337121	Upholstered household furniture manufacturing ....	—	94	43	i	D	D	D	D	D	D	D	
337122	Nonupholstered wood household furniture manufacturing .....	3	61	26	i	D	D	D	D	D	D	D	
337124	Metal household furniture manufacturing .....	8	7	5	e	D	D	D	D	D	D	D	
3372	Office furniture (including fixtures) manufacturing .....	1	'83	'43	h	D	D	D	D	D	D	D	
33721	Office furniture (including fixtures) manufacturing .....	1	'83	'43	h	D	D	D	D	D	D	D	
337211	Wood office furniture manufacturing .....	2	15	14	g	D	D	D	D	D	D	D	
337214	Office furniture (except wood) manufacturing .....	1	6	2	e	D	D	D	D	D	D	D	
337215	Showcase, partition, shelving, and locker manufacturing .....	1	'54	'25	g	D	D	D	D	D	D	D	
3379	Other furniture related product manufacturing .....	5	19	9	g	D	D	D	D	D	D	D	
33791	Mattress manufacturing .....	5	13	8	g	D	D	D	D	D	D	D	
337910	Mattress manufacturing .....	5	13	8	g	D	D	D	D	D	D	D	
339	Miscellaneous manufacturing .....	1	'156	'34	h	D	D	D	D	D	D	D	
3391	Medical equipment and supplies manufacturing .....	—	65	8	g	D	D	D	D	D	D	D	
33911	Medical equipment and supplies manufacturing .....	—	65	8	g	D	D	D	D	D	D	D	
339112	Surgical and medical instrument manufacturing ..	—	6	3	g	D	D	D	D	D	D	D	
339113	Surgical appliance and supplies manufacturing ....	—	4	3	f	D	D	D	D	D	D	D	
3399	Other miscellaneous manufacturing .....	'1	'91	'26	g	D	D	D	D	D	D	D	
33995	Sign manufacturing .....	'3	'41	'10	f	D	D	D	D	D	D	D	
339950	Sign manufacturing .....	'3	'41	'10	f	D	D	D	D	D	D	D	
33999	All other miscellaneous manufacturing .....	1	37	14	g	D	D	D	D	D	D	D	
339999	All other miscellaneous manufacturing .....	1	31	13	g	D	D	D	D	D	D	D	
<b>Greensboro-High Point, NC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	1 286	550	73 463	2 405 714	57 179	109 044	1 586 430	9 998 475	8 226 319	18 210 292	573 488
311	Food manufacturing .....	2	51	23	2 540	80 434	1 643	3 359	45 285	705 723	540 519	1 247 509	25 107
3116	Animal slaughtering and processing .....	—	14	8	1 150	33 373	775	1 643	19 865	176 847	245 111	423 594	2 355
31161	Animal slaughtering and processing .....	—	14	8	1 150	33 373	775	1 643	19 865	176 847	245 111	423 594	2 355
311611	Animal (except poultry) slaughtering .....	—	9	4	539	14 301	283	546	5 986	98 055	104 176	203 503	1 128
311615	Poultry processing .....	—	1	1	e	D	D	D	D	D	D	D	
3118	Bakeries and tortilla manufacturing .....	—	13	3	e	D	D	D	D	D	D	D	
31181	Bread and bakery product manufacturing .....	—	13	3	e	D	D	D	D	D	D	D	
311812	Commercial bakeries .....	—	4	2	e	D	D	D	D	D	D	D	
3119	Other food manufacturing .....	2	11	5	400	17 234	313	586	11 224	45 625	59 965	105 714	8 597
312	Beverage and tobacco product manufacturing .....	2	7	3	h	D	D	D	D	D	D	D	
3121	Beverage manufacturing .....	9	5	1	g	D	D	D	D	D	D	D	
31212	Breweries .....	9	1	1	g	D	D	D	D	D	D	D	
312120	Breweries .....	9	1	1	g	D	D	D	D	D	D	D	
3122	Tobacco manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	
31222	Tobacco product manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	
312221	Cigarette manufacturing ....	—	2	2	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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Greensboro-High Point, NC Metropolitan Statistical Area—Con.</b>													
313	Textile mills .....	1	72	51	10 118	279 851	8 920	17 114	222 052	645 593	1 270 821	1 921 313	41 388
3131	Fiber, yarn, and thread mills .....	—	18	17	3 534	97 420	3 178	5 828	81 846	238 788	573 197	818 942	13 136
31311	Fiber, yarn, and thread mills ...	—	18	17	3 534	97 420	3 178	5 828	81 846	238 788	573 197	818 942	13 136
313111	Yarn spinning mills .....	—	7	7	1 136	32 693	1 071	2 237	29 892	77 204	221 172	296 785	D
313112	Yarn texturizing, throwing, and twisting mills .....	—	11	10	2 398	64 727	2 107	3 591	51 954	161 584	352 025	522 157	D
3132	Fabric mills .....	2	36	25	5 472	148 346	4 837	9 374	116 138	326 446	465 041	795 594	25 553
31321	Broadwoven fabric mills .....	3	13	7	2 534	68 585	2 276	4 519	57 360	139 172	184 312	332 080	11 989
313210	Broadwoven fabric mills .....	3	13	7	2 534	68 585	2 276	4 519	57 360	139 172	184 312	332 080	11 989
31324	Knit fabric mills .....	1	16	12	2 523	67 505	2 209	4 316	50 477	153 198	232 794	383 647	9 221
313241	Weft knit fabric mills .....	—	7	5	1 535	42 906	1 347	2 573	32 171	99 782	156 328	258 948	D
313249	Other knit fabric and lace mills .....	5	9	7	988	24 599	862	1 743	18 306	53 416	76 466	124 699	D
3133	Textile and fabric finishing and fabric coating mills .....	—	18	9	1 112	34 085	905	1 912	24 068	80 359	232 583	306 777	2 699
31331	Textile and fabric finishing mills .....	1	17	8	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	12	4	523	17 507	420	902	11 552	34 791	98 093	132 958	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	5	4	e	D	D	D	D	D	D	D	D
31332	Fabric coating mills .....	—	1	1	e	D	D	D	D	D	D	D	D
313320	Fabric coating mills .....	—	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	4	55	24	2 698	73 030	2 290	4 353	54 532	148 128	205 421	392 485	8 312
3141	Textile furnishings mills .....	4	26	12	g	D	D	D	D	D	D	D	1 691
31411	Carpet and rug mills .....	9	3	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	9	3	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	23	11	1 206	26 531	1 045	1 878	19 979	33 748	73 461	127 393	D
314129	Other household textile product mills .....	—	15	9	1 053	23 811	916	1 669	17 991	26 912	60 332	105 162	1 566
3149	Other textile product mills .....	3	29	12	g	D	D	D	D	D	D	D	6 621
31499	All other textile product mills ...	3	23	10	f	D	D	D	D	D	D	D	6 593
314992	Tire cord and tire fabric mills .	—	1	1	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	7	20	9	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	1	61	28	3 664	80 636	2 966	5 927	56 879	213 702	193 128	406 875	7 261
3151	Apparel knitting mills .....	1	30	16	3 057	68 879	2 523	5 112	50 914	189 390	178 309	367 154	D
31511	Hosiery and sock mills .....	2	26	13	g	D	D	D	D	D	D	D	6 326
315111	Sheer hosiery mills .....	—	9	4	g	D	D	D	D	D	D	D	1 466
315119	Other hosiery and sock mills .	4	17	9	1 329	29 317	1 111	2 097	23 063	78 073	46 544	124 620	4 860
31519	Other apparel knitting mills .....	—	4	3	f	D	D	D	D	D	D	D	D
315192	Underwear and nightwear knitting mills .....	—	1	1	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	1	26	11	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors .....	2	16	6	294	4 303	256	438	2 978	6 453	1 285	7 960	D
321	Wood product manufacturing .....	—	62	27	2 028	61 928	1 641	3 249	41 521	187 783	220 606	395 594	14 603
3211	Sawmills and wood preservation .	—	18	5	260	7 390	220	402	5 223	14 993	50 181	65 191	2 000
32111	Sawmills and wood preservation .....	—	18	5	260	7 390	220	402	5 223	14 993	50 181	65 191	2 000
3212	Veneer, plywood, and engineered wood product manufacturing .....	2	9	8	446	13 166	369	748	9 265	27 543	27 636	55 008	779
32121	Veneer, plywood, and engineered wood product manufacturing .....	2	9	8	446	13 166	369	748	9 265	27 543	27 636	55 008	779
3219	Other wood product manufacturing .....	—	35	14	1 322	41 372	1 052	2 099	27 033	145 247	142 789	275 395	11 824
32191	Millwork .....	—	18	7	959	31 525	762	1 538	20 100	125 066	127 351	239 979	11 119
321918	Other millwork (including flooring) .....	—	8	3	743	26 166	584	1 169	16 181	114 673	115 632	218 500	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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Greensboro-High Point, NC Metropolitan Statistical Area—Con.</b>													
322	Paper manufacturing .....	2	41	26	1 955	73 112	1 465	3 098	43 649	187 236	293 431	474 233	14 190
3222	Converted paper product manufacturing .....	2	40	25	g	D	D	D	D	D	D	D	14 190
32221	Paperboard container manufacturing .....	1	18	13	1 051	39 991	794	1 697	24 444	103 813	164 059	267 017	7 859
322211	Corrugated and solid fiber box manufacturing .....	1	10	7	610	23 850	460	973	14 432	68 527	122 554	190 713	4 394
322212	Folding paperboard box manufacturing .....	—	6	5	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	4	11	5	446	19 432	321	708	10 664	54 030	60 928	110 485	4 764
322222	Coated and laminated paper manufacturing .....	2	8	4	257	10 908	187	414	6 515	40 675	43 971	80 642	D
32229	Other converted paper product manufacturing .....	3	7	5	297	8 969	235	467	5 825	21 367	50 969	71 149	D
322299	All other converted paper product manufacturing .....	3	7	5	297	8 969	235	467	5 825	21 367	50 969	71 149	D
323	Printing and related support activities .....	—	147	45	4 122	133 780	3 088	6 198	86 284	332 047	181 023	507 739	18 958
3231	Printing and related support activities .....	—	147	45	4 122	133 780	3 088	6 198	86 284	332 047	181 023	507 739	18 958
32311	Printing .....	—	123	29	3 410	112 486	2 511	5 093	71 775	295 003	173 331	462 984	17 156
323110	Commercial lithographic printing .....	—	59	16	1 800	67 516	1 283	2 517	40 884	147 458	101 547	251 785	13 377
323113	Commercial screen printing ..	—	20	6	917	23 279	720	1 605	16 809	56 908	42 060	90 654	1 144
323116	Manifold business forms printing .....	—	3	2	e	D	D	D	D	D	D	D	D
32312	Support activities for printing ...	1	24	16	712	21 294	577	1 105	14 509	37 044	7 692	44 755	1 802
323121	Tradebinding and related work .....	—	15	10	482	10 575	418	761	7 603	15 177	3 098	18 347	963
325	Chemical manufacturing .....	—	58	31	5 630	242 584	3 553	6 698	125 692	2 515 902	1 159 100	3 674 805	61 984
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	10	5	e	D	D	D	D	D	D	D	3 032
3254	Pharmaceutical and medicine manufacturing .....	—	5	3	1 220	46 508	937	1 855	31 371	426 190	153 016	566 853	15 773
32541	Pharmaceutical and medicine manufacturing .....	—	5	3	1 220	46 508	937	1 855	31 371	426 190	153 016	566 853	15 773
325412	Pharmaceutical preparation manufacturing .....	—	4	2	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	—	11	9	1 047	43 407	594	1 110	18 912	137 221	165 890	303 367	D
32551	Paint and coating manufacturing .....	—	8	7	971	40 174	539	1 007	16 923	130 722	162 469	293 376	19 339
325510	Paint and coating manufacturing .....	—	8	7	971	40 174	539	1 007	16 923	130 722	162 469	293 376	19 339
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	10	6	g	D	D	D	D	D	D	D	8 322
32561	Soap and cleaning compound manufacturing .....	—	9	5	738	33 521	268	553	8 698	111 528	99 002	208 366	D
325611	Soap and other detergent manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	—	13	6	1 311	55 322	679	1 072	18 302	166 976	409 244	584 766	13 010
32599	All other chemical product and preparation manufacturing ...	—	10	6	1 279	54 042	659	1 034	17 729	162 847	404 768	576 743	12 584
325992	Photographic film, paper, plate, and chemical manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing ..	—	4	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	75	47	4 625	138 771	3 677	7 521	96 004	429 778	382 418	806 390	51 288

See footnotes at end of table.

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

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

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	<b>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Greensboro-High Point, NC Metropolitan Statistical Area—Con.</b>												
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing ..	-	63	39	3 601	112 214	2 928	5 810	77 883	338 212	304 818	638 382	46 648
32615	Urethane and other foam product (except polystyrene) manufacturing .....	-	19	13	1 350	34 718	1 105	2 088	23 717	80 689	98 560	178 856	2 590
326150	Urethane and other foam product (except polystyrene) manufacturing .....	-	19	13	1 350	34 718	1 105	2 088	23 717	80 689	98 560	178 856	2 590
32619	Other plastics product manufacturing .....	-	25	15	1 480	51 003	1 189	2 362	36 227	174 721	96 877	268 568	23 139
326199	All other plastics product manufacturing .....	-	24	15	g	D	D	D	D	D	D	D	23 139
3262	Rubber product manufacturing ...	-	12	8	1 024	26 557	749	1 711	18 121	91 566	77 600	168 008	4 640
32621	Tire manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	-	1	1	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	-	8	5	600	18 228	462	1 043	12 991	43 000	37 159	80 106	1 694
326291	Rubber product manufacturing for mechanical use .....	-	3	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	53	20	1 439	47 540	1 151	2 264	31 734	115 778	88 511	203 483	9 156
3271	Clay product and refractory manufacturing .....	2	11	4	662	22 464	554	1 063	15 331	58 480	37 605	94 957	6 203
32712	Clay building material and refractories manufacturing ....	1	4	3	511	18 176	427	809	12 415	50 813	34 249	83 881	D
327121	Brick and structural clay tile manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	-	23	9	448	16 079	323	657	9 895	31 751	32 525	64 579	1 882
331	Primary metal manufacturing .....	-	10	3	e	D	D	D	D	D	D	D	602
3315	Foundries .....	-	4	3	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries ....	-	3	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	169	56	14 827	168 531	13 854	17 722	118 387	481 194	378 061	855 303	20 888
3323	Architectural and structural metals manufacturing .....	1	42	13	900	30 518	698	1 457	19 598	80 669	69 650	143 421	1 596
33231	Plate work and fabricated structural product manufacturing .....	1	17	5	329	12 278	248	544	8 200	42 533	41 068	78 160	611
332312	Fabricated structural metal manufacturing .....	1	13	4	260	9 897	209	478	7 191	36 846	35 752	67 276	D
33232	Ornamental and architectural metal products manufacturing .....	1	25	8	571	18 240	450	913	11 398	38 136	28 582	65 261	985
332322	Sheet metal work manufacturing .....	1	13	3	277	9 276	226	448	6 114	17 423	10 762	27 982	244
3324	Boiler, tank, and shipping container manufacturing .....	-	6	4	e	D	D	D	D	D	D	D	572
33243	Metal can, box, and other metal container (light gauge) manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing ....	-	1	1	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing .....	-	7	2	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing .....	-	7	2	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing ....	-	7	2	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing .....	-	13	7	620	15 062	525	1 078	11 450	50 096	48 657	96 936	822
33261	Spring and wire product manufacturing .....	-	13	7	620	15 062	525	1 078	11 450	50 096	48 657	96 936	822
332612	Spring (light gauge) manufacturing .....	-	6	4	376	9 742	311	625	7 265	33 112	35 291	67 824	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	49	8	984	33 981	789	1 597	24 165	63 399	45 840	109 406	5 050
33271	Machine shops .....	2	44	7	940	32 099	755	1 535	22 805	60 180	44 456	104 863	5 002
332710	Machine shops .....	2	44	7	940	32 099	755	1 535	22 805	60 180	44 456	104 863	5 002

See footnotes at end of table.

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

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	<b>Greensboro-High Point, NC Metropolitan Statistical Area—Con.</b>												
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities .....	-	22	7	410	12 630	322	585	8 802	24 730	4 365	29 104	502
33281	Coating, engraving, heat treating, and allied activities ..	-	22	7	410	12 630	322	585	8 802	24 730	4 365	29 104	502
3329	Other fabricated metal product manufacturing .....	-	17	6	641	26 031	515	1 041	20 332	90 039	64 857	153 892	8 793
33291	Metal valve manufacturing ....	-	4	3	328	11 094	237	522	7 043	41 587	32 737	73 771	D
332911	Industrial valve manufacturing .....	-	4	3	328	11 094	237	522	7 043	41 587	32 737	73 771	D
33299	All other fabricated metal product manufacturing .....	-	13	3	313	14 937	278	519	13 289	48 452	32 120	80 121	D
333	Machinery manufacturing .....	-	74	18	2 491	115 688	1 303	2 556	44 713	239 227	256 029	502 446	11 049
3332	Industrial machinery manufacturing .....	4	25	2	270	9 503	173	323	4 738	20 939	9 797	31 029	562
3335	Metalworking machinery manufacturing .....	-	22	7	522	20 826	358	768	10 421	44 590	14 894	59 759	3 065
33351	Metalworking machinery manufacturing .....	-	22	7	522	20 826	358	768	10 421	44 590	14 894	59 759	3 065
3339	Other general purpose machinery manufacturing .....	-	16	8	1 455	76 358	618	1 191	25 657	143 798	212 534	362 525	7 079
33391	Pump and compressor manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	20	10	2 943	152 457	2 329	4 566	115 099	613 744	409 979	1 017 503	D
3344	Semiconductor and other electronic component manufacturing .....	-	7	6	2 728	144 408	2 221	4 392	112 080	511 217	335 398	839 341	D
33441	Semiconductor and other electronic component manufacturing .....	-	7	6	2 728	144 408	2 221	4 392	112 080	511 217	335 398	839 341	D
334413	Semiconductor and related device manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	19	9	1 940	63 036	1 618	3 298	49 748	472 329	443 943	913 612	23 607
3359	Other electrical equipment and component manufacturing .....	-	6	5	1 612	54 290	1 389	2 840	43 030	442 202	421 376	860 751	D
33591	Battery manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing .....	-	2	2	g	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 .....	-	17	8	2 935	114 767	2 138	3 647	75 743	140 535	718 078	848 013	14 054
3361	Motor vehicle manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	6	3	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	6	3	g	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	9	3	f	D	D	D	D	D	D	D	2 423
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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Greensboro-High Point, NC Metropolitan Statistical Area—Con.</b>													
337	Furniture and related product manufacturing .....	2	'209	'99	'13 859	'336 751	'11 242	'19 243	'220 258	'711 897	'719 641	'1 428 071	'32 471
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	143	58	9 827	236 287	8 214	13 968	158 084	459 104	518 982	971 590	27 687
33711	Wood kitchen cabinet and countertop manufacturing ....	9	30	5	1 393	37 971	1 177	2 256	27 495	74 069	51 891	124 529	2 369
337110	Wood kitchen cabinet and countertop manufacturing ..	9	30	5	1 393	37 971	1 177	2 256	27 495	74 069	51 891	124 529	2 369
33712	Household and institutional furniture manufacturing .....	1	113	53	8 434	198 316	7 037	11 712	130 589	385 035	467 091	847 061	25 318
337121	Upholstered household furniture manufacturing .....	—	74	37	7 048	166 607	5 910	9 720	110 908	318 614	390 298	703 325	23 025
337122	Nonupholstered wood household furniture manufacturing .....	6	27	8	735	13 593	652	1 082	10 890	29 723	35 120	64 717	837
337124	Metal household furniture manufacturing .....	9	4	3	321	9 760	211	438	3 930	17 243	16 433	34 086	553
3372	Office furniture (including fixtures) manufacturing .....	'1	'55	'35	'3 261	'77 236	'2 382	'4 226	'47 149	'194 335	'140 172	'337 611	'4 015
33721	Office furniture (including fixtures) manufacturing .....	'1	'55	'35	'3 261	'77 236	'2 382	'4 226	'47 149	'194 335	'140 172	'337 611	'4 015
337211	Wood office furniture manufacturing .....	2	13	12	1 958	45 012	1 402	2 446	25 558	130 290	79 784	213 198	2 541
337214	Office furniture (except wood) manufacturing .....	—	5	2	287	7 993	229	382	5 610	22 234	21 399	43 458	138
337215	Showcase, partition, shelving, and locker manufacturing .....	1	'32	'19	'962	'22 374	'711	'1 322	'14 882	'38 753	'36 339	'75 236	'1 278
3379	Other furniture related product manufacturing .....	8	11	6	771	23 228	646	1 049	15 025	58 458	60 487	118 870	769
33791	Mattress manufacturing .....	8	9	5	f	D	D	D	D	D	D	D	D
337910	Mattress manufacturing .....	8	9	5	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	77	21	2 450	80 835	1 794	3 134	44 125	249 294	174 154	414 781	6 729
3391	Medical equipment and supplies manufacturing .....	—	31	5	1 293	42 775	1 000	1 772	24 340	161 928	95 550	250 581	1 355
33911	Medical equipment and supplies manufacturing .....	—	31	5	1 293	42 775	1 000	1 772	24 340	161 928	95 550	250 581	1 355
339112	Surgical and medical instrument manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	1	46	16	1 157	38 060	794	1 362	19 785	87 366	78 604	164 200	5 374
33995	Sign manufacturing .....	3	20	7	354	12 326	229	390	5 805	21 837	18 247	39 804	1 030
339950	Sign manufacturing .....	3	20	7	354	12 326	229	390	5 805	21 837	18 247	39 804	1 030
33999	All other miscellaneous manufacturing .....	—	19	8	635	21 560	435	727	11 386	56 941	42 620	98 120	4 068
339999	All other miscellaneous manufacturing .....	—	16	7	f	D	D	D	D	D	D	D	D
<b>Lexington-Thomasville, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	2	319	118	17 444	504 490	14 445	27 057	352 308	1 207 506	1 208 721	2 413 219	123 685
313	Textile mills .....	—	7	5	642	22 613	554	1 101	17 043	67 371	160 658	227 257	D
3131	Fiber, yarn, and thread mills .....	—	3	3	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	3	3	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	3	3	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	2	1	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 .....	1	8	2	262	4 754	229	467	3 182	10 821	7 269	18 114	D
3141	Textile furnishings mills .....	—	6	2	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	6	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	1	16	10	535	9 749	446	759	6 288	21 484	22 055	43 604	D
3151	Apparel knitting mills .....	2	10	7	292	5 628	244	501	4 125	10 459	9 462	19 931	D
31511	Hosiery and sock mills .....	2	10	7	292	5 628	244	501	4 125	10 459	9 462	19 931	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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Lexington-Thomasville, NC Micropolitan Statistical Area—Con.</b>													
321	Wood product manufacturing . . . . .	3	48	21	1 373	37 007	1 149	2 217	26 031	90 029	114 140	205 562	4 823
3212	Veneer, plywood, and engineered wood product manufacturing . . . . .	1	15	7	443	12 638	365	724	8 097	22 227	29 818	52 197	2 344
32121	Veneer, plywood, and engineered wood product manufacturing . . . . .	1	15	7	443	12 638	365	724	8 097	22 227	29 818	52 197	2 344
3219	Other wood product manufacturing . . . . .	4	25	11	816	21 090	684	1 303	15 361	63 912	71 384	135 255	1 857
32191	Millwork . . . . .	4	17	7	622	15 758	540	1 044	12 277	53 832	62 071	115 753	1 415
321918	Other millwork (including flooring) . . . . .	—	9	3	371	9 096	335	647	7 540	21 156	20 735	41 703	256
322	Paper manufacturing . . . . .	—	5	3	295	11 803	237	429	8 382	29 593	54 592	82 211	3 087
3222	Converted paper product manufacturing . . . . .	—	5	3	295	11 803	237	429	8 382	29 593	54 592	82 211	3 087
323	Printing and related support activities . . . . .	1	25	7	488	18 282	312	636	9 192	40 156	29 639	70 075	2 757
3231	Printing and related support activities . . . . .	1	25	7	488	18 282	312	636	9 192	40 156	29 639	70 075	2 757
32311	Printing . . . . .	1	24	7	e	D	D	D	D	D	D	D	2 757
326	Plastics and rubber products manufacturing . . . . .	4	19	10	1 257	37 846	970	2 017	24 717	112 945	92 577	204 002	14 349
3261	Plastics product manufacturing . . . . .	4	16	9	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing . . . . .	—	4	3	291	10 140	217	447	6 042	26 922	23 268	49 517	D
326111	Plastics bag manufacturing . . . . .	—	3	3	e	D	D	D	D	D	D	D	4 499
32619	Other plastics product manufacturing . . . . .	7	8	4	794	23 349	610	1 283	15 513	75 332	60 347	134 872	D
326199	All other plastics product manufacturing . . . . .	6	7	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing . . . . .	—	16	6	1 438	56 940	1 204	2 248	41 211	150 519	89 281	240 470	7 020
3272	Glass and glass product manufacturing . . . . .	—	4	4	1 196	48 574	1 007	1 843	34 906	129 474	78 912	209 335	6 118
32721	Glass and glass product manufacturing . . . . .	—	4	4	1 196	48 574	1 007	1 843	34 906	129 474	78 912	209 335	6 118
327212	Other pressed and blown glass and glassware manufacturing . . . . .	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing . . . . .	1	42	12	1 102	35 452	881	1 636	23 931	101 970	64 657	165 870	3 541
3323	Architectural and structural metals manufacturing . . . . .	—	12	4	337	11 121	241	488	6 122	21 564	27 185	48 747	1 288
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing . . . . .	6	20	4	e	D	D	D	D	D	D	D	D
33271	Machine shops . . . . .	6	17	3	296	10 045	246	437	7 043	18 671	8 219	26 775	1 171
332710	Machine shops . . . . .	6	17	3	296	10 045	246	437	7 043	18 671	8 219	26 775	1 171
333	Machinery manufacturing . . . . .	—	18	7	686	24 753	501	924	15 722	63 415	146 098	208 336	2 496
3332	Industrial machinery manufacturing . . . . .	—	9	5	416	15 755	285	549	9 944	32 406	25 183	58 565	1 537
33329	Other industrial machinery manufacturing . . . . .	—	7	4	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing . . . . .	—	4	3	802	24 883	584	1 082	12 577	54 298	72 435	127 103	D
3359	Other electrical equipment and component manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
33591	Battery manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing . . . . .	9	14	3	291	8 714	240	454	6 224	17 638	30 188	47 870	652

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Lexington-Thomasville, NC Micropolitan Statistical Area—Con.</b>													
337	Furniture and related product manufacturing .....	3	73	25	8 029	203 992	6 950	12 699	152 871	419 772	290 713	710 849	9 031
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	47	16	7 080	180 313	6 153	11 356	137 842	371 522	233 833	605 312	7 124
33712	Household and institutional furniture manufacturing .....	3	41	16	7 024	178 698	6 107	11 269	136 747	368 402	231 711	600 125	7 041
337121	Upholstered household furniture manufacturing ....	2	16	5	603	14 708	497	946	11 419	24 845	17 573	43 070	D
337122	Nonupholstered wood household furniture manufacturing .....	3	21	9	6 325	161 755	5 536	10 168	124 009	340 520	212 390	552 179	6 713
3372	Office furniture (including fixtures) manufacturing .....	1	20	6	e	D	D	D	D	D	D	D	1 428
33721	Office furniture (including fixtures) manufacturing .....	1	20	6	e	D	D	D	D	D	D	D	1 428
337215	Showcase, partition, shelving, and locker manufacturing .....	—	16	4	293	7 417	217	251	2 884	12 947	11 508	24 677	D
3379	Other furniture related product manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	479
33791	Mattress manufacturing .....	—	4	3	579	13 966	521	992	10 842	30 475	41 711	72 309	D
337910	Mattress manufacturing .....	—	4	3	579	13 966	521	992	10 842	30 475	41 711	72 309	D
<b>Mount Airy, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	134	47	9 458	234 555	7 807	15 769	169 887	572 000	638 272	1 190 536	30 681
311	Food manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	4	5	5	1 420	30 170	1 089	2 014	17 620	49 542	68 280	114 086	2 354
3132	Fabric mills .....	4	4	4	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	6	3	3	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	6	3	3	g	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	—	1	1	e	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	—	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	1	23	10	3 314	73 917	2 795	5 632	55 368	207 360	120 040	319 736	8 006
3151	Apparel knitting mills .....	1	16	9	h	D	D	D	D	D	D	D	8 001
31511	Hosiery and sock mills .....	—	13	7	h	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	—	12	7	2 770	59 426	2 422	4 934	48 084	151 251	93 482	234 526	D
31519	Other apparel knitting mills .....	4	3	2	e	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills .....	—	2	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	14	3	280	10 644	225	509	7 210	34 593	44 152	77 535	1 856
323	Printing and related support activities .....	7	10	2	262	7 885	204	370	4 957	12 775	10 574	25 292	656
3231	Printing and related support activities .....	7	10	2	262	7 885	204	370	4 957	12 775	10 574	25 292	656
32311	Printing .....	7	10	2	262	7 885	204	370	4 957	12 775	10 574	25 292	656
326	Plastics and rubber products manufacturing .....	—	6	3	309	10 589	224	525	6 348	27 559	44 860	73 473	1 985
3261	Plastics product manufacturing ..	—	6	3	309	10 589	224	525	6 348	27 559	44 860	73 473	1 985
327	Nonmetallic mineral product manufacturing .....	1	9	2	252	6 967	207	431	5 072	13 669	7 703	21 051	D
332	Fabricated metal product manufacturing .....	1	23	5	608	15 978	459	822	10 903	46 401	38 810	93 900	4 402
3322	Cutlery and handtool manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw 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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Mount Airy, NC Micropolitan Statistical Area—Con.</b>													
337	Furniture and related product manufacturing .....	—	11	5	1 130	29 524	1 041	2 213	25 173	88 675	49 025	118 548	1 403
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	9	5	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	—	7	5	1 120	29 210	1 033	2 199	24 980	88 094	48 575	117 517	1 388
337122	Nonupholstered wood household furniture manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	8	3	411	10 811	290	664	7 685	13 783	64 244	78 117	1 224
3399	Other miscellaneous manufacturing .....	—	6	3	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
<b>Winston-Salem, NC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	'515	'183	'30 551	'1 084 849	'23 102	'43 802	'703 095	'8 408 687	'3 906 590	'12 295 466	'155 969
311	Food manufacturing .....	—	37	14	1 213	37 783	850	1 612	21 980	139 928	280 698	423 961	4 844
3118	Bakeries and tortilla manufacturing .....	1	20	7	547	15 158	398	847	10 118	32 694	76 233	112 259	1 537
31182	Cookie, cracker, and pasta manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	—	9	6	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	—	6	3	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
312112	Bottled water manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	3	3	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	—	3	3	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing .....	—	2	2	h	D	D	D	D	D	D	D	D
313	Textile mills .....	1	23	15	3 830	105 335	3 270	6 449	75 761	290 962	546 097	835 039	10 021
3131	Fiber, yarn, and thread mills .....	2	4	4	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	2	4	4	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	2	2	2	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	10	7	f	D	D	D	D	D	D	D	3 728
31324	Knit fabric mills .....	—	3	3	367	8 273	309	534	5 545	13 311	14 160	26 772	D
3133	Textile and fabric finishing and fabric coating mills .....	—	9	4	1 368	35 297	1 139	2 438	22 583	160 524	141 672	302 524	D
31331	Textile and fabric finishing mills .....	—	8	3	g	D	D	D	D	D	D	D	1 884
313311	Broadwoven fabric finishing mills .....	—	5	2	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	3	1	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	16	4	e	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	12	4	e	D	D	D	D	D	D	D	D
31499	All other textile product mills .....	—	9	3	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	—	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	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>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Winston-Salem, NC Metropolitan Statistical Area—Con.</b>													
315	Apparel manufacturing .....	5	19	11	h	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	6	5	g	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	3	3	f	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	3	3	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	3	2	f	D	D	D	D	D	D	D	D
315192	Underwear and nightwear knitting mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	7	10	5	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	3	35	11	957	26 241	780	1 305	17 584	56 595	71 687	128 766	1 358
3219	Other wood product manufacturing .....	5	23	7	612	16 374	483	843	10 099	31 094	33 691	64 889	497
32192	Wood container and pallet manufacturing .....	6	6	2	284	7 286	233	430	4 406	12 077	15 087	27 138	27
321920	Wood container and pallet manufacturing .....	6	6	2	284	7 286	233	430	4 406	12 077	15 087	27 138	27
32199	All other wood product manufacturing .....	4	8	4	259	7 048	200	327	4 690	15 278	14 698	30 106	330
322	Paper manufacturing .....	—	'18	'13	'3 302	'129 000	'2 345	'4 553	'83 344	'363 535	'337 889	'707 155	'34 724
3222	Converted paper product manufacturing .....	—	'18	'13	'3 302	'129 000	'2 345	'4 553	'83 344	'363 535	'337 889	'707 155	'34 724
32221	Paperboard container manufacturing .....	—	'11	'8	'1 889	'61 666	'1 315	'2 534	'40 544	'213 050	'172 345	'385 277	D
322211	Corrugated and solid fiber box manufacturing .....	—	7	4	1 370	42 986	906	1 759	27 681	177 607	120 915	298 801	D
322212	Folding paperboard box manufacturing .....	—	'3	'3	e	D	D	D	D	D	D	D	'3 504
32222	Paper bag and coated and treated paper manufacturing ..	—	3	1	g	D	D	D	D	D	D	D	D
322225	Laminated aluminum foil manufacturing for flexible packaging uses .....	—	1	1	g	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	'64	'14	'1 019	'33 737	'747	'1 318	'20 734	'91 052	'31 480	'122 409	'4 529
3231	Printing and related support activities .....	1	'64	'14	'1 019	'33 737	'747	'1 318	'20 734	'91 052	'31 480	'122 409	'4 529
32311	Printing .....	1	'58	'12	'946	'29 853	'702	'1 218	'18 450	'82 799	'29 644	'112 334	'4 215
323117	Books printing .....	—	2	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	3	17	8	750	31 826	369	772	11 077	112 935	96 802	213 675	5 062
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	4	2	336	14 121	131	289	3 610	43 473	31 939	78 265	844
326	Plastics and rubber products manufacturing .....	—	17	9	f	D	D	D	D	D	D	D	2 061
3261	Plastics product manufacturing ..	—	13	6	e	D	D	D	D	D	D	D	1 771
32619	Other plastics product manufacturing .....	—	7	4	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	—	7	4	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	4	24	8	e	D	D	D	D	D	D	D	1 352
3273	Cement and concrete product manufacturing .....	5	18	7	e	D	D	D	D	D	D	D	1 203
32732	Ready-mix concrete manufacturing .....	4	12	4	e	D	D	D	D	D	D	D	827
327320	Ready-mix concrete manufacturing .....	4	12	4	e	D	D	D	D	D	D	D	827

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>GREENSBORO--WINSTON-SALEM-HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Winston-Salem, NC Metropolitan Statistical Area—Con.</b>													
331	Primary metal manufacturing .....	6	8	5	859	31 753	705	1 531	22 686	65 969	86 343	152 367	5 017
3311	Iron and steel mills and ferroalloy manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	—	2	2	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	8	3	3	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	9	1	1	e	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding .....	9	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	80	22	2 596	89 843	2 029	3 913	59 643	129 855	291 340	587 898	9 608
3323	Architectural and structural metals manufacturing .....	1	23	5	695	22 657	501	901	12 545	84 196	70 952	158 963	1 252
33231	Plate work and fabricated structural product manufacturing .....	—	7	1	e	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	2	16	4	e	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing .....	2	10	3	332	10 565	262	467	6 383	40 377	32 193	76 382	248
3325	Hardware manufacturing .....	—	6	4	723	23 392	553	1 183	14 188	75 888	43 184	118 253	1 618
33251	Hardware manufacturing .....	—	6	4	723	23 392	553	1 183	14 188	75 888	43 184	118 253	1 618
332510	Hardware manufacturing .....	—	6	4	723	23 392	553	1 183	14 188	75 888	43 184	118 253	1 618
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	4	31	6	677	21 366	580	1 012	16 398	35 645	26 738	62 020	2 143
33271	Machine shops .....	6	25	4	359	12 588	291	428	8 774	23 123	19 610	42 524	1 707
332710	Machine shops .....	6	25	4	359	12 588	291	428	8 774	23 123	19 610	42 524	1 707
33272	Turned product and screw, nut, and bolt manufacturing .....	—	6	2	318	8 778	289	584	7 624	12 522	7 128	19 496	436
332722	Bolt, nut, screw, rivet, and washer manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	31	11	2 107	87 948	1 453	3 062	53 883	478 026	547 703	958 870	7 526
3331	Agriculture, construction, and mining machinery manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	9	5	1 340	53 700	932	1 971	33 013	276 327	169 248	446 070	5 331
33391	Pump and compressor manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	2	1	f	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	15	6	1 036	41 927	781	1 426	26 502	120 963	58 112	181 095	3 155
3344	Semiconductor and other electronic component manufacturing .....	—	7	3	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	7	3	f	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	5	4	1 554	58 735	1 109	2 224	38 772	166 432	209 793	379 606	3 336
3359	Other electrical equipment and component manufacturing .....	—	4	4	g	D	D	D	D	D	D	D	D
33591	Battery manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing .....	—	2	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.]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Winston-Salem, NC Metropolitan Statistical Area—Con.</b>													
336	Transportation equipment manufacturing .....	—	7	1	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	27	12	1 995	51 504	1 776	3 343	40 724	111 664	69 684	181 250	3 139
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	19	10	1 829	45 097	1 666	3 103	37 723	99 764	59 089	158 664	2 852
33712	Household and institutional furniture manufacturing .....	2	13	8	1 725	42 688	1 590	2 952	36 440	95 916	56 591	152 318	2 577
337122	Nonupholstered wood household furniture manufacturing .....	2	8	6	1 433	33 995	1 330	2 484	29 347	84 579	43 504	127 337	D
339	Miscellaneous manufacturing .....	'2	'58	'9	'1 166	'37 196	'854	'1 628	'20 858	'101 000	'69 827	'177 097	'12 207
3391	Medical equipment and supplies manufacturing .....	—	28	3	692	25 386	491	995	13 651	78 930	39 777	119 414	D
33911	Medical equipment and supplies manufacturing .....	—	28	3	692	25 386	491	995	13 651	78 930	39 777	119 414	D
339112	Surgical and medical instrument manufacturing ..	—	4	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	'5	'30	'6	'474	'11 810	'363	'633	'7 207	'22 070	'30 050	'57 683	D
33999	All other miscellaneous manufacturing .....	5	13	5	366	8 132	294	503	5 338	13 934	25 157	44 656	1 800
339999	All other miscellaneous manufacturing .....	5	11	5	e	D	D	D	D	D	D	D	D
<b>LUMBERTON-LAURINBURG, NC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	131	67	15 001	407 701	12 558	25 099	298 650	2 117 207	1 524 649	3 622 982	76 290
311	Food manufacturing .....	—	7	4	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	—	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning .....	—	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	3	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	3	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
312113	Ice manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	1	19	14	2 696	66 772	2 368	4 885	52 474	132 572	164 460	298 312	D
3131	Fiber, yarn, and thread mills .....	—	3	3	615	11 962	557	1 063	9 635	25 908	29 465	55 399	D
31311	Fiber, yarn, and thread mills ...	—	3	3	615	11 962	557	1 063	9 635	25 908	29 465	55 399	D
313111	Yarn spinning mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	14	10	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	2	5	5	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	2	5	5	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	1	8	5	1 031	25 613	864	1 743	18 336	43 080	65 965	110 174	1 190
313241	Weft knit fabric mills .....	1	8	5	1 031	25 613	864	1 743	18 336	43 080	65 965	110 174	1 190
314	Textile product mills .....	—	7	4	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	3	3	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	2	2	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	2	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.]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>LUMBERTON-LAURINBURG, NC COMBINED STATISTICAL AREA—Con.</b>													
315	Apparel manufacturing .....	—	10	8	1 680	32 648	1 422	2 499	26 062	165 712	98 535	258 693	2 741
3151	Apparel knitting mills .....	—	3	3	1 077	22 039	979	1 865	18 782	120 776	82 316	199 334	2 161
31511	Hosiery and sock mills .....	—	2	2	f	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	1	1	e	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	—	1	1	e	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	1	1	e	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills .....	—	1	1	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	2	7	5	603	10 609	443	634	7 280	44 936	16 219	59 359	580
31522	Men's and boys' cut and sew apparel manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	4	11	9	1 346	36 205	1 137	2 101	26 246	64 151	110 428	173 423	3 013
3219	Other wood product manufacturing .....	4	9	8	g	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	5	4	4	g	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	5	5	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use .....	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	12	2	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	14	3	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	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
332998	Enameled iron and metal sanitary ware manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	7	5	f	D	D	D	D	D	D	7 583	D
3363	Motor vehicle parts manufacturing .....	—	5	4	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	5	1	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>LUMBERTON-LAURINBURG, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Laurinburg, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	42	25	5 972	180 634	5 176	10 758	139 686	643 208	552 535	1 192 915	28 538
313	Textile mills .....	1	6	6	1 512	37 623	1 388	2 889	31 951	83 846	91 745	175 549	2 877
3131	Fiber, yarn, and thread mills .....	—	3	3	615	11 962	557	1 063	9 635	25 908	29 465	55 399	D
31311	Fiber, yarn, and thread mills .....	—	3	3	615	11 962	557	1 063	9 635	25 908	29 465	55 399	D
313111	Yarn spinning mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	3	3	897	25 661	831	1 826	22 316	57 938	62 280	120 150	D
31321	Broadwoven fabric mills .....	2	3	3	897	25 661	831	1 826	22 316	57 938	62 280	120 150	D
313210	Broadwoven fabric mills .....	2	3	3	897	25 661	831	1 826	22 316	57 938	62 280	120 150	D
314	Textile product mills .....	—	4	3	1 479	40 522	1 398	3 010	36 977	218 243	178 459	391 362	D
3141	Textile furnishings mills .....	—	2	2	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	1	1	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	5	4	4	500	11 722	449	910	10 379	25 565	40 238	64 452	1 161
3219	Other wood product manufacturing .....	5	4	4	500	11 722	449	910	10 379	25 565	40 238	64 452	1 161
32199	All other wood product manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use .....	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	5	1	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	5	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	6	5	763	30 073	534	1 137	16 014	94 282	97 770	192 105	7 583
3363	Motor vehicle parts manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	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
339	Miscellaneous manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
<b>Lumberton, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	89	42	9 029	227 067	7 382	14 341	158 964	1 473 999	972 114	2 430 067	47 752
311	Food manufacturing .....	—	5	3	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	—	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning .....	—	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	3	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	3	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 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>LUMBERTON-LAURINBURG, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Lumberton, NC Micropolitan Statistical Area—Con.</b>													
312	Beverage and tobacco product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
312113	Ice manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	2	13	8	1 184	29 149	980	1 996	20 523	48 726	72 715	122 763	D
3132	Fabric mills .....	1	11	7	g	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	1	8	5	1 031	25 613	864	1 743	18 336	43 080	65 965	110 174	1 190
313241	Weft knit fabric mills .....	1	8	5	1 031	25 613	864	1 743	18 336	43 080	65 965	110 174	1 190
315	Apparel manufacturing .....	—	10	8	1 680	32 648	1 422	2 499	26 062	165 712	98 535	258 693	2 741
3151	Apparel knitting mills .....	—	3	3	1 077	22 039	979	1 865	18 782	120 776	82 316	199 334	2 161
31511	Hosiery and sock mills .....	—	2	2	f	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	1	1	e	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	—	1	1	e	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	1	1	e	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills .....	—	1	1	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	2	7	5	603	10 609	443	634	7 280	44 936	16 219	59 359	580
31522	Men's and boys' cut and sew apparel manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	4	7	5	846	24 483	688	1 191	15 867	38 586	70 190	108 971	1 852
3219	Other wood product manufacturing .....	4	5	4	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	4	4	453	16 982	381	750	13 162	49 551	73 837	123 159	4 666
3222	Converted paper product manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	9	2	633	18 125	534	1 123	11 345	83 689	79 055	162 938	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
332998	Enameled iron and metal sanitary ware manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	5	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
<b>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	1 299	353	65 814	2 762 366	37 403	75 166	1 129 337	12 048 971	9 123 648	21 208 921	795 194
311	Food manufacturing .....	2	82	28	5 462	139 824	4 491	8 684	100 675	567 862	687 484	1 253 234	24 055
3116	Animal slaughtering and processing .....	2	15	9	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	2	15	9	h	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	6	8	6	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	3	3	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	9	32	8	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	5	28	6	e	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	9	4	2	g	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing .....	9	2	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)		
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)						
<b>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>															
311	Food manufacturing—Con.														
3119	Other food manufacturing .....	—	17	2	f	D	D	D	D	D	D	D	D		
31191	Snack food manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D		
311919	Other snack food manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D		
312	Beverage and tobacco product manufacturing .....	7	10	3	f	D	D	D	D	D	D	D	D		
3122	Tobacco manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D		
31222	Tobacco product manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D		
312221	Cigarette manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D		
313	Textile mills .....	—	20	9	h	D	D	D	D	D	D	D	D		
3131	Fiber, yarn, and thread mills .....	5	2	2	e	D	D	D	D	D	D	D	D		
31311	Fiber, yarn, and thread mills ...	5	2	2	e	D	D	D	D	D	D	D	D		
3132	Fabric mills .....	—	11	7	h	D	D	D	D	D	D	D	D		
31321	Broadwoven fabric mills .....	—	6	3	g	D	D	D	D	D	D	D	D		
313210	Broadwoven fabric mills .....	—	6	3	g	D	D	D	D	D	D	D	D		
31323	Nonwoven fabric mills .....	—	3	3	g	D	D	D	D	D	D	D	D		
313230	Nonwoven fabric mills .....	—	3	3	g	D	D	D	D	D	D	D	D		
314	Textile product mills .....	1	24	6	g	D	D	D	D	D	D	D	1 687		
3141	Textile furnishings mills .....	—	11	2	g	D	D	D	D	D	D	D	D		
31412	Curtain and linen mills .....	—	10	2	g	D	D	D	D	D	D	D	D		
314129	Other household textile product mills .....	—	3	2	g	D	D	D	D	D	D	D	D		
3149	Other textile product mills .....	4	13	4	e	D	D	D	D	D	D	D	D		
315	Apparel manufacturing .....	3	32	10	g	D	D	D	D	D	D	D	386		
3151	Apparel knitting mills .....	—	7	4	f	D	D	D	D	D	D	D	D		
31511	Hosiery and sock mills .....	—	4	3	e	D	D	D	D	D	D	D	164		
315111	Sheer hosiery mills .....	—	4	3	e	D	D	D	D	D	D	D	164		
3152	Cut and sew apparel manufacturing .....	7	20	6	f	D	D	D	D	D	D	D	D		
31522	Men's and boys' cut and sew apparel manufacturing .....	9	3	1	e	D	D	D	D	D	D	D	D		
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D		
321	Wood product manufacturing .....	1	84	33	h	D	D	D	D	D	D	D	D		
3211	Sawmills and wood preservation ..	2	19	6	e	D	D	D	D	D	D	D	D		
32111	Sawmills and wood preservation .....	2	19	6	e	D	D	D	D	D	D	D	D		
321113	Sawmills .....	1	16	6	e	D	D	D	D	D	D	D	D		
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	18	14	g	D	D	D	D	D	D	D	D		
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	18	14	g	D	D	D	D	D	D	D	D		
321211	Hardwood veneer and plywood manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	D		
321213	Engineered wood member (except truss) manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D		
321214	Truss manufacturing .....	6	9	6	f	D	D	D	D	D	D	D	D		
321219	Reconstituted wood product manufacturing .....	—	4	4	e	D	D	D	D	D	D	D	D		
3219	Other wood product manufacturing .....	4	47	13	g	D	D	D	D	D	D	D	D		
32191	Millwork .....	5	22	4	e	D	D	D	D	D	D	D	D		
32192	Wood container and pallet manufacturing .....	7	8	3	e	D	D	D	D	D	D	D	D		
321920	Wood container and pallet manufacturing .....	7	8	3	e	D	D	D	D	D	D	D	D		
32199	All other wood product manufacturing .....	—	17	6	f	D	D	D	D	D	D	D	D		
321991	Manufactured home (mobile home) manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D		
322	Paper manufacturing .....	—	14	11	f	D	D	D	D	D	D	D	D		
3222	Converted paper product manufacturing .....	—	12	11	f	D	D	D	D	D	D	D	D		
32221	Paperboard container manufacturing .....	—	9	9	f	D	D	D	D	D	D	D	D		
322211	Corrugated and solid fiber box manufacturing .....	—	6	6			358	15 020	265	530	7 052	36 131	58 363	94 517	2 569

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
323	Printing and related support activities .....	1	186	29	h	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	1	186	29	h	D	D	D	D	D	D	D	D
32311	Printing .....	1	170	29	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	—	81	16	1 425	55 488	1 083	2 105	40 892	169 924	147 947	317 818	D
323113	Commercial screen printing ..	6	28	5	533	13 434	410	722	7 766	20 413	17 745	41 714	D
323114	Quick printing .....	5	36	3	330	9 600	220	383	5 784	22 052	8 176	30 185	D
323115	Digital printing .....	—	5	2	e	D	D	D	D	D	D	D	D
323117	Books printing .....	9	3	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	58	23	i	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	—	10	3	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	—	6	1	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ....	—	6	1	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	6	3	3	g	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
3254	Pharmaceutical and medicine manufacturing .....	—	24	15	4 749	282 494	2 429	5 519	115 241	6 569 461	2 106 527	8 661 558	259 180
32541	Pharmaceutical and medicine manufacturing .....	—	24	15	4 749	282 494	2 429	5 519	115 241	6 569 461	2 106 527	8 661 558	259 180
325411	Medicinal and botanical manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	13	8	g	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	—	6	3	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	31	22	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	27	20	g	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
326121	Unlaminated plastics profile shape manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing .....	—	5	3	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing .....	—	5	3	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	17	13	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	2	17	13	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	4	89	20	g	D	D	D	D	D	D	D	13 861
3271	Clay product and refractory manufacturing .....	—	9	3	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing ....	—	4	3	e	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	8	11	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	8	11	3	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	8	9	2	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	2	58	13	g	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing .....	3	43	6	f	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing .....	3	43	6	f	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing .....	1	5	5	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
332	Fabricated metal product manufacturing .....	1	148	33	h	D	D	D	D	D	D	D	D
3321	Forging and stamping.....	-	3	2	e	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	-	3	2	e	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing .....	-	3	1	294	12 382	251	551	9 953	23 594	11 189	34 441	D
33221	Cutlery and handtool manufacturing .....	-	3	1	294	12 382	251	551	9 953	23 594	11 189	34 441	D
332212	Hand and edge tool manufacturing .....	-	3	1	294	12 382	251	551	9 953	23 594	11 189	34 441	D
3323	Architectural and structural metals manufacturing .....	1	46	17	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	-	12	5	e	D	D	D	D	D	D	D	3 676
33232	Ornamental and architectural metal products manufacturing .....	1	34	12	g	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing .....	2	26	10	g	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	6	52	4	e	D	D	D	D	D	D	D	D
33271	Machine shops .....	3	46	2	e	D	D	D	D	D	D	D	D
332710	Machine shops .....	3	46	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	1	23	5	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	82	29	h	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	8	3	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	3	1	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	4	17	5	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	4	15	5	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing .....	-	9	4	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	-	9	4	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	3	11	7	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	3	11	7	g	D	D	D	D	D	D	D	D
333411	Air purification equipment manufacturing .....	4	8	5	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	1	24	8	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	1	18	6	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	116	37	j	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	-	16	4	j	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	-	16	4	j	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	1	5	3	j	D	D	D	D	D	D	D	D
334112	Computer storage device manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing .....	—	14	5	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	9	4	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	9	4	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	1	41	18	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	1	41	18	h	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	2	10	4	f	D	D	D	D	D	D	D	D
334414	Electronic capacitor manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing .....	—	14	8	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	32	9	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	32	9	g	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	—	6	3	f	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing .....	1	4	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	34	15	h	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	13	7	1 555	66 451	680	1 180	17 738	191 921	268 442	456 798	D
33531	Electrical equipment manufacturing .....	—	13	7	1 555	66 451	680	1 180	17 738	191 921	268 442	456 798	D
335312	Motor and generator manufacturing .....	2	4	3	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	18	8	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing .....	—	9	3	g	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing .....	—	7	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	23	7	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	8	3	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing .....	1	109	12	1 307	37 206	1 074	2 064	26 360	79 287	57 246	136 692	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	85	5	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ....	2	60	3	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	2	60	3	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	1	25	2	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	—	20	4	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	—	20	4	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	134	20	g	D	D	D	D	D	D	D	9 321
3391	Medical equipment and supplies manufacturing .....	1	55	11	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	1	55	11	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	2	8	4	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	3	79	9	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing .....	5	36	5	e	D	D	D	D	D	D	D	D
339950	Sign manufacturing .....	5	36	5	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	1	30	3	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing .....	1	23	3	e	D	D	D	D	D	D	D	D
<b>Dunn, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	64	19	2 546	73 832	1 991	3 901	47 118	155 330	159 989	316 493	8 171
311	Food manufacturing .....	1	10	3	288	7 305	249	546	5 974	16 185	34 790	50 679	356
321	Wood product manufacturing .....	1	6	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	9	3	1	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	9	3	1	e	D	D	D	D	D	D	D	D
32311	Printing .....	9	3	1	e	D	D	D	D	D	D	D	D
323117	Books printing .....	9	1	1	e	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
33599	All other electrical equipment and component manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>Durham, NC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	368	109	34 432	1 566 091	16 455	33 625	505 759	3 433 508	3 323 263	6 737 786	376 468
311	Food manufacturing .....	—	20	8	2 436	48 572	2 213	3 880	41 068	47 964	298 402	346 076	2 982
3116	Animal slaughtering and processing .....	—	5	4	2 247	42 571	2 104	3 670	37 311	71 032	180 769	251 526	D
31161	Animal slaughtering and processing .....	—	5	4	2 247	42 571	2 104	3 670	37 311	71 032	180 769	251 526	D
311615	Poultry processing .....	—	3	3	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	5	5	2	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing ....	9	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Durham, NC Metropolitan Statistical Area—Con.</b>													
313	Textile mills .....	—	6	5	2 431	85 608	2 033	4 495	58 742	250 147	270 923	518 676	D
3132	Fabric mills .....	—	4	4	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
31323	Nonwoven fabric mills .....	—	2	2	f	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	—	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	10	5	1 574	38 516	1 262	2 364	19 071	101 887	44 776	138 715	1 464
3141	Textile furnishings mills .....	—	5	2	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	5	2	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	3	2	g	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	4	5	3	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	9	5	549	10 201	484	924	8 180	23 831	21 017	46 238	195
3151	Apparel knitting mills .....	—	4	4	e	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	3	3	464	8 568	408	790	6 961	21 754	19 241	42 387	164
315111	Sheer hosiery mills .....	—	3	3	464	8 568	408	790	6 961	21 754	19 241	42 387	164
321	Wood product manufacturing .....	1	22	10	1 479	46 476	1 244	2 662	35 902	100 413	182 873	281 880	4 191
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	7	6	892	31 790	758	1 730	25 506	71 683	147 181	218 198	2 607
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	7	6	892	31 790	758	1 730	25 506	71 683	147 181	218 198	2 607
321213	Engineered wood member (except truss) manufacturing .....	—	1	1	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 .....	6	8	2	506	12 136	411	763	8 175	20 278	25 711	45 929	1 271
32192	Wood container and pallet manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	—	55	10	1 431	54 285	1 111	2 276	39 959	164 365	153 894	316 932	18 988
3231	Printing and related support activities .....	—	55	10	1 431	54 285	1 111	2 276	39 959	164 365	153 894	316 932	18 988
32311	Printing .....	—	50	10	1 395	53 099	1 083	2 243	39 210	162 451	153 202	314 311	18 847
323110	Commercial lithographic printing .....	—	19	6	616	24 869	489	989	19 291	104 713	114 301	219 113	D
323115	Digital printing .....	—	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	2	24	9	2 396	142 005	1 468	2 756	63 579	1 407 112	253 906	1 619 589	38 579
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	7	2	2	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	1	7	5	1 461	100 825	757	1 346	36 916	1 258 054	134 109	1 351 525	30 271
32541	Pharmaceutical and medicine manufacturing .....	1	7	5	1 461	100 825	757	1 346	36 916	1 258 054	134 109	1 351 525	30 271
325412	Pharmaceutical preparation manufacturing .....	2	3	2	f	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	5	4	427	14 156	300	626	9 560	33 588	22 533	53 669	D
3261	Plastics product manufacturing ..	—	5	4	427	14 156	300	626	9 560	33 588	22 533	53 669	D
32619	Other plastics product manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Durham, NC Metropolitan Statistical Area—Con.</b>												
327	Nonmetallic mineral product manufacturing .....	4	26	6	909	30 015	782	1 575	24 703	96 454	68 889	164 405	6 394
3271	Clay product and refractory manufacturing .....	—	7	3	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing ....	—	3	3	e	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	9	2	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	34	6	602	20 645	466	980	13 699	69 165	113 174	179 236	1 347
3323	Architectural and structural metals manufacturing .....	—	11	2	336	12 066	258	583	7 715	35 735	103 612	136 013	724
33232	Ornamental and architectural metal products manufacturing .....	—	9	1	e	D	D	D	D	D	D	D	724
333	Machinery manufacturing .....	3	19	7	865	41 438	420	864	14 303	51 275	53 948	101 924	5 872
3333	Commercial and service industry machinery manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	1	30	10	15 381	866 250	2 064	4 395	87 142	513 431	345 130	912 245	187 815
3341	Computer and peripheral equipment manufacturing .....	1	6	2	j	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	1	6	2	j	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	1	2	2	j	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	10	5	1 577	75 209	1 342	2 730	58 181	196 617	99 291	294 686	D
33441	Semiconductor and other electronic component manufacturing .....	—	10	5	1 577	75 209	1 342	2 730	58 181	196 617	99 291	294 686	D
334413	Semiconductor and related device manufacturing .....	1	6	3	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	1	8	5	309	9 907	215	449	5 139	27 612	25 739	53 032	497
336	Transportation equipment manufacturing .....	—	6	5	1 551	69 959	1 185	2 914	49 415	321 335	1 231 025	1 546 991	48 519
3363	Motor vehicle parts manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	4	24	3	350	10 326	283	584	7 258	17 610	14 251	31 931	684
339	Miscellaneous manufacturing .....	1	53	4	711	30 174	410	854	12 166	82 943	37 619	119 657	4 456
3391	Medical equipment and supplies manufacturing .....	—	25	2	478	22 728	252	557	8 291	67 622	18 642	85 518	D
33911	Medical equipment and supplies manufacturing .....	—	25	2	478	22 728	252	557	8 291	67 622	18 642	85 518	D
339112	Surgical and medical instrument manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Raleigh-Cary, NC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	867	225	28 836	1 122 443	18 957	37 640	576 460	8 460 133	5 640 396	14 154 642	410 555
311	Food manufacturing .....	3	52	17	2 738	83 947	2 029	4 258	53 633	503 713	354 292	856 479	20 717
3116	Animal slaughtering and processing .....	8	7	3	752	25 102	574	1 360	16 238	106 943	9 400	116 173	2 624
31161	Animal slaughtering and processing .....	8	7	3	752	25 102	574	1 360	16 238	106 943	9 400	116 173	2 624
311612	Meat processed from carcasses .....	8	5	3	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	9	23	8	1 349	38 565	1 034	2 099	26 643	171 630	76 737	248 477	5 199
31181	Bread and bakery product manufacturing .....	5	21	6	e	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	9	2	2	g	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
3119	Other food manufacturing .....	—	12	2	e	D	D	D	D	D	D	D	D
31191	Snack food manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	—	13	3	640	25 553	503	948	17 406	72 015	68 300	141 396	1 133
3132	Fabric mills .....	—	6	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
315	Apparel manufacturing .....	7	21	5	538	11 354	299	558	4 061	18 760	17 467	35 750	191
3152	Cut and sew apparel manufacturing .....	7	16	5	512	10 557	283	528	3 601	17 327	16 648	33 491	186
31522	Men's and boys' cut and sew apparel manufacturing .....	9	3	1	e	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	56	21	1 564	47 712	1 252	2 562	33 662	124 587	268 832	392 226	7 976
3211	Sawmills and wood preservation .....	1	10	4	364	10 457	294	646	7 777	17 636	40 000	56 045	1 995
32111	Sawmills and wood preservation .....	1	10	4	364	10 457	294	646	7 777	17 636	40 000	56 045	1 995
321113	Sawmills .....	—	9	4	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	10	7	559	18 523	436	955	12 383	68 828	190 288	259 393	4 649
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	10	7	559	18 523	436	955	12 383	68 828	190 288	259 393	4 649
321214	Truss manufacturing .....	6	7	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	3	36	10	641	18 732	522	961	13 502	38 123	38 544	76 788	1 332
32191	Millwork .....	5	17	4	317	9 394	244	516	6 159	17 755	23 211	40 966	691
322	Paper manufacturing .....	—	11	9	730	31 918	575	981	18 434	73 033	106 489	181 796	10 485
3222	Converted paper product manufacturing .....	—	10	9	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	9	9	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	—	6	6	358	15 020	265	530	7 052	36 131	58 363	94 517	2 569
323	Printing and related support activities .....	2	128	18	1 595	52 510	1 166	2 071	33 959	103 525	57 187	164 322	9 366
3231	Printing and related support activities .....	2	128	18	1 595	52 510	1 166	2 071	33 959	103 525	57 187	164 322	9 366
32311	Printing .....	2	117	18	1 562	51 074	1 139	2 024	32 996	100 434	56 646	160 686	9 302
323110	Commercial lithographic printing .....	—	62	10	809	30 619	594	1 116	21 601	65 211	33 646	98 705	6 680
323113	Commercial screen printing .....	8	18	4	421	10 018	326	552	5 251	11 292	14 437	29 523	658

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Raleigh-Cary, NC Metropolitan Statistical Area—Con.</b>												
325	Chemical manufacturing .....	—	33	14	4 218	227 434	2 132	5 138	93 571	5 508 948	2 100 192	7 635 889	234 657
3251	Basic chemical manufacturing ...	—	5	2	e	D	D	D	D	D	D	D	4 600
32519	Other basic organic chemical manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ....	—	4	1	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	1	1	e	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
3254	Pharmaceutical and medicine manufacturing .....	—	17	10	3 288	181 669	1 672	4 173	78 325	5 311 407	1 972 418	7 310 033	228 909
32541	Pharmaceutical and medicine manufacturing .....	—	17	10	3 288	181 669	1 672	4 173	78 325	5 311 407	1 972 418	7 310 033	228 909
325411	Medicinal and botanical manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	10	6	g	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	—	3	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	25	17	1 540	53 857	1 097	1 881	27 401	283 652	116 825	404 358	12 907
3261	Plastics product manufacturing ..	1	22	16	g	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
326121	Unlaminated plastics profile shape manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	3	14	10	674	21 774	518	1 001	13 650	95 640	41 253	137 209	3 773
326199	All other plastics product manufacturing .....	3	14	10	674	21 774	518	1 001	13 650	95 640	41 253	137 209	3 773
327	Nonmetallic mineral product manufacturing .....	3	58	13	1 012	35 889	806	1 648	26 936	100 151	86 083	185 625	6 357
3273	Cement and concrete product manufacturing .....	3	39	10	724	25 827	591	1 183	18 985	70 592	71 816	141 631	5 589
32732	Ready-mix concrete manufacturing .....	4	30	4	398	14 148	357	694	12 175	42 848	46 146	89 016	3 225
327320	Ready-mix concrete manufacturing .....	4	30	4	398	14 148	357	694	12 175	42 848	46 146	89 016	3 225
332	Fabricated metal product manufacturing .....	1	103	26	2 825	99 323	2 081	4 138	60 930	272 148	169 249	439 134	18 374
3321	Forging and stamping.....	—	2	2	e	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	—	2	2	e	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing .....	—	3	1	294	12 382	251	551	9 953	23 594	11 189	34 441	D
33221	Cutlery and handtool manufacturing .....	—	3	1	294	12 382	251	551	9 953	23 594	11 189	34 441	D
332212	Hand and edge tool manufacturing .....	—	3	1	294	12 382	251	551	9 953	23 594	11 189	34 441	D
3323	Architectural and structural metals manufacturing .....	1	34	14	1 389	41 545	1 048	2 063	24 874	110 853	100 587	210 723	9 054
33232	Ornamental and architectural metal products manufacturing .....	2	24	10	1 145	31 834	856	1 690	18 157	88 330	77 729	165 327	5 378
332322	Sheet metal work manufacturing .....	2	21	10	1 139	31 611	852	1 681	18 029	87 927	77 377	164 572	5 365
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	4	32	3	274	9 505	211	400	7 106	24 113	11 196	35 310	1 028
3329	Other fabricated metal product manufacturing .....	—	15	3	361	14 316	236	468	8 698	48 522	17 468	66 025	1 948

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Raleigh-Cary, NC Metropolitan Statistical Area—Con.</b>													
333	Machinery manufacturing .....	—	57	20	2 893	113 647	1 943	3 665	57 895	415 314	894 045	1 317 253	15 066
3331	Agriculture, construction, and mining machinery manufacturing .....	—	6	2	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	3	1	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	5	13	4	329	14 510	174	344	5 652	28 097	29 009	58 981	611
33329	Other industrial machinery manufacturing .....	5	11	4	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	8	4	776	13 830	691	1 341	11 194	27 075	34 734	62 262	462
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	8	4	776	13 830	691	1 341	11 194	27 075	34 734	62 262	462
333411	Air purification equipment manufacturing .....	—	7	4	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	15	6	313	14 976	105	222	3 606	29 568	34 906	63 265	1 416
334	Computer and electronic product manufacturing .....	—	84	27	4 012	175 256	2 350	4 655	79 293	517 043	841 357	1 374 158	28 212
3341	Computer and peripheral equipment manufacturing .....	—	10	2	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing .....	—	10	2	e	D	D	D	D	D	D	D	D
334112	Computer storage device manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	—	8	3	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	7	3	894	41 280	469	847	17 001	183 616	190 462	392 220	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	7	3	894	41 280	469	847	17 001	183 616	190 462	392 220	D
3344	Semiconductor and other electronic component manufacturing .....	1	30	13	1 260	45 537	801	1 569	21 736	117 835	139 949	262 326	D
33441	Semiconductor and other electronic component manufacturing .....	1	30	13	1 260	45 537	801	1 569	21 736	117 835	139 949	262 326	D
334414	Electronic capacitor manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing .....	—	11	7	482	16 992	249	487	5 564	41 840	42 118	84 948	1 280
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	23	8	1 283	61 478	729	1 433	27 073	128 654	109 232	238 980	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	23	8	1 283	61 478	729	1 433	27 073	128 654	109 232	238 980	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	—	5	3	612	31 673	389	785	13 862	68 979	74 480	144 336	2 988
334519	Other measuring and controlling device manufacturing .....	1	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>RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA—Con.</b>													
<b>Raleigh-Cary, NC Metropolitan Statistical Area—Con.</b>													
335	Electrical equipment, appliance, and component manufacturing .....	—	25	9	2 320	94 087	1 169	2 159	30 650	281 028	420 579	698 409	35 949
3353	Electrical equipment manufacturing .....	—	10	5	1 401	62 592	561	917	15 246	178 875	259 612	435 290	30 693
33531	Electrical equipment manufacturing .....	—	10	5	1 401	62 592	561	917	15 246	178 875	259 612	435 290	30 693
335313	Switchgear and switchboard apparatus manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	12	4	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	4	2	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing .....	—	5	1	e	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	5	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	81	8	918	25 870	765	1 441	18 671	59 710	41 169	100 964	3 333
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	67	4	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ....	1	47	3	353	9 692	287	565	6 914	19 504	14 899	34 343	819
337110	Wood kitchen cabinet and countertop manufacturing ..	1	47	3	353	9 692	287	565	6 914	19 504	14 899	34 343	819
3372	Office furniture (including fixtures) manufacturing .....	—	12	3	386	11 876	335	605	8 645	28 594	17 607	46 360	2 225
33721	Office furniture (including fixtures) manufacturing .....	—	12	3	386	11 876	335	605	8 645	28 594	17 607	46 360	2 225
337211	Wood office furniture manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	74	14	977	34 397	576	1 109	13 844	90 405	39 964	129 540	4 787
3391	Medical equipment and supplies manufacturing .....	3	29	9	485	20 037	248	507	6 444	55 277	18 430	73 347	2 092
33911	Medical equipment and supplies manufacturing .....	3	29	9	485	20 037	248	507	6 444	55 277	18 430	73 347	2 092
3399	Other miscellaneous manufacturing .....	2	45	5	492	14 360	328	602	7 400	35 128	21 534	56 193	2 695
33999	All other miscellaneous manufacturing .....	1	17	3	266	7 667	194	353	4 188	21 390	11 300	32 449	2 229
339999	All other miscellaneous manufacturing .....	1	13	3	253	7 173	184	338	3 780	20 095	10 959	30 776	2 219
<b>BOONE, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	2	56	11	1 066	26 521	885	1 632	18 789	75 787	42 418	116 019	2 687
<b>BURLINGTON, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	254	133	17 381	539 437	13 665	27 048	358 309	1 717 939	1 704 681	3 424 705	96 796
311	Food manufacturing .....	4	11	5	497	11 481	357	714	5 759	25 452	72 325	98 548	6 267
312	Beverage and tobacco product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
312221	Cigarette 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>BURLINGTON, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
313	Textile mills .....	1	33	27	4 542	118 988	3 831	7 858	87 883	265 973	525 114	794 289	9 294
3131	Fiber, yarn, and thread mills .....	—	7	6	839	23 085	735	1 628	18 126	50 842	110 400	160 479	932
31311	Fiber, yarn, and thread mills ...	—	7	6	839	23 085	735	1 628	18 126	50 842	110 400	160 479	932
313112	Yarn texturizing, throwing, and twisting mills .....	—	4	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	18	15	2 381	59 599	2 026	4 039	43 482	137 885	188 482	327 570	5 817
31321	Broadwoven fabric mills .....	4	5	5	1 079	25 184	955	1 884	20 536	67 555	90 331	160 354	2 327
313210	Broadwoven fabric mills .....	4	5	5	1 079	25 184	955	1 884	20 536	67 555	90 331	160 354	2 327
31324	Knit fabric mills .....	1	11	9	g	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	4	5	3	e	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	—	6	6	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	1	8	6	1 322	36 304	1 070	2 191	26 275	77 246	226 232	306 240	2 545
31331	Textile and fabric finishing mills .....	1	8	6	1 322	36 304	1 070	2 191	26 275	77 246	226 232	306 240	2 545
313311	Broadwoven fabric finishing mills .....	2	5	4	g	D	D	D	D	D	D	D	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 .....	—	10	6	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	3	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	3	2	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	41	27	2 883	66 008	2 443	4 808	49 348	156 639	123 555	277 826	6 412
3151	Apparel knitting mills .....	—	34	26	h	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	33	25	2 794	64 107	2 367	4 651	48 002	154 467	119 860	271 982	6 376
315111	Sheer hosiery mills .....	—	10	7	811	16 784	696	1 300	11 843	22 100	42 906	66 097	1 317
315119	Other hosiery and sock mills ..	—	23	18	1 983	47 323	1 671	3 351	36 159	132 367	76 954	205 885	5 059
321	Wood product manufacturing .....	2	8	6	420	15 334	240	486	7 170	32 737	47 386	78 489	2 167
322	Paper manufacturing .....	—	4	4	604	21 195	425	786	14 692	36 075	63 504	98 688	1 688
3222	Converted paper product manufacturing .....	—	4	4	604	21 195	425	786	14 692	36 075	63 504	98 688	1 688
32221	Paperboard container manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	3	20	9	488	18 440	328	607	10 772	35 070	34 862	70 302	6 003
3231	Printing and related support activities .....	3	20	9	488	18 440	328	607	10 772	35 070	34 862	70 302	6 003
32311	Printing .....	4	19	8	e	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	5	8	5	304	12 440	197	362	7 123	22 766	26 381	49 547	5 082
325	Chemical manufacturing .....	3	11	5	468	20 064	227	433	7 458	43 252	52 791	96 706	3 681
3254	Pharmaceutical and medicine manufacturing .....	1	3	3	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	1	3	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	15	9	1 108	32 852	863	1 717	22 187	112 993	58 081	172 678	16 544
3261	Plastics product manufacturing ..	—	11	6	810	22 426	610	1 164	14 188	67 070	36 170	103 428	15 541
32619	Other plastics product manufacturing .....	—	6	4	629	16 916	448	858	9 736	51 286	22 630	74 376	D
326199	All other plastics product manufacturing .....	—	6	4	629	16 916	448	858	9 736	51 286	22 630	74 376	D
3262	Rubber product manufacturing ...	—	4	3	298	10 426	253	553	7 999	45 923	21 911	69 250	1 003
332	Fabricated metal product manufacturing .....	—	30	9	742	26 246	534	1 092	15 062	89 814	29 772	120 356	3 333
3329	Other fabricated metal product 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>BURLINGTON, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
333	Machinery manufacturing .....	—	8	6	627	29 308	468	946	19 063	83 976	181 139	264 091	6 153
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
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	1	7	4	660	26 154	350	767	9 410	56 350	26 678	79 684	2 422
3346	Manufacturing and reproducing magnetic and optical media.....	—	2	1	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	2	1	e	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	5	3	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing .....	—	1	1	e	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 .....	8	4	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	—	13	4	320	13 421	218	494	6 207	23 823	17 381	40 961	1 379
339	Miscellaneous manufacturing .....	9	20	2	440	18 389	301	513	8 451	52 088	95 654	140 694	2 319
3399	Other miscellaneous manufacturing .....	9	11	2	403	16 924	272	458	7 698	48 610	93 961	135 521	2 176
33999	All other miscellaneous manufacturing .....	9	6	2	e	D	D	D	D	D	D	D	2 142
339999	All other miscellaneous manufacturing .....	9	4	2	e	D	D	D	D	D	D	D	D
<b>ELIZABETH CITY, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	41	11	770	24 532	572	1 224	14 017	68 620	71 758	135 287	4 612
<b>FAYETTEVILLE, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	129	52	13 915	463 114	10 647	21 129	312 122	1 840 779	1 544 348	3 387 798	102 337
311	Food manufacturing .....	4	16	8	1 666	36 198	1 222	2 586	19 995	275 255	296 374	570 815	9 223
3116	Animal slaughtering and processing .....	8	5	5	1 462	30 197	1 107	2 379	17 425	251 153	54 079	305 871	7 045
31161	Animal slaughtering and processing .....	8	5	5	1 462	30 197	1 107	2 379	17 425	251 153	54 079	305 871	7 045
311615	Poultry processing .....	9	2	2	g	D	D	D	D	D	D	D	D
313	Textile mills .....	—	4	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	1	1	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	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>FAYETTEVILLE, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
315	Apparel manufacturing .....	2	6	3	2 024	32 561	1 460	2 787	25 801	72 970	58 120	125 360	D
3152	Cut and sew apparel manufacturing .....	3	5	3	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
315228	Men's and boys' cut and sew other outerwear manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	2	10	5	301	8 273	217	414	4 568	14 484	17 816	31 202	887
325	Chemical manufacturing .....	-	7	6	1 091	41 452	953	1 737	37 018	538 138	348 419	894 258	23 468
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	4	4	e	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	3	3	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing .....	-	2	2	h	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	-	1	1	h	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	-	1	1	h	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	10	4	290	9 867	221	400	5 749	20 099	16 726	36 520	573
333	Machinery manufacturing .....	-	4	1	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333991	Power-driven handtool manufacturing .....	-	1	1	g	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
335314	Relay and industrial control manufacturing .....	-	1	1	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
33639	Other motor vehicle parts manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	-	2	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>FOREST CITY, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	87	36	7 350	208 848	5 964	11 646	149 007	'568 596	'561 201	1 126 391	45 591
311	Food manufacturing .....	-	5	1	420	7 713	366	444	5 664	19 261	36 000	52 781	1 609
3116	Animal slaughtering and processing .....	-	2	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	2	1	e	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	-	2	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	-	'13	'10	'2 602	'73 772	'1 990	'3 829	'48 986	'182 815	'224 260	'409 161	'13 651
3132	Fabric mills .....	-	6	3	1 902	55 339	1 413	2 677	36 220	112 907	163 437	276 965	D
31321	Broadwoven fabric mills .....	-	4	2	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	4	2	g	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
3133	Textile and fabric finishing and fabric coating mills .....	-	4	4	502	13 271	410	818	8 785	50 470	40 608	92 887	2 918
31331	Textile and fabric finishing mills .....	1	3	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	10	4	495	16 140	363	753	10 826	38 370	49 259	87 144	2 674
3219	Other wood product manufacturing .....	-	6	3	418	12 146	302	622	7 844	33 197	35 385	68 060	2 303
32199	All other wood product manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	12	7	811	24 509	639	1 366	15 734	85 585	47 657	135 332	4 633
3261	Plastics product manufacturing ..	-	10	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	8	4	572	16 513	450	924	9 929	65 310	32 072	99 747	3 964
326199	All other plastics product manufacturing .....	-	8	4	572	16 513	450	924	9 929	65 310	32 072	99 747	3 964
332	Fabricated metal product manufacturing .....	-	11	5	1 303	38 421	1 118	2 101	30 474	133 288	86 922	217 431	19 591
3329	Other fabricated metal product manufacturing .....	-	4	4	1 239	36 681	1 081	2 032	29 569	129 131	84 672	211 036	D
33291	Metal valve manufacturing ....	1	3	3	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing .....	1	2	2	f	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
337	Furniture and related product manufacturing .....	-	9	3	g	D	D	D	D	D	D	D	1 557
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	7	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing ....	-	1	1	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork 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>GOLDSBORO, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	93	36	8 764	269 104	7 221	16 234	194 713	877 472	649 817	1 522 542	57 645
311	Food manufacturing .....	-	17	9	4 685	121 341	4 059	9 348	92 446	513 714	229 106	732 744	16 867
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	-	3	2	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	-	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	7	4	h	D	D	D	D	D	D	D	8 883
31161	Animal slaughtering and processing .....	-	7	4	h	D	D	D	D	D	D	D	8 883
311615	Poultry processing .....	-	2	2	h	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	3	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	8	3	f	D	D	D	D	D	D	D	641
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	5	4	777	32 666	556	1 085	20 756	68 957	69 392	144 964	11 031
3353	Electrical equipment manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing .....	-	1	1	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
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>GREENVILLE, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	120	49	8 227	309 327	6 093	12 694	180 496	804 788	800 699	1 612 866	72 081
312	Beverage and tobacco product manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying .....	-	1	1	e	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying .....	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	-	5	5	1 158	29 844	1 021	1 990	21 425	111 031	85 233	194 261	4 034
3132	Fabric mills .....	-	2	2	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	-	1	1	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	-	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, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
322	Paper manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	4	3	1 503	98 885	501	1 295	28 062	197 379	91 846	291 541	D
3254	Pharmaceutical and medicine manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	4	22	11	1 044	36 139	834	1 681	24 865	68 224	46 165	115 075	3 603
3322	Cutlery and handtool manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	8	4	4	464	18 361	338	725	11 183	32 772	23 576	56 416	1 774
33231	Plate work and fabricated structural product manufacturing .....	9	3	3	e	D	D	D	D	D	D	D	D
332313	Plate work manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	1	4	2	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	2	7	5	1 198	47 797	915	2 084	32 991	184 287	147 023	332 220	12 479
3363	Motor vehicle parts manufacturing .....	3	4	4	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	8	2	2	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	8	2	2	e	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	—	2	1	e	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	—	2	1	e	D	D	D	D	D	D	D	D
336612	Boat building .....	—	2	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	—	7	1	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	6	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	17	2	309	8 424	259	478	5 380	21 498	13 498	33 630	596
3399	Other miscellaneous manufacturing .....	—	7	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>HENDERSON, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	47	22	2 807	79 557	2 182	4 309	55 082	297 955	290 028	587 867	19 416
311	Food manufacturing .....	1	7	3	289	10 089	206	406	6 706	106 185	79 961	186 731	D
313	Textile mills .....	-	4	3	e	D	D	D	D	D	D	D	D
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
314	Textile product mills .....	-	3	2	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	1	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	e	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	4	2	263	5 898	154	323	3 205	12 853	15 891	30 846	D
321	Wood product manufacturing .....	3	5	3	260	4 935	202	393	3 843	12 957	15 809	28 815	315
327	Nonmetallic mineral product manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
327213	Glass container manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	4	2	396	11 587	281	606	6 216	25 153	21 133	46 757	D
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
333411	Air purification equipment manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
<b>HICKORY-MORGANTON-LENOIR, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	936	447	67 818	1 898 418	54 936	103 847	1 312 055	5 078 261	4 941 291	10 024 041	236 862
311	Food manufacturing .....	-	14	7	2 461	63 230	1 851	3 648	37 844	192 983	185 861	378 459	6 006
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	1	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	4	3	767	15 204	750	1 655	14 767	30 678	70 157	100 584	1 230
31161	Animal slaughtering and processing .....	-	4	3	767	15 204	750	1 655	14 767	30 678	70 157	100 584	1 230
311615	Poultry processing .....	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	4	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
313	Textile mills .....	1	58	44	5 125	137 636	4 218	8 189	96 635	367 863	414 230	790 462	44 846
3131	Fiber, yarn, and thread mills .....	-	20	18	1 427	39 422	1 204	2 389	27 960	116 460	129 982	243 196	D
31311	Fiber, yarn, and thread mills ...	-	20	18	1 427	39 422	1 204	2 389	27 960	116 460	129 982	243 196	D
313111	Yarn spinning mills .....	-	14	13	1 149	30 953	972	1 938	22 241	91 566	85 521	175 510	D
313112	Yarn texturizing, throwing, and twisting mills .....	2	5	5	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	18	13	2 503	68 959	2 030	3 921	48 793	185 820	185 275	381 150	14 707
31321	Broadwoven fabric mills .....	2	8	7	1 737	49 533	1 447	2 906	36 548	141 581	133 303	279 823	13 960
313210	Broadwoven fabric mills .....	2	8	7	1 737	49 533	1 447	2 906	36 548	141 581	133 303	279 823	13 960
31324	Knit fabric mills .....	-	8	4	f	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	-	4	2	414	10 314	303	488	6 406	22 781	15 998	41 456	217

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>HICKORY-MORGANTON-LENOIR, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
313	Textile mills—Con.													
3133	Textile and fabric finishing and fabric coating mills .....	3	20	13	1 195	29 255	984	1 879	19 882	65 583	98 973	166 116	D	
31331	Textile and fabric finishing mills .....	3	18	11	g	D	D	D	D	D	D	D	D	
313311	Broadwoven fabric finishing mills .....	8	9	5	e	D	D	D	D	D	D	D	D	
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	1	9	6		676	15 445	556	1 066	10 166	35 778	63 095	100 826	1 753
314	Textile product mills .....	2	36	15	1 539	34 214	1 256	2 293	24 969	85 105	81 504	167 674	2 917	
3141	Textile furnishings mills .....	3	18	8	862	17 504	697	1 234	13 521	48 832	47 284	96 671	694	
31412	Curtain and linen mills .....	3	18	8	862	17 504	697	1 234	13 521	48 832	47 284	96 671	694	
314129	Other household textile product mills .....	3	13	8	843	16 978	683	1 208	13 238	48 042	46 183	94 813	675	
3149	Other textile product mills .....	—	18	7	677	16 710	559	1 059	11 448	36 273	34 220	71 003	2 223	
31499	All other textile product mills . . .	—	16	7	f	D	D	D	D	D	D	D	D	
314999	All other miscellaneous textile product mills .....	—	14	6	f	D	D	D	D	D	D	D	D	
315	Apparel manufacturing .....	—	86	37	5 073	119 096	4 050	7 890	79 544	299 420	301 385	603 982	9 797	
3151	Apparel knitting mills .....	—	70	28	4 463	107 529	3 525	6 951	71 208	278 279	282 011	562 942	8 666	
31511	Hosiery and sock mills .....	—	65	25	h	D	D	D	D	D	D	D	D	
315111	Sheer hosiery mills .....	1	14	4	e	D	D	D	D	D	D	D	D	
315119	Other hosiery and sock mills . . .	—	51	21	3 483	84 612	2 658	5 228	53 271	216 007	175 660	393 735	6 557	
31519	Other apparel knitting mills .....	—	5	3	f	D	D	D	D	D	D	D	D	
315191	Outerwear knitting mills .....	—	5	3	f	D	D	D	D	D	D	D	D	
3152	Cut and sew apparel manufacturing .....	—	11	6		380	7 303	315	561	4 703	12 101	10 626	23 306	1 083
316	Leather and allied product manufacturing .....	8	8	3	538	15 035	455	850	12 036	25 489	47 148	70 622	369	
3161	Leather and hide tanning and finishing .....	8	7	2	e	D	D	D	D	D	D	D	D	
31611	Leather and hide tanning and finishing .....	8	7	2	e	D	D	D	D	D	D	D	D	
316110	Leather and hide tanning and finishing .....	8	7	2	e	D	D	D	D	D	D	D	D	
321	Wood product manufacturing .....	3	103	39	2 303	59 814	1 968	3 738	45 393	119 299	120 586	237 590	8 644	
3212	Veneer, plywood, and engineered wood product manufacturing .....	3	18	16	869	25 420	734	1 533	18 661	45 758	49 257	95 587	1 955	
32121	Veneer, plywood, and engineered wood product manufacturing .....	3	18	16	869	25 420	734	1 533	18 661	45 758	49 257	95 587	1 955	
321211	Hardwood veneer and plywood manufacturing .....	2	13	12	694	20 073	594	1 243	14 939	34 136	37 102	71 967	1 402	
3219	Other wood product manufacturing .....	4	64	22	1 312	31 506	1 129	2 018	24 575	65 023	60 041	122 585	5 849	
32191	Millwork .....	5	38	11	676	16 292	585	1 085	12 802	31 654	36 004	67 805	1 393	
321912	Cut stock, resawing lumber, and planing .....	5	30	10	582	14 011	500	946	10 903	29 136	32 673	61 930	1 302	
32192	Wood container and pallet manufacturing .....	—	9	6	253	4 931	210	327	3 902	10 166	7 268	17 093	D	
321920	Wood container and pallet manufacturing .....	—	9	6	253	4 931	210	327	3 902	10 166	7 268	17 093	D	
32199	All other wood product manufacturing .....	2	17	5	383	10 283	334	606	7 871	23 203	16 769	37 687	D	
321999	All other miscellaneous wood product manufacturing .....	2	16	5	e	D	D	D	D	D	D	D	D	
322	Paper manufacturing .....	—	20	16	1 832	60 902	1 449	2 665	38 015	190 470	238 622	426 780	17 519	
3222	Converted paper product manufacturing .....	—	19	16	g	D	D	D	D	D	D	D	D	
32221	Paperboard container manufacturing .....	—	11	9	f	D	D	D	D	D	D	D	12 959	
322211	Corrugated and solid fiber box manufacturing .....	—	6	6	496	17 059	372	691	8 997	33 615	57 062	91 195	D	
322212	Folding paperboard box manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D	
32222	Paper bag and coated and treated paper manufacturing ..	—	7	6	829	25 835	636	1 069	14 240	102 208	113 293	215 003	D	
322222	Coated and laminated paper manufacturing .....	—	5	5	f	D	D	D	D	D	D	D	D	
323	Printing and related support activities .....	—	34	6	f	D	D	D	D	D	D	D	D	
3231	Printing and related support activities .....	—	34	6	f	D	D	D	D	D	D	D	D	
32311	Printing .....	—	29	5	f	D	D	D	D	D	D	D	2 237	
323110	Commercial lithographic printing .....	—	17	5		756	24 265	622	1 232	17 137	53 386	28 205	80 785	1 948

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>HICKORY-MORGANTON-LENOIR, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
325	Chemical manufacturing .....	1	24	8	871	35 557	497	912	15 285	120 954	108 289	231 727	5 790
3255	Paint, coating, and adhesive manufacturing .....	—	7	4	266	11 915	133	253	5 469	71 005	56 635	129 566	1 913
326	Plastics and rubber products manufacturing .....	—	52	35	3 863	103 584	3 140	5 671	70 916	331 947	365 217	702 517	16 362
3261	Plastics product manufacturing ..	—	46	33	3 573	98 089	2 909	5 429	67 905	319 169	332 420	656 007	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing .....	—	5	3	323	11 203	257	553	7 301	29 123	26 933	58 528	D
32615	Urethane and other foam product (except polystyrene) manufacturing .....	—	22	19	1 800	42 066	1 442	2 401	27 819	144 512	167 086	312 295	4 007
326150	Urethane and other foam product (except polystyrene) manufacturing .....	—	22	19	1 800	42 066	1 442	2 401	27 819	144 512	167 086	312 295	4 007
32619	Other plastics product manufacturing .....	1	13	8	1 277	40 848	1 069	2 244	30 405	135 434	127 912	264 573	7 666
326199	All other plastics product manufacturing .....	1	13	8	1 277	40 848	1 069	2 244	30 405	135 434	127 912	264 573	7 666
3262	Rubber product manufacturing ...	—	6	2	290	5 495	231	242	3 011	12 778	32 797	46 510	D
32629	Other rubber product manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	6	30	12	1 351	41 142	921	1 726	24 129	157 634	123 880	280 882	7 387
3272	Glass and glass product manufacturing .....	8	6	4	658	18 559	513	935	12 769	112 080	78 509	190 516	D
32721	Glass and glass product manufacturing .....	8	6	4	658	18 559	513	935	12 769	112 080	78 509	190 516	D
327215	Glass product manufacturing made of purchased glass ..	8	6	4	658	18 559	513	935	12 769	112 080	78 509	190 516	D
3273	Cement and concrete product manufacturing .....	4	19	6	282	10 255	171	356	5 599	23 874	20 627	44 614	1 392
3279	Other nonmetallic mineral product manufacturing .....	—	5	2	411	12 328	237	435	5 761	21 680	24 744	45 752	D
32791	Abrasive product manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	10	4	933	38 423	661	1 157	19 459	114 994	167 936	274 820	3 293
3314	Nonferrous metal (except aluminum) production and processing .....	1	6	2	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	—	2	1	f	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing.....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	70	19	2 428	62 436	2 026	3 146	42 238	125 522	94 156	221 208	5 311
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
3326	Spring and wire product manufacturing .....	—	4	2	745	15 133	673	893	11 201	31 495	27 480	59 055	D
33261	Spring and wire product manufacturing .....	—	4	2	745	15 133	673	893	11 201	31 495	27 480	59 055	D
332612	Spring (light gauge) manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	32	3	e	D	D	D	D	D	D	D	D
33271	Machine shops .....	2	30	3	280	9 756	212	440	6 514	17 800	8 786	28 059	1 145
332710	Machine shops .....	2	30	3	280	9 756	212	440	6 514	17 800	8 786	28 059	1 145
3329	Other fabricated metal product manufacturing .....	6	13	5	329	11 831	274	561	9 016	26 138	18 563	44 370	975
33299	All other fabricated metal product manufacturing .....	7	12	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>HICKORY-MORGANTON-LENOIR, NC METROPOLITAN STATISTICAL AREA—Con.</b>												
333	Machinery manufacturing .....	1	29	8	964	38 487	661	1 252	21 928	105 698	113 526	213 773	10 096
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	7	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	15	8	1 041	37 638	660	1 223	16 671	120 246	100 372	228 535	D
3342	Communications equipment manufacturing .....	—	10	6	769	29 107	463	838	12 628	101 600	84 675	188 872	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	5	3	e	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	—	5	3	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	1	14	10	4 348	144 234	3 317	6 549	101 693	386 265	398 510	800 412	17 804
3359	Other electrical equipment and component manufacturing .....	1	10	8	4 093	137 799	3 097	6 085	97 544	371 475	385 589	772 715	17 738
33591	Battery manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	1	6	5	2 105	79 225	1 458	2 532	50 972	249 474	302 876	565 654	D
335921	Fiber optic cable manufacturing .....	1	3	3	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	—	3	2	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	9	1	1	g	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	14	5	1 273	50 998	826	1 714	27 313	250 357	455 031	707 147	D
3363	Motor vehicle parts manufacturing .....	—	8	5	1 256	50 405	812	1 688	26 892	249 016	452 788	703 563	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
33635	Motor vehicle transmission and power train parts manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	277	162	29 282	783 494	24 921	47 138	590 478	1 835 287	1 502 905	3 314 338	48 213
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	213	131	27 302	736 308	23 259	44 326	555 940	1 728 047	1 442 998	3 146 424	44 655
33712	Household and institutional furniture manufacturing .....	1	196	126	27 061	730 482	23 069	44 036	551 747	1 713 170	1 425 691	3 114 152	44 037
337121	Upholstered household furniture manufacturing ....	—	135	92	16 081	456 977	13 380	24 980	336 497	979 851	781 597	1 755 002	23 438
337122	Nonupholstered wood household furniture manufacturing .....	2	50	31	10 620	262 072	9 440	18 636	210 258	702 711	617 422	1 301 617	19 884
337125	Household furniture (except wood and metal) manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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<b>HICKORY-MORGANTON-LENOIR, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing .....	1	64	31	1 980	47 186	1 662	2 812	34 538	107 240	59 907	167 914	3 558
33721	Office furniture (including fixtures) manufacturing .....	1	64	31	1 980	47 186	1 662	2 812	34 538	107 240	59 907	167 914	3 558
337211	Wood office furniture manufacturing .....	—	7	6	844	20 235	748	1 163	15 853	51 765	26 987	79 434	1 541
337215	Showcase, partition, shelving, and locker manufacturing .....	2	57	25	1 136	26 951	914	1 649	18 685	55 475	32 920	88 480	2 017
339	Miscellaneous manufacturing .....	6	37	9	1 608	41 238	1 253	2 508	25 528	174 569	75 974	253 648	7 788
3391	Medical equipment and supplies manufacturing .....	6	20	4	1 228	33 988	954	2 026	21 000	155 154	66 018	223 866	7 550
33911	Medical equipment and supplies manufacturing .....	6	20	4	1 228	33 988	954	2 026	21 000	155 154	66 018	223 866	7 550
339113	Surgical appliance and supplies manufacturing ....	7	6	2	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	17	5	380	7 250	299	482	4 528	19 415	9 956	29 782	238
33999	All other miscellaneous manufacturing .....	—	8	4	324	5 817	257	410	3 661	16 672	7 916	24 966	196
339999	All other miscellaneous manufacturing .....	—	8	4	324	5 817	257	410	3 661	16 672	7 916	24 966	196
<b>JACKSONVILLE, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	41	9	1 415	35 165	1 163	2 285	25 322	46 289	143 883	189 839	3 313
311	Food manufacturing .....	—	3	2	f	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
311612	Meat processed from carcasses .....	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
<b>KILL DEVIL HILLS, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	6	41	6	577	18 138	473	947	13 404	45 773	40 099	86 014	2 012
336	Transportation equipment manufacturing .....	7	14	3	327	10 043	284	575	7 878	23 193	28 019	51 212	1 201
3366	Ship and boat building .....	7	14	3	327	10 043	284	575	7 878	23 193	28 019	51 212	1 201
33661	Ship and boat building .....	7	14	3	327	10 043	284	575	7 878	23 193	28 019	51 212	1 201
336612	Boat building .....	6	13	3	e	D	D	D	D	D	D	D	D
<b>KINSTON, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	65	24	4 916	145 607	4 138	8 222	107 102	470 116	539 038	1 008 196	33 629
311	Food manufacturing .....	—	5	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	2	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	2	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	—	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	9	1	1	e	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	9	1	1	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	9	1	1	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	9	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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<b>KINSTON, NC MICROPOLITAN STATISTICAL AREA—Con.</b>													
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
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
326	Plastics and rubber products manufacturing .....	-	4	3	691	19 564	621	1 309	15 872	57 930	57 774	114 834	D
3261	Plastics product manufacturing ..	-	3	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	6	2	380	11 809	287	564	8 506	35 223	19 804	55 685	3 245
3271	Clay product and refractory manufacturing .....	-	1	1	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
333	Machinery manufacturing .....	-	4	3	430	14 700	348	808	9 891	21 926	47 583	69 864	D
3339	Other general purpose machinery manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	4	3	860	25 108	705	1 322	16 268	97 672	121 538	219 685	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
337	Furniture and related product manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ...	-	4	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	-	4	1	e	D	D	D	D	D	D	D	D
<b>MOREHEAD CITY, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	77	12	1 625	39 724	1 357	2 407	28 725	100 839	132 426	231 700	5 924
321	Wood product manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing ...	-	3	2	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
321211	Hardwood veneer and plywood manufacturing ...	-	3	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	3	15	3	353	9 414	298	437	7 758	14 183	24 151	38 334	1 725
3366	Ship and boat building .....	3	15	3	353	9 414	298	437	7 758	14 183	24 151	38 334	1 725
33661	Ship and boat building .....	3	15	3	353	9 414	298	437	7 758	14 183	24 151	38 334	1 725
336612	Boat building .....	3	13	3	e	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NEW BERN, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	92	22	4 451	159 517	3 612	7 178	112 054	548 237	643 517	1 192 332	61 006
313	Textile mills .....	-	1	1	e	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	1	1	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	1	1	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	e	D	D	D	D	D	D	D	D
32211	Pulp mills .....	-	1	1	e	D	D	D	D	D	D	D	D
322110	Pulp mills .....	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	13	2	g	D	D	D	D	D	D	D	920
3329	Other fabricated metal product manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing ....	-	1	1	g	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing .....	-	1	1	g	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
3352	Household appliance manufacturing .....	-	1	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
335228	Other major household appliance manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	-	3	2	f	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	-	3	2	f	D	D	D	D	D	D	D	D
336612	Boat building .....	-	3	2	f	D	D	D	D	D	D	D	D
<b>NORTH WILKESBORO, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	98	36	6 656	167 534	5 821	11 369	133 616	749 974	580 104	1 316 935	26 175
311	Food manufacturing .....	-	10	6	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	6	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	6	4	h	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	3	3	h	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	5	10	6	768	15 998	677	1 486	13 498	15 950	23 057	40 553	409
3151	Apparel knitting mills .....	4	5	4	671	14 360	604	1 366	12 281	14 293	19 824	35 754	D
31519	Other apparel knitting mills ....	-	3	2	e	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills .....	-	3	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	16	8	850	24 746	769	1 426	20 558	93 195	94 809	186 799	2 148
3212	Veneer, plywood, and engineered wood product manufacturing ....	-	1	1	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	D
32191	Millwork .....	-	4	3	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring) .....	-	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	4	12	3	633	17 511	490	914	13 453	44 868	55 883	101 468	2 337
3272	Glass and glass product manufacturing .....	5	4	2	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	5	4	2	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	5	4	2	e	D	D	D	D	D	D	D	D

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<b>NORTH WILKESBORO, NC MICROPOLITAN STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing .....	1	7	4	852	24 831	713	1 418	17 272	76 231	52 455	112 358	3 868
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	6	4	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	1	4	4	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>ROANOKE RAPIDS, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	5	55	22	2 968	107 164	2 393	4 708	77 592	391 223	402 254	792 961	34 531
313	Textile mills .....	—	3	1	e	D	D	D	D	D	D	D	32
3133	Textile and fabric finishing and fabric coating mills .....	—	2	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	—	2	1	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	13	7	479	14 032	397	904	10 074	28 219	73 088	102 368	2 674
3211	Sawmills and wood preservation ..	—	9	6	398	12 007	327	741	8 722	23 773	68 827	93 521	2 526
32111	Sawmills and wood preservation .....	—	9	6	398	12 007	327	741	8 722	23 773	68 827	93 521	2 526
321113	Sawmills .....	—	6	4	324	10 016	277	633	7 721	20 788	41 973	62 855	D
322	Paper manufacturing .....	9	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	4	3	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	9	1	1	e	D	D	D	D	D	D	D	D
<b>ROCKINGHAM, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	54	23	3 948	104 454	3 365	5 395	78 727	336 256	268 417	619 028	16 125
311	Food manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	—	3	3	1 076	35 950	964	1 834	30 244	61 983	119 801	176 522	1 680
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
315	Apparel manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	3	3	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	3	3	f	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	3	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	2	8	7	569	20 137	475	1 009	15 316	78 632	66 201	143 761	5 309
3222	Converted paper product manufacturing .....	2	6	5	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	4	3	368	11 495	312	603	8 499	30 428	36 061	66 831	D
3261	Plastics product manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For 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>ROCKY MOUNT, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	151	72	13 936	439 386	10 734	22 104	305 844	1 859 194	1 706 724	3 559 868	73 716
311	Food manufacturing .....	-	13	7	2 188	66 282	1 233	2 386	31 911	211 499	170 224	382 743	10 042
3118	Bakeries and tortilla manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	1	1	g	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
313	Textile mills .....	4	9	7	946	20 979	840	1 633	16 315	56 713	72 797	132 586	2 057
3132	Fabric mills .....	8	6	5	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	8	3	3	640	14 939	587	1 192	11 679	33 420	31 799	65 317	1 699
313249	Other knit fabric and lace mills .....	8	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	9	5	3	e	D	D	D	D	D	D	D	826
3141	Textile furnishings mills .....	9	3	1	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	9	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	9	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	1	8	3	390	7 132	329	624	5 176	10 364	6 254	17 116	D
3151	Apparel knitting mills .....	-	1	1	e	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	-	1	1	e	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	14	9	651	17 208	547	1 047	12 238	31 937	60 346	93 541	1 207
3219	Other wood product manufacturing .....	1	11	7	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	-	6	4	414	10 533	334	588	6 865	18 846	41 630	62 803	821
321991	Manufactured home (mobile home) manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	5	1	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	2	7	6	954	23 802	766	1 386	15 671	72 967	93 150	159 417	4 827
3261	Plastics product manufacturing ..	2	7	6	954	23 802	766	1 386	15 671	72 967	93 150	159 417	4 827
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing .....	8	3	2	428	9 635	352	581	6 047	25 229	19 575	43 444	D
326150	Urethane and other foam product (except polystyrene) manufacturing .....	8	3	2	428	9 635	352	581	6 047	25 229	19 575	43 444	D
331	Primary metal manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	-	2	2	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	-	2	2	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

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

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

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<b>ROCKY MOUNT, NC METROPOLITAN STATISTICAL AREA—Con.</b>													
332	Fabricated metal product manufacturing .....	-	24	8	1 544	47 634	1 155	2 320	28 772	127 691	98 024	224 973	6 043
3323	Architectural and structural metals manufacturing .....	-	8	3	661	19 284	504	928	11 198	52 675	45 357	98 107	D
33231	Plate work and fabricated structural product manufacturing .....	-	5	1	e	D	D	D	D	D	D	D	183
332311	Prefabricated metal building and component manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	-	1	1	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
333	Machinery manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	9	3	1	e	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	9	3	1	e	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	9	3	1	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	7	6	892	29 495	707	1 294	20 912	69 923	92 067	168 067	8 376
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
3359	Other electrical equipment and component manufacturing .....	-	3	3	533	20 064	420	814	14 731	44 659	73 678	124 208	D
33592	Communication and energy wire and cable manufacturing ..	-	3	3	533	20 064	420	814	14 731	44 659	73 678	124 208	D
335929	Other communication and energy wire manufacturing ..	-	3	3	533	20 064	420	814	14 731	44 659	73 678	124 208	D
336	Transportation equipment manufacturing .....	-	7	5	916	37 614	706	1 779	26 905	210 173	271 974	476 405	10 611
3363	Motor vehicle parts manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	12	3	526	13 470	441	892	10 353	31 054	38 040	68 538	833
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	8	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	5	1	e	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SANFORD, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	98	51	8 990	303 147	6 539	13 238	171 236	1 081 237	1 234 394	2 324 347	164 317
311	Food manufacturing .....	-	3	2	1 484	36 366	1 323	2 635	28 365	53 898	121 423	175 985	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
3118	Bakeries and tortilla manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	-	8	7	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	7	6	f	D	D	D	D	D	D	D	3 753
31311	Fiber, yarn, and thread mills .....	-	7	6	f	D	D	D	D	D	D	D	3 753
313111	Yarn spinning mills .....	-	6	5	816	23 160	716	1 481	17 262	43 389	189 932	238 001	3 753
314	Textile product mills .....	1	6	4	344	7 178	317	633	6 056	17 692	18 556	37 379	132
321	Wood product manufacturing .....	-	7	3	304	9 033	226	453	5 371	23 546	24 083	47 662	253
325	Chemical manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	4	4	g	D	D	D	D	D	D	D	6 357
3261	Plastics product manufacturing ..	-	4	4	g	D	D	D	D	D	D	D	6 357
32611	Plastics packaging materials and un laminated film and sheet manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	8	5	462	14 937	388	836	11 041	40 570	17 830	57 945	3 543
3271	Clay product and refractory manufacturing .....	-	5	4	424	13 803	357	773	10 261	37 761	15 501	52 807	D
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	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	16	7	1 084	42 501	813	1 759	28 650	88 714	147 120	243 856	D
3329	Other fabricated metal product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
332998	Enameled iron and metal sanitary ware manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	15	8	1 329	50 473	867	1 600	23 861	92 661	276 638	368 169	4 650
3331	Agriculture, construction, and mining machinery manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D

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

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<b>SANFORD, NC MICROPOLITAN STATISTICAL AREA—Con.</b>													
336	Transportation equipment manufacturing .....	—	4	3	1 118	41 717	775	1 502	21 798	125 036	84 292	208 967	D
3363	Motor vehicle parts manufacturing .....	—	4	3	1 118	41 717	775	1 502	21 798	125 036	84 292	208 967	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
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
<b>SOUTHERN PINES, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	89	27	2 929	79 951	2 273	4 579	52 205	251 045	392 355	649 018	8 623
311	Food manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
313	Textile mills .....	4	10	5	511	15 317	441	959	11 455	37 511	55 444	92 610	4 213
3132	Fabric mills .....	2	5	4	381	11 454	333	733	8 672	28 863	44 439	73 783	3 960
31321	Broadwoven fabric mills .....	6	2	2	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	6	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	1	1	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	1	1	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	—	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	6	2	288	7 655	227	429	5 202	14 891	24 106	40 588	112
3219	Other wood product manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	11	5	279	8 501	224	418	5 877	29 211	37 589	67 474	1 090
333	Machinery manufacturing .....	—	6	4	348	12 378	235	472	7 026	68 654	47 421	112 177	D
337	Furniture and related product manufacturing .....	3	8	3	269	6 388	199	354	4 118	14 718	14 724	34 212	244
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	7	3	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	3	5	3	252	6 078	186	337	3 914	14 255	14 308	33 333	D
<b>VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	1 054	296	58 008	2 348 321	41 469	83 611	1 490 395	8 196 363	8 090 404	16 238 009	531 255
311	Food manufacturing .....	2	100	33	8 170	261 185	6 200	13 616	181 092	1 024 961	1 250 589	2 268 782	47 010
3115	Dairy product manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	15	8	i	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	15	8	i	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	—	3	2	h	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	1	9	6	712	20 872	589	1 361	16 888	135 991	37 797	174 883	D
3117	Seafood product preparation and packaging .....	5	12	5	565	17 377	431	742	8 962	47 984	116 178	164 412	3 229
31171	Seafood product preparation and packaging .....	5	12	5	565	17 377	431	742	8 962	47 984	116 178	164 412	3 229
311712	Fresh and frozen seafood processing .....	5	10	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	1	47	10	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	1	45	9	f	D	D	D	D	D	D	D	1 925
311811	Retail bakeries .....	1	28	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	—	16	7	640	13 063	317	546	5 571	31 841	17 073	48 428	1 456

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.</b>												
311	Food manufacturing—Con.												
3119	Other food manufacturing .....	3	13	6	1 048	41 649	770	1 428	25 524	451 501	407 492	861 808	D
31191	Snack food manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
311911	Roasted nuts and peanut butter manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .....	6	3	3	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing .....	6	3	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	—	8	4	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	—	8	4	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	—	5	3	293	11 617	96	187	2 452	S	113 791	55 881	3 710
31212	Breweries .....	—	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries .....	—	2	1	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	4	42	4	334	6 939	244	428	3 968	12 566	10 358	23 627	302
315	Apparel manufacturing .....	4	27	4	251	6 167	208	398	4 207	14 334	13 660	27 562	531
321	Wood product manufacturing .....	—	38	14	859	24 115	641	1 143	14 704	91 269	76 522	165 608	6 278
3211	Sawmills and wood preservation .....	—	9	6	308	8 430	250	490	5 983	27 624	35 702	61 202	1 836
32111	Sawmills and wood preservation .....	—	9	6	308	8 430	250	490	5 983	27 624	35 702	61 202	1 836
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	5	4	314	9 655	217	370	5 444	49 695	27 942	77 939	3 720
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	5	4	314	9 655	217	370	5 444	49 695	27 942	77 939	3 720
322	Paper manufacturing .....	4	11	8	777	30 229	594	1 315	21 357	77 797	116 383	191 985	7 769
3222	Converted paper product manufacturing .....	4	10	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	2	6	4	336	13 397	247	542	8 650	31 463	61 030	90 794	D
32229	Other converted paper product manufacturing .....	2	2	2	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing .....	2	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	5	129	22	1 870	55 136	1 382	2 585	33 945	224 832	85 049	310 712	8 627
3231	Printing and related support activities .....	5	129	22	1 870	55 136	1 382	2 585	33 945	224 832	85 049	310 712	8 627
32311	Printing .....	5	122	22	1 827	54 164	1 352	2 539	33 302	223 119	84 609	308 549	8 596
323110	Commercial lithographic printing .....	6	65	13	1 133	35 565	845	1 519	22 193	187 603	59 004	247 039	6 690
323113	Commercial screen printing .....	2	18	6	316	7 728	248	520	4 404	11 972	9 568	21 789	410
324	Petroleum and coal products manufacturing .....	—	7	1	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing .....	—	7	1	e	D	D	D	D	D	D	D	D
32411	Petroleum refineries .....	—	1	1	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries .....	—	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	24	9	1 030	48 623	633	1 334	26 413	140 629	233 757	375 064	7 146
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	31	18	1 480	49 822	1 128	2 419	28 672	194 602	153 435	347 469	9 454
3261	Plastics product manufacturing .....	1	23	14	1 208	40 948	950	2 030	23 902	169 494	116 746	285 571	8 710
32619	Other plastics product manufacturing .....	—	17	10	986	34 152	761	1 660	18 911	151 537	93 628	244 536	7 452
326199	All other plastics product manufacturing .....	—	13	9	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing .....	—	8	4	272	8 874	178	389	4 770	25 108	36 689	61 898	744

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<b>327</b>	<b>VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.</b>												
	Nonmetallic mineral product manufacturing .....	1	64	24	1 825	63 325	1 385	2 878	41 799	198 699	174 494	375 184	17 331
3272	Glass and glass product manufacturing .....	—	6	2	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	6	2	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	2	43	14	763	22 645	607	1 296	16 615	79 803	72 180	150 877	9 570
32732	Ready-mix concrete manufacturing .....	1	26	5	356	10 380	285	585	7 985	41 672	52 026	93 704	6 658
327320	Ready-mix concrete manufacturing .....	1	26	5	356	10 380	285	585	7 985	41 672	52 026	93 704	6 658
3279	Other nonmetallic mineral product manufacturing .....	2	10	6	443	15 717	313	592	9 126	47 473	26 302	73 393	1 907
32791	Abrasive product manufacturing .....	2	3	3	309	11 826	209	374	6 410	37 347	17 282	54 293	664
327910	Abrasive product manufacturing .....	2	3	3	309	11 826	209	374	6 410	37 347	17 282	54 293	664
331	Primary metal manufacturing .....	—	7	3	1 277	54 112	971	1 871	34 452	137 263	94 070	241 217	D
3315	Foundries .....	—	3	2	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	—	3	2	g	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	160	40	2 846	103 183	2 100	4 216	65 668	251 210	236 242	481 282	10 227
3323	Architectural and structural metals manufacturing .....	1	59	21	1 253	44 766	870	1 748	24 887	90 001	70 811	160 944	4 917
33231	Plate work and fabricated structural product manufacturing .....	2	26	13	736	25 702	510	1 067	14 725	54 741	43 050	97 846	1 937
332312	Fabricated structural metal manufacturing .....	2	18	8	448	15 311	293	586	7 460	36 455	34 959	71 683	1 580
332313	Plate work manufacturing .....	3	6	4	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	1	33	8	517	19 064	360	681	10 162	35 260	27 761	63 098	2 980
332322	Sheet metal work manufacturing .....	—	27	8	e	D	D	D	D	D	D	D	2 935
3324	Boiler, tank, and shipping container manufacturing .....	—	5	4	370	17 767	298	613	13 253	82 099	129 522	207 435	2 117
33243	Metal can, box, and other metal container (light gauge) manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	1	62	8	631	21 768	466	968	14 978	38 325	15 442	52 540	1 120
33271	Machine shops .....	2	59	7	573	19 963	421	882	13 704	35 675	14 040	48 495	1 073
332710	Machine shops .....	2	59	7	573	19 963	421	882	13 704	35 675	14 040	48 495	1 073
333	Machinery manufacturing .....	—	62	27	4 192	148 613	2 694	5 363	76 851	431 445	517 648	959 953	29 199
3331	Agriculture, construction, and mining machinery manufacturing .....	—	6	2	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	—	4	2	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
3332	Industrial machinery manufacturing .....	1	5	2	254	10 161	182	333	6 534	17 639	16 099	34 394	D
33329	Other industrial machinery manufacturing .....	1	5	2	254	10 161	182	333	6 534	17 639	16 099	34 394	D
3333	Commercial and service industry machinery manufacturing .....	5	10	4	948	22 800	647	1 257	11 126	44 074	29 128	72 276	1 552
33331	Commercial and service industry machinery manufacturing .....	5	10	4	948	22 800	647	1 257	11 126	44 074	29 128	72 276	1 552
333319	Other commercial and service industry machinery manufacturing .....	9	5	1	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	—	14	6	520	20 211	298	598	9 797	50 358	19 123	72 125	D
33351	Metalworking machinery manufacturing .....	—	14	6	520	20 211	298	598	9 797	50 358	19 123	72 125	D

See footnotes at end of table.



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

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	<b>VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.</b>												
333	Machinery manufacturing—Con.												
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	765
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	765
3339	Other general purpose machinery manufacturing .....	1	17	9	809	30 558	435	860	13 328	89 103	74 258	168 758	6 616
33391	Pump and compressor manufacturing .....	—	9	5	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	3	1	e	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing .....	—	6	4	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	40	17	2 944	91 316	2 200	4 041	49 254	504 352	848 939	1 359 058	53 308
3341	Computer and peripheral equipment manufacturing .....	—	7	4	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	—	7	4	g	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	4	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	4	12	7	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	4	12	7	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	3	18	5	426	19 016	219	447	6 458	56 779	17 902	74 103	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	3	18	5	426	19 016	219	447	6 458	56 779	17 902	74 103	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables .....	1	5	3	e	D	D	D	D	D	D	D	305
335	Electrical equipment, appliance, and component manufacturing .....	2	11	7	411	14 959	300	529	8 241	46 109	53 193	92 549	977
336	Transportation equipment manufacturing .....	—	55	26	24 532	1 208 334	16 930	34 190	786 572	3 821 006	3 129 245	6 945 160	120 850
3361	Motor vehicle manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	11	6	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
336321	Vehicular lighting equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
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
3366	Ship and boat building .....	—	37	17	20 302	927 582	13 628	26 447	571 643	2 600 298	550 096	3 150 394	40 703
33661	Ship and boat building .....	—	37	17	20 302	927 582	13 628	26 447	571 643	2 600 298	550 096	3 150 394	40 703
336611	Ship building and repairing ..	—	28	15	20 045	920 102	13 419	26 041	566 183	2 591 674	539 297	3 130 971	40 305
336612	Boat building .....	—	9	2	257	7 480	209	406	5 460	8 624	10 799	19 423	398

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<b>VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing .....	4	107	13	1 044	30 305	798	1 349	18 895	61 285	44 487	105 936	1 885
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	88	8	761	20 291	577	1 029	12 639	37 994	25 901	64 114	D
33711	Wood kitchen cabinet and countertop manufacturing ....	3	64	7	616	17 527	458	836	10 515	29 458	19 602	49 279	711
337110	Wood kitchen cabinet and countertop manufacturing ..	3	64	7	616	17 527	458	836	10 515	29 458	19 602	49 279	711
339	Miscellaneous manufacturing .....	3	121	20	2 355	62 131	1 814	3 383	38 479	153 039	80 469	226 925	D
3391	Medical equipment and supplies manufacturing .....	3	50	8	916	28 146	685	1 258	17 354	74 126	25 362	93 588	D
33911	Medical equipment and supplies manufacturing .....	3	50	8	916	28 146	685	1 258	17 354	74 126	25 362	93 588	D
339115	Ophthalmic goods manufacturing .....	5	2	2	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	3	71	12	1 439	33 985	1 129	2 125	21 125	78 913	55 107	133 337	D
33995	Sign manufacturing .....	2	31	5	374	11 863	231	401	5 801	18 303	17 196	34 436	D
339950	Sign manufacturing .....	2	31	5	374	11 863	231	401	5 801	18 303	17 196	34 436	D
33999	All other miscellaneous manufacturing .....	-	13	3	602	12 602	496	960	8 742	34 288	24 436	58 798	D
339991	Gasket, packing, and sealing device manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
<b>WASHINGTON, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	62	17	3 598	124 306	2 800	5 763	86 426	356 424	456 725	823 019	58 749
313	Textile mills .....	-	2	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ....	-	1	1	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	14	4	293	11 127	217	468	8 090	30 543	17 867	48 908	659
336	Transportation equipment manufacturing .....	-	8	4	1 103	36 318	854	1 768	23 499	80 452	104 647	184 750	5 465
3362	Motor vehicle body and trailer manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	-	3	2	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
3366	Ship and boat building .....	-	4	1	e	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	-	4	1	e	D	D	D	D	D	D	D	D
336612	Boat building .....	-	3	1	e	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>WILMINGTON, NC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	2	313	69	9 551	416 103	6 827	13 796	274 748	1 347 496	1 292 386	2 684 211	59 776
315	Apparel manufacturing .....	—	12	5	309	7 322	205	387	3 516	49 466	48 585	99 648	165
321	Wood product manufacturing .....	1	16	6	496	13 423	425	843	10 610	22 873	64 925	86 243	925
322	Paper manufacturing .....	1	4	4	342	10 891	249	501	7 670	25 170	41 898	70 959	751
3222	Converted paper product manufacturing .....	1	4	4	342	10 891	249	501	7 670	25 170	41 898	70 959	751
32221	Paperboard container manufacturing .....	1	3	3	e	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	4	13	8	2 922	175 682	2 115	4 593	117 432	441 163	608 177	1 062 198	30 665
3251	Basic chemical manufacturing ...	4	12	7	h	D	D	D	D	D	D	D	D
32511	Petrochemical manufacturing ..	4	2	2	f	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing .....	4	2	2	f	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	6	4	3	2 033	123 543	1 464	2 969	81 836	153 525	130 863	295 904	D
325188	All other basic inorganic chemical manufacturing ....	6	4	3	2 033	123 543	1 464	2 969	81 836	153 525	130 863	295 904	D
326	Plastics and rubber products manufacturing .....	—	9	4	268	8 028	201	378	4 701	27 001	23 459	50 145	1 478
3261	Plastics product manufacturing ..	—	9	4	268	8 028	201	378	4 701	27 001	23 459	50 145	1 478
327	Nonmetallic mineral product manufacturing .....	—	31	6	1 273	57 487	785	1 545	35 595	138 934	66 408	217 026	7 799
3272	Glass and glass product manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	—	4	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	46	7	925	21 934	657	1 332	15 284	61 029	51 761	113 161	5 126
3323	Architectural and structural metals manufacturing .....	—	15	4	729	14 545	520	1 061	10 835	47 939	45 226	93 554	4 230
33232	Ornamental and architectural metal products manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	22	9	807	30 730	545	1 094	17 412	132 784	165 096	309 277	5 288
3339	Other general purpose machinery manufacturing .....	—	6	4	445	14 979	319	632	8 490	28 129	26 964	55 665	3 100
336	Transportation equipment manufacturing .....	—	14	5	1 210	61 954	985	1 945	46 961	375 639	175 279	555 604	4 215
3364	Aerospace product and parts manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	35	5	255	7 279	164	267	3 369	15 477	9 317	25 149	685
<b>WILSON, NC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	95	43	8 861	330 225	6 875	14 755	224 286	4 710 766	1 113 389	5 825 580	104 761
311	Food manufacturing .....	2	8	5	619	16 203	520	1 108	13 767	137 101	50 822	188 679	3 826
3116	Animal slaughtering and processing .....	—	3	2	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	3	2	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	—	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	1	4	3	f	D	D	D	D	D	D	D	5 618
3122	Tobacco manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying .....	—	2	1	f	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying .....	—	2	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>WILSON, NC MICROPOLITAN STATISTICAL AREA—Con.</b>													
313	Textile mills .....	9	1	1	e	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
314	Textile product mills .....	—	3	1	e	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	2	1	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	—	1	1	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	—	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	57 647
3254	Pharmaceutical and medicine manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	10	6	2 334	106 168	1 994	4 318	87 531	250 664	203 382	453 522	14 712
3261	Plastics product manufacturing ..	1	6	3	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	4	3	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	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	8	3	442	18 733	382	804	15 602	72 862	50 041	122 503	D
3272	Glass and glass product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
327213	Glass container manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	10	5	563	21 191	467	1 090	16 548	53 313	39 011	94 441	4 802
3329	Other fabricated metal product manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	—	10	4	263	8 020	192	388	5 137	12 415	15 373	27 887	318
339	Miscellaneous manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D

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

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

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

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

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

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

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

NAICS code	Geographic area and industry	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>ALAMANCE</b>													
31-33	Manufacturing .....	1	254	133	17 381	539 437	13 665	27 048	358 309	1 717 939	1 704 681	3 424 705	96 796
313	Textile mills .....	1	33	27	4 542	118 988	3 831	7 858	87 883	265 973	525 114	794 289	9 294
3131	Fiber, yarn, and thread mills .....	-	7	6	839	23 085	735	1 628	18 126	50 842	110 400	160 479	932
31311	Fiber, yarn, and thread mills ...	-	7	6	839	23 085	735	1 628	18 126	50 842	110 400	160 479	932
313112	Yarn texturizing, throwing, and twisting mills .....	-	4	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	18	15	2 381	59 599	2 026	4 039	43 482	137 885	188 482	327 570	5 817
31321	Broadwoven fabric mills .....	4	5	5	1 079	25 184	955	1 884	20 536	67 555	90 331	160 354	2 327
313210	Broadwoven fabric mills .....	4	5	5	1 079	25 184	955	1 884	20 536	67 555	90 331	160 354	2 327
31324	Knit fabric mills .....	1	11	9	g	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	-	6	6	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	1	8	6	1 322	36 304	1 070	2 191	26 275	77 246	226 232	306 240	2 545
31331	Textile and fabric finishing mills .....	1	8	6	1 322	36 304	1 070	2 191	26 275	77 246	226 232	306 240	2 545
313311	Broadwoven fabric finishing mills .....	2	5	4	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	10	6	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	3	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	3	2	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	41	27	2 883	66 008	2 443	4 808	49 348	156 639	123 555	277 826	6 412
3151	Apparel knitting mills .....	-	34	26	h	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	-	33	25	2 794	64 107	2 367	4 651	48 002	154 467	119 860	271 982	6 376
315111	Sheer hosiery mills .....	-	10	7	811	16 784	696	1 300	11 843	22 100	42 906	66 097	1 317
315119	Other hosiery and sock mills ..	-	23	18	1 983	47 323	1 671	3 351	36 159	132 367	76 954	205 885	5 059
322	Paper manufacturing .....	-	4	4	604	21 195	425	786	14 692	36 075	63 504	98 688	1 688
3222	Converted paper product manufacturing .....	-	4	4	604	21 195	425	786	14 692	36 075	63 504	98 688	1 688
326	Plastics and rubber products manufacturing .....	-	15	9	1 108	32 852	863	1 717	22 187	112 993	58 081	172 678	16 544
3261	Plastics product manufacturing ..	-	11	6	810	22 426	610	1 164	14 188	67 070	36 170	103 428	15 541
32619	Other plastics product manufacturing .....	-	6	4	629	16 916	448	858	9 736	51 286	22 630	74 376	D
326199	All other plastics product manufacturing .....	-	6	4	629	16 916	448	858	9 736	51 286	22 630	74 376	D
332	Fabricated metal product manufacturing .....	-	30	9	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	8	6	f	D	D	D	D	D	D	D	6 153
334	Computer and electronic product manufacturing .....	1	7	4	660	26 154	350	767	9 410	56 350	26 678	79 684	2 422
335	Electrical equipment, appliance, and component manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	3	2	g	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 .....	8	4	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>ALEXANDER</b>													
31-33	Manufacturing .....	2	91	39	4 492	121 479	3 586	6 546	85 462	298 373	283 599	580 115	7 449
337	Furniture and related product manufacturing .....	1	32	20	2 827	78 307	2 189	4 041	53 600	174 896	157 343	329 865	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	20	12	2 498	69 840	1 962	3 580	48 188	160 735	147 792	306 179	D
33712	Household and institutional furniture manufacturing .....	1	19	12	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	1	18	12	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>ALLEGHANY</b>													
31-33	Manufacturing .....	6	20	8	1 156	29 034	951	1 882	21 218	112 051	149 438	262 039	1 542
<b>ANSON</b>													
31-33	Manufacturing .....	—	32	12	1 947	55 049	1 545	3 157	35 306	122 924	132 650	260 403	8 212
313	Textile mills .....	—	4	3	g	D	D	D	D	D	D	D	3 910
3132	Fabric mills .....	—	3	3	g	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>ASHE</b>													
31-33	Manufacturing .....	1	32	9	1 177	38 619	820	1 421	18 567	103 142	136 760	237 708	14 565
<b>BEAUFORT</b>													
31-33	Manufacturing .....	—	62	17	3 598	124 306	2 800	5 763	86 426	356 424	456 725	823 019	58 749
313	Textile mills .....	—	2	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	—	1	1	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	8	4	1 103	36 318	854	1 768	23 499	80 452	104 647	184 750	5 465
<b>BERTIE</b>													
31-33	Manufacturing .....	—	18	7	2 227	47 762	2 045	4 492	41 377	172 147	164 963	340 776	3 344
311	Food manufacturing .....	—	5	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	g	D	D	D	D	D	D	D	D
<b>BLADEN</b>													
31-33	Manufacturing .....	—	35	17	6 217	152 907	5 583	11 914	123 073	341 603	836 596	1 170 200	10 930
311	Food manufacturing .....	—	7	4	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	4	1	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	4	1	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	—	3	1	h	D	D	D	D	D	D	D	D
<b>BRUNSWICK</b>													
31-33	Manufacturing .....	4	68	24	1 851	66 824	1 446	3 052	47 680	263 125	383 326	653 606	20 589
325	Chemical manufacturing .....	7	4	3	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing .....	7	4	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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>BUNCOMBE</b>													
31-33	Manufacturing .....	1	329	119	14 874	499 939	10 685	21 107	292 970	1 385 763	1 665 639	3 046 041	85 072
313	Textile mills .....	1	13	7	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	7	6	g	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
314	Textile product mills .....	—	14	7	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	34	8	603	18 968	406	587	10 542	45 988	18 964	64 691	761
3231	Printing and related support activities .....	2	34	8	603	18 968	406	587	10 542	45 988	18 964	64 691	761
326	Plastics and rubber products manufacturing .....	1	18	13	1 645	44 856	1 281	2 508	31 260	117 497	134 488	252 694	8 991
3261	Plastics product manufacturing ..	1	17	12	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	3	10	7	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	4	9	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	52	17	1 155	36 026	836	1 534	23 680	99 507	44 523	139 066	2 253
333	Machinery manufacturing .....	—	37	18	2 149	82 213	1 381	2 783	45 101	306 875	250 648	560 939	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	5	5	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	5	5	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	5	3	653	31 013	431	1 014	16 544	85 579	65 427	156 712	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	5	3	653	31 013	431	1 014	16 544	85 579	65 427	156 712	D
334	Computer and electronic product manufacturing .....	1	16	9	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	5	3	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	—	2	2	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	2	2	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	11	7	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	9	7	1 867	66 848	1 368	2 856	38 737	276 172	190 797	463 757	5 753
33531	Electrical equipment manufacturing .....	—	9	7	1 867	66 848	1 368	2 856	38 737	276 172	190 797	463 757	5 753
335313	Switchgear and switchboard apparatus manufacturing ...	—	3	2	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	1	5	4	808	32 164	534	1 027	16 339	170 897	51 998	223 367	2 027
336	Transportation equipment manufacturing .....	—	8	4	730	27 590	574	1 073	18 614	S	405 490	404 661	D
339	Miscellaneous manufacturing .....	1	48	10	832	29 785	580	1 203	16 178	113 155	105 850	219 070	4 832
3391	Medical equipment and supplies manufacturing .....	1	21	6	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	1	21	6	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>BURKE</b>													
31-33	Manufacturing .....	1	160	68	13 154	383 383	9 894	19 700	245 188	1 142 298	1 125 590	2 260 930	91 226
311	Food manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	-	14	8	1 745	47 202	1 404	2 741	31 317	124 731	125 719	250 605	D
3132	Fabric mills .....	-	7	5	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	4	3	826	23 325	634	1 274	14 831	67 699	52 484	119 853	D
313210	Broadwoven fabric mills .....	-	4	3	826	23 325	634	1 274	14 831	67 699	52 484	119 853	D
315	Apparel manufacturing .....	-	25	11	1 356	30 938	838	1 433	11 611	68 890	44 455	114 075	4 180
3151	Apparel knitting mills .....	-	19	8	g	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	-	19	8	g	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	-	13	6	f	D	D	D	D	D	D	D	3 926
335	Electrical equipment, appliance, and component manufacturing .....	3	3	3	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	3	3	3	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	9	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
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 .....	-	29	16	2 566	70 393	2 107	4 041	51 202	181 475	125 362	295 337	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	26	15	2 527	69 695	2 078	3 973	50 800	180 316	124 499	293 324	D
33712	Household and institutional furniture manufacturing .....	-	26	15	2 527	69 695	2 078	3 973	50 800	180 316	124 499	293 324	D
337121	Upholstered household furniture manufacturing .....	-	12	7	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	13	8	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	6	7	3	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	6	5	3	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	6	5	3	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing .....	6	3	2	g	D	D	D	D	D	D	D	D
<b>CABARRUS</b>													
31-33	Manufacturing .....	-	166	54	10 702	434 889	7 956	15 694	275 273	9 915 722	1 748 739	11 669 652	66 083
311	Food manufacturing .....	9	7	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	-	3	2	h	D	D	D	D	D	D	D	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
313	Textile mills .....	9	6	4	h	D	D	D	D	D	D	D	D
3132	Fabric mills .....	9	3	2	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	9	1	1	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	9	1	1	h	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	3	9	4	f	D	D	D	D	D	D	D	733
3151	Apparel knitting mills .....	4	7	3	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	7	5	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	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>CABARRUS—Con.</b>													
326	Plastics and rubber products manufacturing .....	—	8	6	980	18 806	785	874	11 074	46 427	36 135	82 486	2 177
3261	Plastics product manufacturing ..	—	5	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	—	5	5	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	7	4	756	33 351	480	1 119	14 088	136 336	63 692	210 668	D
3272	Glass and glass product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware 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
3359	Other electrical equipment and component manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
<b>CALDWELL</b>													
31-33	Manufacturing .....	2	155	75	14 128	379 433	12 094	24 071	284 581	884 591	837 599	1 720 950	28 911
315	Apparel manufacturing .....	—	10	5	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	3	32	18	1 062	27 985	901	1 791	20 785	59 711	54 549	114 961	3 018
3212	Veneer, plywood, and engineered wood product manufacturing .....	3	11	10	637	18 098	541	1 138	13 169	32 979	37 617	71 354	1 753
32121	Veneer, plywood, and engineered wood product manufacturing .....	3	11	10	637	18 098	541	1 138	13 169	32 979	37 617	71 354	1 753
321211	Hardwood veneer and plywood manufacturing .....	3	7	7	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	14	7	993	27 315	824	1 624	18 192	70 095	91 498	164 124	D
3261	Plastics product manufacturing ..	—	13	7	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	3	35	19	8 668	220 085	7 792	15 656	180 913	498 900	456 467	955 912	11 331
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	30	18	8 576	217 603	7 709	15 602	178 899	493 344	449 765	943 561	11 210
33712	Household and institutional furniture manufacturing .....	3	25	17	i	D	D	D	D	D	D	D	11 068
337121	Upholstered household furniture manufacturing .....	—	9	6	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	4	14	10	i	D	D	D	D	D	D	D	D
<b>CARTERET</b>													
31-33	Manufacturing .....	1	77	12	1 625	39 724	1 357	2 407	28 725	100 839	132 426	231 700	5 924
<b>CATAWBA</b>													
31-33	Manufacturing .....	1	530	265	36 044	1 014 123	29 362	53 530	696 824	2 752 999	2 694 503	5 462 046	109 276
311	Food manufacturing .....	—	7	4	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	1	35	28	2 582	69 136	2 159	4 102	50 068	162 050	214 333	383 244	D
3131	Fiber, yarn, and thread mills .....	1	12	12	921	24 137	788	1 484	17 751	62 806	73 808	134 779	D
31311	Fiber, yarn, and thread mills ..	1	12	12	921	24 137	788	1 484	17 751	62 806	73 808	134 779	D
313111	Yarn spinning mills .....	—	9	9	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	8	6	873	25 530	710	1 371	18 522	53 849	79 425	142 429	D
3133	Textile and fabric finishing and fabric coating mills .....	4	15	10	788	19 469	661	1 247	13 795	45 395	61 100	106 036	D
31331	Textile and fabric finishing mills .....	4	13	8	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>CATAWBA—Con.</b>													
314	Textile product mills .....	2	25	11	1 161	24 403	978	1 768	19 093	65 005	64 748	130 026	1 128
3141	Textile furnishings mills .....	3	12	6	773	15 776	648	1 145	12 728	46 774	45 612	92 747	D
31412	Curtain and linen mills .....	3	12	6	773	15 776	648	1 145	12 728	46 774	45 612	92 747	D
314129	Other household textile product mills .....	3	10	6	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	46	19	3 023	74 329	2 621	5 242	57 257	204 941	231 807	437 859	D
3151	Apparel knitting mills .....	—	41	17	h	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	37	14	g	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	—	30	13	g	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	4	3	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills .....	—	4	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	3	28	8	566	13 218	514	878	10 914	24 805	25 196	47 651	4 324
3219	Other wood product manufacturing .....	3	24	7	532	12 146	481	820	9 895	22 596	22 538	42 928	D
322	Paper manufacturing .....	—	12	9	1 209	38 794	975	1 873	25 519	116 235	140 568	255 365	14 280
3222	Converted paper product manufacturing .....	—	11	9	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	9	7	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	33	24	g	D	D	D	D	D	D	D	10 261
3261	Plastics product manufacturing .....	—	28	22	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing .....	—	13	12	1 184	28 333	920	1 555	17 962	122 194	136 409	259 442	2 946
326150	Urethane and other foam product (except polystyrene) manufacturing .....	—	13	12	1 184	28 333	920	1 555	17 962	122 194	136 409	259 442	2 946
32619	Other plastics product manufacturing .....	—	9	5	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	—	9	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	7	13	8	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	5	4	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	—	2	2	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	—	1	1	f	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing .....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	37	13	1 931	44 585	1 639	2 348	29 450	87 603	72 076	159 742	3 486
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
3326	Spring and wire product manufacturing .....	—	4	2	745	15 133	673	893	11 201	31 495	27 480	59 055	D
33261	Spring and wire product manufacturing .....	—	4	2	745	15 133	673	893	11 201	31 495	27 480	59 055	D
332612	Spring (light gauge) manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	11	6	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	—	7	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	9	7	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	1	6	5	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .....	1	6	5	g	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	1	3	3	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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>CATAWBA—Con.</b>													
337	Furniture and related product manufacturing .....	—	181	107	15 221	414 709	12 833	23 400	304 763	980 016	763 733	1 733 224	26 946
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	137	86	13 701	379 170	11 510	21 171	278 053	893 652	720 942	1 603 360	24 664
33712	Household and institutional furniture manufacturing .....	—	126	82	13 506	374 620	11 358	20 937	274 801	881 092	704 696	1 574 477	24 188
337121	Upholstered household furniture manufacturing .....	1	96	67	j	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	—	23	13	g	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	1	44	21	1 520	35 539	1 323	2 229	26 710	86 364	42 791	129 864	2 282
33721	Office furniture (including fixtures) manufacturing .....	1	44	21	1 520	35 539	1 323	2 229	26 710	86 364	42 791	129 864	2 282
337211	Wood office furniture manufacturing .....	—	6	5	f	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing .....	3	38	16	f	D	D	D	D	D	D	D	D
<b>CHATHAM</b>													
31-33	Manufacturing .....	2	81	33	6 297	166 028	5 524	10 418	131 044	388 053	624 846	1 014 180	15 791
311	Food manufacturing .....	—	9	7	2 368	46 741	2 177	3 816	40 205	43 077	288 250	331 022	D
3116	Animal slaughtering and processing .....	—	4	4	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	4	4	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	3	3	g	D	D	D	D	D	D	D	D
313	Textile mills .....	1	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
31321	Broadwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	3	17	8	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	7	5	2	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	7	2	2	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>CHEROKEE</b>													
31-33	Manufacturing .....	1	27	8	1 282	37 833	1 017	2 022	25 489	111 118	111 223	211 716	5 635
<b>CHOWAN</b>													
31-33	Manufacturing .....	4	18	10	1 027	31 002	811	1 753	21 448	75 293	79 294	153 931	3 146
<b>CLEVELAND</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
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
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
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	g	D	D	D	D	D	D	D	7 985
3339	Other general purpose machinery manufacturing .....	—	6	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>CLEVELAND—Con.</b>													
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
336	Transportation equipment manufacturing .....	—	7	4	1 102	46 708	856	2 446	29 627	220 572	151 296	364 198	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
339	Miscellaneous manufacturing .....	—	13	3	547	16 448	444	884	10 603	48 967	11 996	61 560	337
<b>COLUMBUS</b>													
31-33	Manufacturing .....	4	43	22	3 067	118 931	2 317	4 853	80 584	398 770	422 412	821 235	22 000
321	Wood product manufacturing .....	—	9	5	750	27 505	665	1 521	23 367	54 746	120 555	174 486	1 756
322	Paper manufacturing .....	9	3	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	9	2	1	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	9	2	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	9	2	1	f	D	D	D	D	D	D	D	D
<b>CRAVEN</b>													
31-33	Manufacturing .....	—	76	20	4 361	156 874	3 549	7 072	110 228	544 454	628 249	1 173 287	60 121
332	Fabricated metal product manufacturing .....	—	13	2	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	4	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	—	2	1	f	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	—	2	1	f	D	D	D	D	D	D	D	D
336612	Boat building .....	—	2	1	f	D	D	D	D	D	D	D	D
<b>CUMBERLAND</b>													
31-33	Manufacturing .....	—	117	46	j	D	D	D	D	D	D	D	82 266
315	Apparel manufacturing .....	2	6	3	2 024	32 561	1 460	2 787	25 801	72 970	58 120	125 360	D
3152	Cut and sew apparel manufacturing .....	3	5	3	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
315228	Men's and boys' cut and sew other outerwear manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	2	2	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	1	1	h	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	—	1	1	h	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	—	1	1	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CUMBERLAND—Con.</b>													
333	Machinery manufacturing .....	—	4	1	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	1	1	g	D	D	D	D	D	D	D	D
333991	Power-driven handtool manufacturing .....	—	1	1	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
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 .....	—	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
33639	Other motor vehicle parts manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
<b>DARE</b>													
31-33	Manufacturing .....	6	41	6	577	18 138	473	947	13 404	45 773	40 099	86 014	2 012
<b>DAVIDSON</b>													
31-33	Manufacturing .....	2	319	118	j	D	D	D	D	D	D	D	123 685
313	Textile mills .....	—	7	5	642	22 613	554	1 101	17 043	67 371	160 658	227 257	D
315	Apparel manufacturing .....	1	16	10	535	9 749	446	759	6 288	21 484	22 055	43 604	D
321	Wood product manufacturing .....	3	48	21	1 373	37 007	1 149	2 217	26 031	90 029	114 140	205 562	4 823
3219	Other wood product manufacturing .....	4	25	11	816	21 090	684	1 303	15 361	63 912	71 384	135 255	1 857
32191	Millwork .....	4	17	7	622	15 758	540	1 044	12 277	53 832	62 071	115 753	1 415
326	Plastics and rubber products manufacturing .....	4	19	10	1 257	37 846	970	2 017	24 717	112 945	92 577	204 002	14 349
3261	Plastics product manufacturing ..	4	16	9	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	7	8	4	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	6	7	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	16	6	1 438	56 940	1 204	2 248	41 211	150 519	89 281	240 470	7 020
3272	Glass and glass product manufacturing .....	—	4	4	1 196	48 574	1 007	1 843	34 906	129 474	78 912	209 335	6 118
32721	Glass and glass product manufacturing .....	—	4	4	1 196	48 574	1 007	1 843	34 906	129 474	78 912	209 335	6 118
327212	Other pressed and blown glass and glassware manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	42	12	1 102	35 452	881	1 636	23 931	101 970	64 657	165 870	3 541
333	Machinery manufacturing .....	—	18	7	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	4	3	802	24 883	584	1 082	12 577	54 298	72 435	127 103	D
337	Furniture and related product manufacturing .....	3	73	25	8 029	203 992	6 950	12 699	152 871	419 772	290 713	710 849	9 031
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	47	16	7 080	180 313	6 153	11 356	137 842	371 522	233 833	605 312	7 124
33712	Household and institutional furniture manufacturing .....	3	41	16	7 024	178 698	6 107	11 269	136 747	368 402	231 711	600 125	7 041
337121	Upholstered household furniture manufacturing ....	2	16	5	603	14 708	497	946	11 419	24 845	17 573	43 070	D
337122	Nonupholstered wood household furniture manufacturing .....	3	21	9	6 325	161 755	5 536	10 168	124 009	340 520	212 390	552 179	6 713
3379	Other furniture related product manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	479
33791	Mattress manufacturing .....	—	4	3	579	13 966	521	992	10 842	30 475	41 711	72 309	D
337910	Mattress manufacturing .....	—	4	3	579	13 966	521	992	10 842	30 475	41 711	72 309	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>DAVIE</b>													
31-33	Manufacturing .....	1	52	23	3 374	99 127	2 469	4 707	61 496	249 837	248 874	504 720	9 640
321	Wood product manufacturing .....	2	10	6	f	D	D	D	D	D	D	D	685
333	Machinery manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	4	6	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	4	4	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	6	2	2	f	D	D	D	D	D	D	D	D
<b>DUPLIN</b>													
31-33	Manufacturing .....	2	40	13	3 386	79 288	2 808	5 662	55 113	257 534	291 855	552 711	7 807
311	Food manufacturing .....	-	9	5	g	D	D	D	D	D	D	D	4 888
3116	Animal slaughtering and processing .....	-	5	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	5	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	2	2	g	D	D	D	D	D	D	D	D
313	Textile mills .....	6	5	5	1 246	29 379	1 019	1 845	19 388	61 833	87 416	158 235	2 344
3133	Textile and fabric finishing and fabric coating mills .....	8	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	8	2	2	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>DURHAM</b>													
31-33	Manufacturing .....	1	181	53	23 482	1 231 603	7 360	15 170	269 502	2 442 681	1 744 816	4 187 749	315 064
313	Textile mills .....	-	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	2	2	f	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	-	2	2	f	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	-	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	5	2	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	3	1	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	3	1	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	2	1	g	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	39	8	1 230	47 661	970	1 996	35 261	148 707	146 201	293 817	D
3231	Printing and related support activities .....	-	39	8	1 230	47 661	970	1 996	35 261	148 707	146 201	293 817	D
32311	Printing .....	-	34	8	1 194	46 475	942	1 963	34 512	146 793	145 509	291 196	D
323110	Commercial lithographic printing .....	-	14	6	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	16	7	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	1	6	5	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	1	6	5	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	2	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	8	7	3	531	17 122	443	888	13 305	40 567	50 577	91 571	3 044
333	Machinery manufacturing .....	6	10	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>DURHAM—Con.</b>													
334	Computer and electronic product manufacturing .....	1	18	9	j	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	1	4	2	j	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	1	4	2	j	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	1	2	2	j	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	5	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	5	4	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	1	3	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	1	26	3	f	D	D	D	D	D	D	D	4 227
<b>EDGECOMBE</b>													
31-33	Manufacturing .....	—	57	35	10 667	345 242	8 287	17 594	248 771	1 633 173	1 445 911	3 076 542	65 272
311	Food manufacturing .....	—	4	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	—	4	2	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	—	4	2	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	—	1	1	g	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	4	7	6	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	7	5	4	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	8	3	3	640	14 939	587	1 192	11 679	33 420	31 799	65 317	1 699
325	Chemical manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	2	5	4	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	2	5	4	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	3	3	533	20 064	420	814	14 731	44 659	73 678	124 208	D
33592	Communication and energy wire and cable manufacturing ..	—	3	3	533	20 064	420	814	14 731	44 659	73 678	124 208	D
335929	Other communication and energy wire manufacturing ..	—	3	3	533	20 064	420	814	14 731	44 659	73 678	124 208	D
336	Transportation equipment manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	6	3	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FORSYTH</b>													
31-33	Manufacturing .....	—	'383	'134	'23 565	'882 037	'17 573	'33 469	'567 333	'7 970 784	'3 156 347	'11 087 436	'134 659
311	Food manufacturing .....	—	24	11	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	1	18	7	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	—	7	5	h	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	3	3	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	—	3	3	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing .....	—	2	2	h	D	D	D	D	D	D	D	D
313	Textile mills .....	—	15	8	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	7	4	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	—	8	4	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	—	7	3	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	—	4	2	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	3	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	5	14	7	g	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	4	3	g	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	2	2	f	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	2	2	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	2	1	f	D	D	D	D	D	D	D	D
315192	Underwear and nightwear knitting mills .....	—	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	7	8	4	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	'17	'12	h	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	'17	'12	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	'11	'8	'1 889	'61 666	'1 315	'2 534	'40 544	'213 050	'172 345	'385 277	D
322211	Corrugated and solid fiber box manufacturing .....	—	7	4	1 370	42 986	906	1 759	27 681	177 607	120 915	298 801	D
32222	Paper bag and coated and treated paper manufacturing ..	—	3	1	g	D	D	D	D	D	D	D	D
322225	Laminated aluminum foil manufacturing for flexible packaging uses .....	—	1	1	g	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	'54	'12	f	D	D	D	D	D	D	D	'4 057
3231	Printing and related support activities .....	1	'54	'12	f	D	D	D	D	D	D	D	'4 057
32311	Printing .....	1	'48	'10	f	D	D	D	D	D	D	D	'3 743
325	Chemical manufacturing .....	3	17	8	750	31 826	369	772	11 077	112 935	96 802	213 675	5 062
332	Fabricated metal product manufacturing .....	1	57	18	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	1	17	4	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing .....	—	6	4	723	23 392	553	1 183	14 188	75 888	43 184	118 253	1 618
33251	Hardware manufacturing .....	—	6	4	723	23 392	553	1 183	14 188	75 888	43 184	118 253	1 618
332510	Hardware manufacturing .....	—	6	4	723	23 392	553	1 183	14 188	75 888	43 184	118 253	1 618
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	4	19	4	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	27	9	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	8	4	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment 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>FORSYTH—Con.</b>													
334	Computer and electronic product manufacturing .....	-	14	6	g	D	D	D	D	D	D	D	
3344	Semiconductor and other electronic component manufacturing .....	-	7	3	f	D	D	D	D	D	D	D	
33441	Semiconductor and other electronic component manufacturing .....	-	7	3	f	D	D	D	D	D	D	D	
334417	Electronic connector manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	
335	Electrical equipment, appliance, and component manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	
3359	Other electrical equipment and component manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	
33591	Battery manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	
335911	Storage battery manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing .....	-	16	7	g	D	D	D	D	D	D	D	
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	11	6	f	D	D	D	D	D	D	D	
33712	Household and institutional furniture manufacturing .....	-	8	4	f	D	D	D	D	D	D	D	
337122	Nonupholstered wood household furniture manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	
339	Miscellaneous manufacturing .....	'2	'50	'7	g	D	D	D	D	D	D	D	
3391	Medical equipment and supplies manufacturing .....	-	25	3	f	D	D	D	D	D	D	D	
33911	Medical equipment and supplies manufacturing .....	-	25	3	f	D	D	D	D	D	D	D	
339112	Surgical and medical instrument manufacturing ..	-	4	2	f	D	D	D	D	D	D	D	
<b>FRANKLIN</b>													
31-33	Manufacturing .....	-	63	20	2 340	83 800	1 686	3 147	45 232	300 323	232 268	534 801	11 517
<b>GASTON</b>													
31-33	Manufacturing .....	1	392	133	17 874	551 089	14 273	28 287	397 708	1 528 182	2 192 376	3 724 134	134 987
313	Textile mills .....	-	59	43	5 819	152 898	5 126	10 986	119 346	341 837	595 621	937 799	30 972
3131	Fiber, yarn, and thread mills .....	-	33	29	h	D	D	D	D	D	D	D	15 573
31311	Fiber, yarn, and thread mills ..	-	33	29	h	D	D	D	D	D	D	D	15 573
313111	Yarn spinning mills .....	-	25	24	h	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	13	8	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	13	6	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	13	6	g	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	-	9	5	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	3	15	8	981	46 900	713	1 446	28 877	235 156	209 589	441 332	31 696
326	Plastics and rubber products manufacturing .....	-	23	11	713	21 986	547	1 299	13 735	60 846	55 368	114 403	4 855
3261	Plastics product manufacturing ..	-	18	10	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	114	22	1 642	53 165	1 241	2 386	33 900	101 911	82 724	185 745	11 417
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	76	8	f	D	D	D	D	D	D	D	D
33271	Machine shops .....	2	72	7	717	21 045	593	1 064	14 686	40 445	20 020	60 879	9 578
332710	Machine shops .....	2	72	7	717	21 045	593	1 064	14 686	40 445	20 020	60 879	9 578

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>GASTON—Con.</b>													
333	Machinery manufacturing .....	—	55	14	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	2	37	10	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	2	36	10	f	D	D	D	D	D	D	D	D
333292	Textile machinery manufacturing .....	1	30	8	532	16 923	311	666	8 290	30 059	26 364	59 109	D
3335	Metalworking machinery manufacturing .....	—	9	2	f	D	D	D	D	D	D	D	1 074
33351	Metalworking machinery manufacturing .....	—	9	2	f	D	D	D	D	D	D	D	1 074
336	Transportation equipment manufacturing .....	—	11	7	4 561	150 622	3 599	6 184	123 615	437 421	783 636	1 211 151	45 869
3361	Motor vehicle manufacturing .....	—	3	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 .....	—	8	6	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	—	6	5	h	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	—	6	5	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	7	16	5	f	D	D	D	D	D	D	D	D
<b>GRAHAM</b>													
31-33	Manufacturing .....	—	6	2	f	D	D	D	D	D	D	D	287
337	Furniture and related product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>GRANVILLE</b>													
31-33	Manufacturing .....	5	50	28	6 297	224 943	4 658	8 962	129 209	1 480 454	811 143	2 295 599	52 477
313	Textile mills .....	—	5	4	666	20 569	559	1 108	15 113	45 665	56 131	100 606	6 901
325	Chemical manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	6	5	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	10	5	578	19 513	362	739	10 879	30 622	32 183	64 635	5 405
334	Computer and electronic product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus 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>GUILFORD</b>													
31-33	Manufacturing .....	-	805	351	42 727	1 538 134	31 461	60 142	949 780	6 720 318	4 947 651	11 648 283	403 935
311	Food manufacturing .....	1	36	15	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	7	4	570	15 831	263	516	5 899	102 533	113 353	218 200	1 668
31161	Animal slaughtering and processing .....	-	7	4	570	15 831	263	516	5 899	102 533	113 353	218 200	1 668
312	Beverage and tobacco product manufacturing .....	-	4	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills .....	2	38	22	3 841	108 350	3 276	6 413	79 993	242 248	480 440	708 636	15 584
3132	Fabric mills .....	4	20	13	2 803	73 451	2 443	4 665	55 263	166 609	218 595	381 821	D
31321	Broadwoven fabric mills .....	7	7	3	1 465	38 936	1 320	2 543	32 664	84 521	77 440	160 188	D
313210	Broadwoven fabric mills .....	7	7	3	1 465	38 936	1 320	2 543	32 664	84 521	77 440	160 188	D
31324	Knit fabric mills .....	2	8	5	g	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	-	3	2	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	5	5	3	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	15	6	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	1	14	5	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	12	4	523	17 507	420	902	11 552	34 791	98 093	132 958	D
314	Textile product mills .....	5	38	16	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	6	23	11	f	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	7	19	9	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	7	18	9	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	4	25	11	g	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	5	5	4	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	5	5	4	f	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills ..	5	5	4	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	29	17	1 496	47 224	1 202	2 428	31 030	157 986	157 324	303 306	11 767
3219	Other wood product manufacturing .....	-	19	9	1 055	34 351	841	1 675	22 122	131 582	122 389	242 245	D
32191	Millwork .....	-	7	4	763	26 651	600	1 209	16 601	116 052	115 694	219 941	D
321918	Other millwork (including flooring) .....	-	6	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	3	28	17	1 241	47 092	911	1 952	26 703	95 748	157 891	251 630	8 780
3222	Converted paper product manufacturing .....	3	28	17	1 241	47 092	911	1 952	26 703	95 748	157 891	251 630	8 780
32221	Paperboard container manufacturing .....	2	12	8	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	115	39	3 238	112 984	2 375	4 615	69 935	279 121	146 445	428 738	17 883
3231	Printing and related support activities .....	-	115	39	3 238	112 984	2 375	4 615	69 935	279 121	146 445	428 738	17 883
32311	Printing .....	-	96	25	2 590	93 653	1 845	3 585	56 606	245 451	139 834	388 459	D
323110	Commercial lithographic printing .....	-	48	15	1 744	65 678	1 247	2 441	39 788	143 795	99 587	246 155	13 330
32312	Support activities for printing ...	-	19	14	648	19 331	530	1 030	13 329	33 670	6 611	40 279	D
325	Chemical manufacturing .....	-	48	26	5 336	231 722	3 349	6 294	120 125	2 467 619	1 111 982	3 582 354	58 801
3254	Pharmaceutical and medicine manufacturing .....	-	5	3	1 220	46 508	937	1 855	31 371	426 190	153 016	566 853	15 773
32541	Pharmaceutical and medicine manufacturing .....	-	5	3	1 220	46 508	937	1 855	31 371	426 190	153 016	566 853	15 773
325412	Pharmaceutical preparation manufacturing .....	-	4	2	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	-	11	9	1 047	43 407	594	1 110	18 912	137 221	165 890	303 367	D
32551	Paint and coating manufacturing .....	-	8	7	971	40 174	539	1 007	16 923	130 722	162 469	293 376	D
325510	Paint and coating manufacturing .....	-	8	7	971	40 174	539	1 007	16 923	130 722	162 469	293 376	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>GUILFORD—Con.</b>													
325	Chemical manufacturing—Con.												
3256	Soap, cleaning compound, and toilet preparation manufacturing .	—	8	5	g	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing . . . . .	—	7	4	f	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing . . . . .	—	2	2	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing . . . . .	—	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing . . . . .	—	1	1	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing . . . . .	—	12	5	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing . . .	—	9	5	g	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	4	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing . . . . .	—	45	28	2 279	76 159	1 756	3 576	49 550	230 535	208 831	437 245	40 811
3261	Plastics product manufacturing . .	—	42	26	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	16	12	f	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	16	12	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing . . . . .	—	14	7	f	D	D	D	D	D	D	D	19 400
326199	All other plastics product manufacturing . . . . .	—	13	7	f	D	D	D	D	D	D	D	19 400
327	Nonmetallic mineral product manufacturing . . . . .	2	26	13	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing . . . . .	1	'101	'36	'2 674	'87 746	'2 143	'4 212	'59 174	'221 114	'155 379	'369 062	'6 820
3323	Architectural and structural metals manufacturing . . . . .	—	20	9	674	22 732	540	1 131	14 898	61 247	45 840	100 493	1 246
333	Machinery manufacturing . . . . .	—	51	13	2 126	101 334	1 038	2 031	36 726	204 347	243 220	454 640	D
3339	Other general purpose machinery manufacturing . . . . .	—	9	6	g	D	D	D	D	D	D	D	6 857
33391	Pump and compressor manufacturing . . . . .	—	2	2	g	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing . . . . .	—	1	1	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing . . . . .	—	19	10	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing . . . . .	—	7	6	2 728	144 408	2 221	4 392	112 080	511 217	335 398	839 341	D
33441	Semiconductor and other electronic component manufacturing . . . . .	—	7	6	2 728	144 408	2 221	4 392	112 080	511 217	335 398	839 341	D
334413	Semiconductor and related device manufacturing . . . . .	—	2	2	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing . . . . .	—	3	3	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing . . . . .	—	15	5	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing . . . . .	—	4	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing . . . . .	—	8	7	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing . . . . .	—	4	3	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing . . . . .	—	4	3	g	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing . . . . .	—	4	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing . . . . .	—	3	3	f	D	D	D	D	D	D	D	D

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>GUILFORD—Con.</b>													
337	Furniture and related product manufacturing .....	3	'118	'55	'6 431	'171 447	'4 962	'8 909	'109 952	'377 123	'303 190	'680 757	'10 190
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	75	29	h	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ....	9	13	2	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	9	13	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	1	62	27	2 647	72 971	2 072	3 644	48 103	150 435	131 656	278 659	4 714
337121	Upholstered household furniture manufacturing ....	—	39	20	g	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	2	'37	'23	h	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	2	'37	'23	h	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing .....	2	10	9	1 740	40 615	1 236	2 113	22 464	117 616	72 795	193 668	D
337215	Showcase, partition, shelving, and locker manufacturing .....	2	'18	'11	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	51	16	1 662	57 777	1 127	1 958	26 524	120 734	124 331	245 595	5 216
3391	Medical equipment and supplies manufacturing .....	—	21	3	f	D	D	D	D	D	D	D	210
33911	Medical equipment and supplies manufacturing .....	—	21	3	f	D	D	D	D	D	D	D	210
3399	Other miscellaneous manufacturing .....	1	30	13	g	D	D	D	D	D	D	D	5 006
33999	All other miscellaneous manufacturing .....	—	12	7	f	D	D	D	D	D	D	D	4 034
339999	All other miscellaneous manufacturing .....	—	11	6	f	D	D	D	D	D	D	D	D
<b>HALIFAX</b>													
31-33	Manufacturing .....	7	45	16	2 483	89 323	2 007	3 844	64 576	340 882	318 334	658 532	30 118
322	Paper manufacturing .....	9	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
<b>HARNETT</b>													
31-33	Manufacturing .....	1	64	19	2 546	73 832	1 991	3 901	47 118	155 330	159 989	316 493	8 171
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
33599	All other electrical equipment and component manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>HAYWOOD</b>													
31-33	Manufacturing .....	—	52	11	1 907	81 473	1 523	3 557	60 966	279 261	371 172	628 140	D
322	Paper manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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		E <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>HENDERSON</b>													
31-33	Manufacturing .....	-	128	37	7 137	286 623	5 586	11 883	205 044	781 141	996 858	1 790 536	63 408
313	Textile mills .....	-	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	2	8	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	6	2	f	D	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	23	6	567	23 044	401	905	14 583	50 019	45 039	97 906	3 374
335	Electrical equipment, appliance, and component manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	7	3	1 805	79 485	1 460	3 333	57 358	225 074	515 054	744 546	D
3363	Motor vehicle parts manufacturing .....	-	6	3	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
337	Furniture and related product manufacturing .....	-	11	2	564	23 305	453	906	16 913	40 673	20 912	61 992	D
3372	Office furniture (including fixtures) manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>HERTFORD</b>													
31-33	Manufacturing .....	1	25	10	1 113	46 628	859	1 886	33 690	149 008	304 103	452 727	11 866
<b>HOKE</b>													
31-33	Manufacturing .....	2	12	6	h	D	D	D	D	D	D	D	20 071
311	Food manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	9	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	9	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	9	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills .....	-	2	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	1	1	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>IREDELL</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	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
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
321	Wood product manufacturing .....	2	18	7	507	14 413	368	690	8 679	44 319	32 358	77 607	2 250
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
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
327	Nonmetallic mineral product manufacturing .....	1	18	8	868	29 220	721	1 484	20 659	120 227	65 426	186 594	9 478
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
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
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
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
339	Miscellaneous manufacturing .....	3	21	5	g	D	D	D	D	D	D	D	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
<b>JACKSON</b>													
31-33	Manufacturing .....	-	25	6	540	17 087	441	925	12 172	56 378	38 252	95 115	2 902

See footnotes at end of table.

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

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<b>JOHNSTON</b>													
31-33	Manufacturing .....	-	117	41	6 219	243 504	4 061	8 341	128 532	859 371	1 308 622	2 122 794	68 558
325	Chemical manufacturing .....	2	6	3	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	2	4	3	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	2	4	3	g	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	13	7	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
333411	Air purification equipment manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
<b>LEE</b>													
31-33	Manufacturing .....	-	98	51	8 990	303 147	6 539	13 238	171 236	1 081 237	1 234 394	2 324 347	164 317
311	Food manufacturing .....	-	3	2	1 484	36 366	1 323	2 635	28 365	53 898	121 423	175 985	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
313	Textile mills .....	-	8	7	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	7	6	f	D	D	D	D	D	D	D	3 753
31311	Fiber, yarn, and thread mills ..	-	7	6	f	D	D	D	D	D	D	D	3 753
313111	Yarn spinning mills .....	-	6	5	816	23 160	716	1 481	17 262	43 389	189 932	238 001	3 753
325	Chemical manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	4	4	g	D	D	D	D	D	D	D	6 357
3261	Plastics product manufacturing ..	-	4	4	g	D	D	D	D	D	D	D	6 357
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	16	7	1 084	42 501	813	1 759	28 650	88 714	147 120	243 856	D
3329	Other fabricated metal product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
332998	Enameled iron and metal sanitary ware manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	15	8	1 329	50 473	867	1 600	23 861	92 661	276 638	368 169	4 650

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>LEE—Con.</b>													
336	Transportation equipment manufacturing .....	—	4	3	1 118	41 717	775	1 502	21 798	125 036	84 292	208 967	D
3363	Motor vehicle parts manufacturing .....	—	4	3	1 118	41 717	775	1 502	21 798	125 036	84 292	208 967	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	1	f	D	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	1	f	D	D	D	D	D	D	D	D	D
<b>LENOIR</b>													
31-33	Manufacturing .....	—	65	24	4 916	145 607	4 138	8 222	107 102	470 116	539 038	1 008 196	33 629
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
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
326	Plastics and rubber products manufacturing .....	—	4	3	691	19 564	621	1 309	15 872	57 930	57 774	114 834	D
335	Electrical equipment, appliance, and component manufacturing .....	—	4	3	860	25 108	705	1 322	16 268	97 672	121 538	219 685	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>LINCOLN</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
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
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
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
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
<b>MCDOWELL</b>													
31-33	Manufacturing .....	1	60	29	7 661	204 073	6 093	9 219	148 109	531 220	532 929	1 052 950	20 364
313	Textile mills .....	—	5	5	1 507	36 202	1 359	2 480	30 419	84 935	169 074	255 773	1 305
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
313113	Thread mills .....	—	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	2	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	—	1	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>MCDOWELL—Con.</b>													
321	Wood product manufacturing .....	-	11	6	918	25 112	811	1 695	21 475	71 565	112 164	182 921	1 703
3212	Veneer, plywood, and engineered wood product manufacturing.....	-	2	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>MACON</b>													
31-33	Manufacturing .....	-	37	7	951	27 137	744	1 555	18 477	75 781	80 396	156 442	4 114
<b>MADISON</b>													
31-33	Manufacturing .....	-	19	4	797	22 114	535	906	11 754	51 805	28 672	80 303	D
335	Electrical equipment, appliance, and component manufacturing.....	-	2	2	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing.....	-	2	2	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing...	-	2	2	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>MARTIN</b>													
31-33	Manufacturing .....	-	20	7	1 464	39 410	1 267	2 795	29 646	132 612	95 643	224 182	31 726
311	Food manufacturing .....	-	7	2	595	14 360	516	1 201	10 505	59 330	20 322	79 362	D
3116	Animal slaughtering and processing .....	-	5	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	5	2	f	D	D	D	D	D	D	D	D
313	Textile mills .....	-	3	3	f	D	D	D	D	D	D	D	D
<b>MECKLENBURG</b>													
31-33	Manufacturing .....	1	939	302	38 490	1 475 941	23 993	47 599	772 282	4 226 071	4 157 595	8 389 564	277 079
311	Food manufacturing .....	-	44	16	7 195	254 938	2 845	5 220	88 164	747 362	474 650	1 212 999	42 270
3118	Bakeries and tortilla manufacturing .....	-	26	9	i	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	22	6	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	8	5	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 .....	-	8	4	f	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
312	Beverage and tobacco product manufacturing .....	1	6	3	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	1	6	3	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	1	6	3	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing ....	1	4	3	f	D	D	D	D	D	D	D	D
313	Textile mills .....	2	30	9	f	D	D	D	D	D	D	D	2 109
315	Apparel manufacturing.....	2	7	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>MECKLENBURG—Con.</b>													
322	Paper manufacturing .....	1	27	17	2 207	77 742	1 740	3 591	50 753	176 950	185 568	359 852	10 644
3222	Converted paper product manufacturing .....	1	26	16	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	1	15	11	g	D	D	D	D	D	D	D	D
322213	Setup paperboard box manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	169	33	2 839	102 864	2 076	4 117	66 683	263 375	169 908	429 709	20 713
3231	Printing and related support activities .....	1	169	33	2 839	102 864	2 076	4 117	66 683	263 375	169 908	429 709	20 713
32311	Printing .....	1	148	30	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	1	59	14	g	D	D	D	D	D	D	D	9 816
325	Chemical manufacturing .....	—	66	29	2 394	120 504	1 341	2 780	56 326	422 259	539 301	976 048	32 041
3251	Basic chemical manufacturing ...	—	13	9	787	45 460	433	895	23 346	198 504	289 699	508 115	14 022
3259	Other chemical product and preparation manufacturing .....	1	25	11	658	28 361	410	859	15 043	82 976	123 601	206 960	2 459
326	Plastics and rubber products manufacturing .....	2	50	27	4 511	176 400	3 340	6 791	110 469	572 928	471 763	1 000 213	46 547
3261	Plastics product manufacturing ..	1	40	23	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	1	9	5	591	24 221	444	991	14 869	68 771	99 239	167 262	D
32619	Other plastics product manufacturing .....	3	22	11	1 118	36 982	803	1 656	20 903	96 379	95 156	188 142	10 758
326199	All other plastics product manufacturing .....	3	21	10	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	2	10	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	—	5	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	—	1	1	g	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing .....	9	4	2	f	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	9	4	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	31	10	797	30 921	650	1 496	23 326	66 549	74 187	140 662	2 825
3273	Cement and concrete product manufacturing .....	—	15	9	660	26 280	541	1 259	19 991	55 831	60 681	116 594	2 422
331	Primary metal manufacturing .....	—	9	4	f	D	D	D	D	D	D	D	D
3315	Foundries .....	—	5	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	—	2	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries .....	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	137	38	3 340	119 616	2 394	4 756	77 450	264 868	201 796	469 527	16 853
3323	Architectural and structural metals manufacturing .....	—	36	12	1 024	40 009	683	1 384	22 307	96 412	101 216	197 517	10 590
33232	Ornamental and architectural metal products manufacturing .....	1	27	7	618	23 468	390	801	12 046	55 482	38 517	94 514	D
3329	Other fabricated metal product manufacturing .....	1	19	5	662	20 474	421	844	14 100	49 351	28 027	80 774	1 526
333	Machinery manufacturing .....	1	93	39	3 883	194 001	2 303	4 429	93 945	487 795	557 846	1 056 879	50 423
3332	Industrial machinery manufacturing .....	1	26	11	764	34 472	422	854	14 423	102 972	60 176	164 038	D
33329	Other industrial machinery manufacturing .....	1	24	11	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	8	5	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	8	5	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
3339	Other general purpose machinery manufacturing .....	—	29	10	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing .....	—	17	8	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	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>MECKLENBURG—Con.</b>													
334	Computer and electronic product manufacturing .....	—	35	12	h	D	D	D	D	D	D	D	D
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 .....	—	15	5	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	15	5	h	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	25	12	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	56	7	f	D	D	D	D	D	D	D	605
339	Miscellaneous manufacturing .....	3	95	24	1 802	63 963	1 179	2 402	34 130	146 507	144 925	301 847	6 681
3391	Medical equipment and supplies manufacturing .....	7	40	7	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	7	40	7	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	55	17	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	18	10	f	D	D	D	D	D	D	D	2 214
<b>MITCHELL</b>													
31-33	Manufacturing .....	—	33	8	1 297	31 877	1 145	1 987	25 837	75 170	57 949	132 677	4 860
337	Furniture and related product manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	6	3	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
337122	Nonupholstered wood household furniture manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
<b>MONTGOMERY</b>													
31-33	Manufacturing .....	—	72	39	4 739	128 005	3 954	7 746	93 021	310 041	290 853	599 183	20 882
313	Textile mills .....	—	7	6	588	13 484	535	974	11 118	40 177	21 885	63 053	306
315	Apparel manufacturing .....	—	16	7	1 420	31 482	1 318	2 782	27 150	93 861	49 977	143 279	D
3151	Apparel knitting mills .....	—	11	6	g	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	11	6	g	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills ..	—	11	6	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	12	9	964	30 973	713	1 367	19 880	66 065	105 281	170 807	13 969
337	Furniture and related product manufacturing .....	6	14	7	594	15 224	494	983	10 730	29 706	33 991	63 851	D
<b>MOORE</b>													
31-33	Manufacturing .....	1	89	27	2 929	79 951	2 273	4 579	52 205	251 045	392 355	649 018	8 623
313	Textile mills .....	4	10	5	511	15 317	441	959	11 455	37 511	55 444	92 610	4 213
<b>NASH</b>													
31-33	Manufacturing .....	1	94	37	3 269	94 144	2 447	4 510	57 073	226 021	260 813	483 326	8 444
321	Wood product manufacturing .....	1	11	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	16	6	1 181	38 854	828	1 643	21 923	95 838	74 655	170 744	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

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NEW HANOVER</b>													
31-33	Manufacturing .....	1	213	37	6 848	332 298	4 751	9 558	214 675	1 034 150	848 413	1 919 162	37 113
325	Chemical manufacturing .....	2	9	5	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	3	8	4	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	6	4	3	2 033	123 543	1 464	2 969	81 836	153 525	130 863	295 904	D
325188	All other basic inorganic chemical manufacturing .....	6	4	3	2 033	123 543	1 464	2 969	81 836	153 525	130 863	295 904	D
327	Nonmetallic mineral product manufacturing .....	—	17	4	1 171	54 580	701	1 386	33 341	128 803	58 642	199 094	D
3272	Glass and glass product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	—	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>ONSLow</b>													
31-33	Manufacturing .....	—	41	9	1 415	35 165	1 163	2 285	25 322	46 289	143 883	189 839	3 313
311	Food manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
<b>ORANGE</b>													
31-33	Manufacturing .....	2	66	10	835	28 477	578	1 167	16 633	54 252	37 498	91 987	3 486
<b>PASQUOTANK</b>													
31-33	Manufacturing .....	1	30	8	f	D	D	D	D	D	D	D	3 223
<b>PENDER</b>													
31-33	Manufacturing .....	1	32	8	852	16 981	630	1 186	12 393	50 221	60 647	111 443	2 074
<b>PERSON</b>													
31-33	Manufacturing .....	—	40	13	3 818	139 983	2 993	6 870	88 580	548 522	916 103	1 443 870	42 127
313	Textile mills .....	—	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	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	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>PITT</b>													
31-33	Manufacturing .....	1	106	43	i	D	D	D	D	D	D	D	D
313	Textile mills .....	—	4	4	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	4	3	1 503	98 885	501	1 295	28 062	197 379	91 846	291 541	D
3254	Pharmaceutical and medicine manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	4	20	11	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	1	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	2	7	5	1 198	47 797	915	2 084	32 991	184 287	147 023	332 220	12 479
3363	Motor vehicle parts manufacturing .....	3	4	4	f	D	D	D	D	D	D	D	D

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		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>POLK</b>													
31-33	Manufacturing .....	1	24	9	630	17 939	512	996	12 461	32 875	76 631	109 449	1 893
<b>RANDOLPH</b>													
31-33	Manufacturing .....	1	356	141	19 460	514 171	16 024	29 979	363 938	1 654 711	1 745 690	3 385 924	107 168
311	Food manufacturing .....	6	13	7	f	D	D	D	D	D	D	D	D
313	Textile mills .....	1	16	12	1 666	42 881	1 475	3 155	34 054	82 693	102 167	194 874	8 539
3132	Fabric mills .....	1	12	8	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	4	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	4	2	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	5	7	6	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	10	5	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	32	14	g	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	23	10	g	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	1	20	8	g	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	9	4	g	D	D	D	D	D	D	D	1 466
315119	Other hosiery and sock mills ..	3	11	4	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	9	7	539	18 222	427	865	12 638	60 180	99 584	159 367	4 556
3222	Converted paper product manufacturing .....	—	8	6	f	D	D	D	D	D	D	D	4 556
326	Plastics and rubber products manufacturing .....	—	23	14	1 685	42 127	1 396	2 782	31 356	143 630	138 749	280 396	7 118
3261	Plastics product manufacturing ..	1	17	10	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	—	8	6	682	19 241	578	1 121	15 009	53 229	54 024	106 424	D
326199	All other plastics product manufacturing .....	—	8	6	682	19 241	578	1 121	15 009	53 229	54 024	106 424	D
332	Fabricated metal product manufacturing .....	—	48	14	1 457	51 562	1 151	2 290	37 765	137 199	103 215	239 878	13 197
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	—	12	2	f	D	D	D	D	D	D	D	D
33271	Machine shops .....	—	10	2	f	D	D	D	D	D	D	D	D
332710	Machine shops .....	—	10	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
33591	Battery manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	80	40	6 963	154 427	5 867	9 531	101 781	310 055	392 630	698 269	21 516
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	58	25	5 976	132 975	5 076	8 285	86 444	244 050	334 026	574 337	D
33711	Wood kitchen cabinet and countertop manufacturing .....	9	13	3	644	18 314	516	1 011	12 365	33 863	22 235	54 490	D
337110	Wood kitchen cabinet and countertop manufacturing ..	9	13	3	644	18 314	516	1 011	12 365	33 863	22 235	54 490	D
33712	Household and institutional furniture manufacturing .....	—	45	22	5 332	114 661	4 560	7 274	74 079	210 187	311 791	519 847	19 849
337121	Upholstered household furniture manufacturing .....	—	33	16	4 857	105 060	4 146	6 593	67 317	192 477	289 267	479 368	19 049
3372	Office furniture (including fixtures) manufacturing .....	—	17	12	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	—	17	12	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	18	5	757	22 222	642	1 131	16 996	127 012	49 113	166 936	1 463
3391	Medical equipment and supplies manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	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>RICHMOND</b>													
31-33	Manufacturing .....	1	54	23	3 948	104 454	3 365	5 395	78 727	336 256	268 417	619 028	16 125
311	Food manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	—	3	3	1 076	35 950	964	1 834	30 244	61 983	119 801	176 522	1 680
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
315	Apparel manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	3	3	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	3	3	f	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	3	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	2	8	7	569	20 137	475	1 009	15 316	78 632	66 201	143 761	5 309
<b>ROBESON</b>													
31-33	Manufacturing .....	—	89	42	9 029	227 067	7 382	14 341	158 964	1 473 999	972 114	2 430 067	47 752
311	Food manufacturing .....	—	5	3	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	—	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning .....	—	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	3	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	3	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills .....	2	13	8	1 184	29 149	980	1 996	20 523	48 726	72 715	122 763	D
3132	Fabric mills .....	1	11	7	g	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	1	8	5	1 031	25 613	864	1 743	18 336	43 080	65 965	110 174	1 190
313241	Weft knit fabric mills .....	1	8	5	1 031	25 613	864	1 743	18 336	43 080	65 965	110 174	1 190
315	Apparel manufacturing .....	—	10	8	1 680	32 648	1 422	2 499	26 062	165 712	98 535	258 693	2 741
3151	Apparel knitting mills .....	—	3	3	1 077	22 039	979	1 865	18 782	120 776	82 316	199 334	2 161
31511	Hosiery and sock mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	2	7	5	603	10 609	443	634	7 280	44 936	16 219	59 359	580
321	Wood product manufacturing .....	4	7	5	846	24 483	688	1 191	15 867	38 586	70 190	108 971	1 852
3219	Other wood product manufacturing .....	4	5	4	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	9	2	633	18 125	534	1 123	11 345	83 689	79 055	162 938	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>ROCKINGHAM</b>													
31-33	Manufacturing .....	2	125	58	11 276	353 409	9 694	18 923	272 712	1 623 446	1 532 978	3 176 085	62 385
312	Beverage and tobacco product manufacturing .....	5	3	2	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	9	2	1	g	D	D	D	D	D	D	D	D
31212	Breweries .....	9	1	1	g	D	D	D	D	D	D	D	D
312120	Breweries .....	9	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills .....	-	18	17	4 611	128 620	4 169	7 546	108 005	320 652	688 214	1 017 803	17 265
3131	Fiber, yarn, and thread mills .....	-	14	13	h	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	-	14	13	h	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	5	5	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	-	9	8	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	4	4	g	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 .....	6	7	3	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	6	4	3	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	3	2	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
323	Printing and related support activities .....	-	11	3	718	15 716	605	1 392	13 365	42 883	29 604	63 980	709
3231	Printing and related support activities .....	-	11	3	718	15 716	605	1 392	13 365	42 883	29 604	63 980	709
32311	Printing .....	-	11	3	718	15 716	605	1 392	13 365	42 883	29 604	63 980	709
323113	Commercial screen printing .....	-	5	3	699	15 167	591	1 369	13 030	41 865	28 970	62 323	D
326	Plastics and rubber products manufacturing .....	-	7	5	661	20 485	525	1 163	15 098	55 613	34 838	88 749	3 359
327	Nonmetallic mineral product manufacturing .....	-	9	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	20	6	696	29 223	560	1 220	21 448	122 881	119 467	246 363	871
<b>ROWAN</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
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
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
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
327	Nonmetallic mineral product manufacturing .....	-	15	10	f	D	D	D	D	D	D	D	3 788
333	Machinery manufacturing .....	1	13	6	511	17 583	310	563	8 423	32 545	36 556	68 624	909
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

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>RUTHERFORD</b>													
31-33	Manufacturing .....	-	87	36	7 350	208 848	5 964	11 646	149 007	'568 596	'561 201	1 126 391	45 591
313	Textile mills .....	-	'13	'10	'2 602	'73 772	'1 990	'3 829	'48 986	'182 815	'224 260	'409 161	'13 651
3132	Fabric mills .....	-	6	3	1 902	55 339	1 413	2 677	36 220	112 907	163 437	276 965	D
31321	Broadwoven fabric mills .....	-	4	2	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	4	2	g	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
3133	Textile and fabric finishing and fabric coating mills .....	-	4	4	502	13 271	410	818	8 785	50 470	40 608	92 887	2 918
326	Plastics and rubber products manufacturing .....	-	12	7	811	24 509	639	1 366	15 734	85 585	47 657	135 332	4 633
3261	Plastics product manufacturing ..	-	10	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	8	4	572	16 513	450	924	9 929	65 310	32 072	99 747	3 964
326199	All other plastics product manufacturing .....	-	8	4	572	16 513	450	924	9 929	65 310	32 072	99 747	3 964
332	Fabricated metal product manufacturing .....	-	11	5	1 303	38 421	1 118	2 101	30 474	133 288	86 922	217 431	D
3329	Other fabricated metal product manufacturing .....	-	4	4	1 239	36 681	1 081	2 032	29 569	129 131	84 672	211 036	D
33291	Metal valve manufacturing ....	1	3	3	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing .....	1	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	9	3	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	7	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
<b>SAMPSON</b>													
31-33	Manufacturing .....	1	56	26	3 764	102 525	3 009	6 185	69 935	300 466	561 954	857 238	D
311	Food manufacturing .....	1	10	5	1 730	45 548	1 459	3 420	37 219	150 080	366 800	510 278	D
3116	Animal slaughtering and processing .....	1	9	4	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	1	9	4	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	1	4	4	g	D	D	D	D	D	D	D	D
<b>SCOTLAND</b>													
31-33	Manufacturing .....	-	42	25	5 972	180 634	5 176	10 758	139 686	643 208	552 535	1 192 915	28 538
313	Textile mills .....	1	6	6	1 512	37 623	1 388	2 889	31 951	83 846	91 745	175 549	2 877
3131	Fiber, yarn, and thread mills ....	-	3	3	615	11 962	557	1 063	9 635	25 908	29 465	55 399	D
31311	Fiber, yarn, and thread mills ...	-	3	3	615	11 962	557	1 063	9 635	25 908	29 465	55 399	D
313111	Yarn spinning mills .....	-	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	3	3	897	25 661	831	1 826	22 316	57 938	62 280	120 150	D
31321	Broadwoven fabric mills .....	2	3	3	897	25 661	831	1 826	22 316	57 938	62 280	120 150	D
313210	Broadwoven fabric mills .....	2	3	3	897	25 661	831	1 826	22 316	57 938	62 280	120 150	D
314	Textile product mills .....	-	4	3	1 479	40 522	1 398	3 010	36 977	218 243	178 459	391 362	D
3141	Textile furnishings mills .....	-	2	2	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	5	4	4	500	11 722	449	910	10 379	25 565	40 238	64 452	1 161
3219	Other wood product manufacturing .....	5	4	4	500	11 722	449	910	10 379	25 565	40 238	64 452	1 161
336	Transportation equipment manufacturing .....	-	6	5	763	30 073	534	1 137	16 014	94 282	97 770	192 105	7 583
3363	Motor vehicle parts manufacturing .....	-	4	4	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument 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]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>STANLY</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
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
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
321	Wood product manufacturing .....	-	17	9	1 349	39 696	1 063	2 110	27 541	88 413	128 995	217 017	7 325
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
<b>STOKES</b>													
31-33	Manufacturing .....	4	38	9	1 045	32 554	862	1 662	23 420	75 411	138 715	215 868	3 042
<b>SURRY</b>													
31-33	Manufacturing .....	1	134	47	9 458	234 555	7 807	15 769	169 887	572 000	638 272	1 190 536	30 681
311	Food manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	4	5	5	1 420	30 170	1 089	2 014	17 620	49 542	68 280	114 086	2 354
3132	Fabric mills .....	4	4	4	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	6	3	3	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	6	3	3	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	1	23	10	3 314	73 917	2 795	5 632	55 368	207 360	120 040	319 736	8 006
3151	Apparel knitting mills .....	1	16	9	h	D	D	D	D	D	D	D	8 001
31511	Hosiery and sock mills .....	-	13	7	h	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	-	12	7	2 770	59 426	2 422	4 934	48 084	151 251	93 482	234 526	D
332	Fabricated metal product manufacturing .....	1	23	5	608	15 978	459	822	10 903	46 401	38 810	93 900	D
337	Furniture and related product manufacturing .....	-	11	5	1 130	29 524	1 041	2 213	25 173	88 675	49 025	118 548	1 403
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	9	5	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	7	5	1 120	29 210	1 033	2 199	24 980	88 094	48 575	117 517	1 388
337122	Nonupholstered wood household furniture manufacturing .....	-	5	3	f	D	D	D	D	D	D	D	D
<b>TRANSYLVANIA</b>													
31-33	Manufacturing .....	7	31	10	1 231	45 034	1 017	2 024	33 183	118 141	125 505	244 579	7 622
<b>UNION</b>													
31-33	Manufacturing .....	-	'245	'85	'12 088	'382 693	'9 568	'18 825	'258 042	'979 246	'1 323 072	'2 326 303	'65 225
311	Food manufacturing .....	-	11	6	h	D	D	D	D	D	D	D	4 242
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
311615	Poultry processing .....	-	6	4	2 451	51 366	2 183	4 325	43 780	104 039	214 320	317 045	3 844
315	Apparel manufacturing .....	8	10	6	f	D	D	D	D	D	D	D	481
321	Wood product manufacturing .....	4	14	8	f	D	D	D	D	D	D	D	3 451
326	Plastics and rubber products manufacturing .....	-	14	7	1 177	40 217	981	2 134	29 800	40 031	164 238	204 187	22 241
3261	Plastics product manufacturing .....	-	11	6	g	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting 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>UNION—Con.</b>													
331	Primary metal manufacturing .....	—	3	1	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	—	1	1	g	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	1	1	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	58	12	g	D	D	D	D	D	D	D	4 003
336	Transportation equipment manufacturing .....	—	7	5	510	18 082	407	828	12 524	64 132	74 218	138 735	3 322
339	Miscellaneous manufacturing .....	—	18	2	543	24 823	340	741	11 832	89 312	75 749	164 269	D
<b>VANCE</b>													
31-33	Manufacturing .....	1	47	22	2 807	79 557	2 182	4 309	55 082	297 955	290 028	587 867	19 416
<b>WAKE</b>													
31-33	Manufacturing .....	—	687	164	20 277	795 139	13 210	26 152	402 696	7 300 439	4 099 506	11 497 047	330 480
311	Food manufacturing .....	4	38	11	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	9	3	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	9	3	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	9	3	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	9	21	7	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	30	10	712	24 649	539	1 162	17 185	82 398	210 267	292 991	D
322	Paper manufacturing .....	—	9	7	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	8	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	7	7	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	118	18	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	2	118	18	g	D	D	D	D	D	D	D	D
32311	Printing .....	2	108	18	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	—	57	10	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	26	10	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	—	13	7	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	13	7	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	7	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	19	12	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	16	11	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	12	8	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	2	12	8	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	3	46	12	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	3	31	10	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	78	20	1 997	76 977	1 483	3 005	48 994	196 703	97 788	292 755	D
3323	Architectural and structural metals manufacturing .....	3	26	10	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	4	19	7	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing .....	4	17	7	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	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>WAKE—Con.</b>													
333	Machinery manufacturing .....	—	39	10	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	74	22	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	1	25	10	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	1	25	10	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	21	7	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	21	7	g	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	—	5	3	612	31 673	389	785	13 862	68 979	74 480	144 336	D
335	Electrical equipment, appliance, and component manufacturing .....	—	24	8	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	10	5	1 401	62 592	561	917	15 246	178 875	259 612	435 290	D
33531	Electrical equipment manufacturing .....	—	10	5	1 401	62 592	561	917	15 246	178 875	259 612	435 290	D
335314	Relay and industrial control manufacturing .....	—	6	3	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	11	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	65	12	f	D	D	D	D	D	D	D	D
<b>WARREN</b>													
31-33	Manufacturing .....	1	11	6	537	14 087	474	1 050	10 628	30 167	46 165	76 445	666
<b>WASHINGTON</b>													
31-33	Manufacturing .....	—	15	3	g	D	D	D	D	D	D	D	13 734
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
<b>WATAUGA</b>													
31-33	Manufacturing .....	2	56	11	1 066	26 521	885	1 632	18 789	75 787	42 418	116 019	2 687
<b>WAYNE</b>													
31-33	Manufacturing .....	—	93	36	8 764	269 104	7 221	16 234	194 713	877 472	649 817	1 522 542	57 645
311	Food manufacturing .....	—	17	9	4 685	121 341	4 059	9 348	92 446	513 714	229 106	732 744	16 867
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	—	3	2	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .....	—	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	7	4	h	D	D	D	D	D	D	D	8 883
31161	Animal slaughtering and processing .....	—	7	4	h	D	D	D	D	D	D	D	8 883
311615	Poultry processing .....	—	2	2	h	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	8	3	f	D	D	D	D	D	D	D	641
326	Plastics and rubber products manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use .....	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	5	4	f	D	D	D	D	D	D	D	11 031
3353	Electrical equipment manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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>WILKES</b>													
31-33	Manufacturing .....	-	98	36	6 656	167 534	5 821	11 369	133 616	749 974	580 104	1 316 935	26 175
311	Food manufacturing .....	-	10	6	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	6	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	6	4	h	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	3	3	h	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	5	10	6	768	15 998	677	1 486	13 498	15 950	23 057	40 553	409
3151	Apparel knitting mills .....	4	5	4	671	14 360	604	1 366	12 281	14 293	19 824	35 754	D
321	Wood product manufacturing .....	-	16	8	850	24 746	769	1 426	20 558	93 195	94 809	186 799	2 148
327	Nonmetallic mineral product manufacturing .....	4	12	3	633	17 511	490	914	13 453	44 868	55 883	101 468	2 337
337	Furniture and related product manufacturing .....	1	7	4	852	24 831	713	1 418	17 272	76 231	52 455	112 358	3 868
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	6	4	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	1	4	4	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>WILSON</b>													
31-33	Manufacturing .....	-	95	43	8 861	330 225	6 875	14 755	224 286	4 710 766	1 113 389	5 825 580	104 761
311	Food manufacturing .....	2	8	5	619	16 203	520	1 108	13 767	137 101	50 822	188 679	3 826
312	Beverage and tobacco product manufacturing .....	1	4	3	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying .....	-	2	1	f	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying .....	-	2	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	57 647
3254	Pharmaceutical and medicine manufacturing .....	-	4	4	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	4	4	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	10	6	2 334	106 168	1 994	4 318	87 531	250 664	203 382	453 522	14 712
3262	Rubber product manufacturing .....	-	4	3	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	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	10	5	563	21 191	467	1 090	16 548	53 313	39 011	94 441	4 802
<b>YADKIN</b>													
31-33	Manufacturing .....	2	42	17	2 567	71 131	2 198	3 964	50 846	112 655	362 654	487 442	8 628
313	Textile mills .....	2	4	4	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	2	3	3	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	2	3	3	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	2	2	2	g	D	D	D	D	D	D	D	D
<b>YANCEY</b>													
31-33	Manufacturing .....	-	19	8	1 007	26 908	858	1 561	22 561	50 597	102 094	155 065	3 084
313	Textile mills .....	-	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.

<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	All establishments <sup>2</sup>			All 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>ABERDEEN</b>													
31-33	Manufacturing .....	2	25	11	1 250	36 838	971	1 935	23 746	96 452	157 225	257 196	5 435
<b>ALBEMARLE</b>													
31-33	Manufacturing .....	-	48	17	2 331	62 777	1 940	3 603	44 731	195 935	253 563	453 365	6 114
313	Textile mills .....	-	5	4	619	15 827	551	1 078	11 182	36 166	45 953	82 199	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
<b>APEX</b>													
31-33	Manufacturing .....	-	26	6	1 007	42 795	761	1 673	28 935	120 962	391 158	503 729	D
<b>ARCHDALE</b>													
31-33	Manufacturing .....	4	28	16	1 220	31 018	943	1 561	21 674	88 600	67 625	156 582	4 126
337	Furniture and related product manufacturing .....	6	9	8	705	16 199	562	895	11 402	52 051	40 474	91 931	2 367
<b>ASHEBORO</b>													
31-33	Manufacturing .....	-	94	43	9 793	258 757	8 216	15 267	182 344	957 454	1 093 978	2 041 583	57 535
313	Textile mills .....	5	6	5	514	11 849	449	903	8 437	21 950	20 866	41 063	D
315	Apparel manufacturing .....	-	13	7	1 736	38 817	1 348	2 922	26 803	140 694	143 340	283 348	4 392
3151	Apparel knitting mills .....	-	9	5	1 668	37 390	1 308	2 847	26 196	139 080	142 284	280 658	D
31511	Hosiery and sock mills .....	2	8	4	g	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	-	4	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	9	7	987	22 449	783	1 623	16 174	90 627	80 767	170 192	3 011
3261	Plastics product manufacturing ..	2	8	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	18	4	765	28 798	637	1 283	23 469	70 529	59 317	129 588	D
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33591	Battery manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	8	4	h	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	8	4	h	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	8	4	h	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	-	3	1	h	D	D	D	D	D	D	D	D
<b>ASHEVILLE</b>													
31-33	Manufacturing .....	2	129	41	4 947	172 517	3 507	6 899	99 996	531 543	413 777	947 791	30 218
333	Machinery manufacturing .....	-	11	7	1 186	47 069	779	1 670	25 232	146 235	83 370	233 721	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	4	4	603	18 945	392	794	10 406	80 633	31 889	112 453	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	4	4	603	18 945	392	794	10 406	80 633	31 889	112 453	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BELMONT</b>													
31-33	Manufacturing .....	-	23	14	1 314	32 437	1 183	2 411	26 541	83 777	95 600	181 926	10 957
313	Textile mills .....	-	16	13	1 223	29 779	1 119	2 267	25 060	72 245	90 617	164 567	D
3131	Fiber, yarn, and thread mills .....	-	12	10	999	24 506	923	1 867	21 312	60 113	71 589	133 357	D
31311	Fiber, yarn, and thread mills ...	-	12	10	999	24 506	923	1 867	21 312	60 113	71 589	133 357	D
313111	Yarn spinning mills .....	-	10	9	f	D	D	D	D	D	D	D	D
<b>BESSEMER CITY</b>													
31-33	Manufacturing .....	-	13	6	539	22 729	356	677	11 306	73 105	64 393	137 560	D
<b>BLACK MOUNTAIN</b>													
31-33	Manufacturing .....	-	19	5	1 265	38 966	972	1 590	22 023	83 961	63 880	140 116	D
<b>BOONE</b>													
31-33	Manufacturing .....	1	30	7	758	19 540	609	1 105	13 107	59 314	27 597	84 147	2 172
<b>BURGAW</b>													
31-33	Manufacturing .....	-	9	3	529	9 110	372	725	7 267	37 587	34 770	72 512	1 325
<b>BURLINGTON</b>													
31-33	Manufacturing .....	-	99	54	7 533	212 542	5 848	11 741	135 099	504 840	725 961	1 233 318	39 981
313	Textile mills .....	-	15	11	g	D	D	D	D	D	D	D	3 603
3131	Fiber, yarn, and thread mills .....	-	4	4	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	4	4	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	-	3	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	7	4	f	D	D	D	D	D	D	D	2 072
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 .....	-	4	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	3	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	4	3	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	22	17	2 289	53 416	1 928	3 815	39 984	133 682	102 478	233 727	4 933
3151	Apparel knitting mills .....	-	22	17	2 289	53 416	1 928	3 815	39 984	133 682	102 478	233 727	4 933
31511	Hosiery and sock mills .....	-	22	17	2 289	53 416	1 928	3 815	39 984	133 682	102 478	233 727	4 933
315111	Sheer hosiery mills .....	-	5	3	531	11 216	436	833	6 915	14 120	32 457	47 394	D
315119	Other hosiery and sock mills ..	-	17	14	1 758	42 200	1 492	2 982	33 069	119 562	70 021	186 333	D
334	Computer and electronic product manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
<b>CANTON</b>													
31-33	Manufacturing .....	-	10	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
<b>CARY</b>													
31-33	Manufacturing .....	6	82	17	2 626	96 343	1 760	3 546	48 466	315 369	173 748	491 675	12 953
311	Food manufacturing .....	9	7	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	9	6	1	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE</b>													
31-33	Manufacturing .....	1	756	244	31 432	1 194 052	19 813	39 527	635 066	3 432 535	3 379 496	6 847 625	234 054
311	Food manufacturing .....	—	35	14	i	D	D	D	D	D	D	D	36 044
3118	Bakeries and tortilla manufacturing .....	—	21	7	4 857	177 122	1 535	3 096	47 578	327 238	165 775	490 034	D
31181	Bread and bakery product manufacturing .....	2	18	5	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	2	5	4	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	—	3	2	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 .....	—	8	4	f	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
312	Beverage and tobacco product manufacturing .....	1	5	3	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	1	5	3	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	1	5	3	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing .....	1	4	3	f	D	D	D	D	D	D	D	D
313	Textile mills .....	1	25	7	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	2	7	4	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	22	14	1 913	66 823	1 520	3 158	43 940	156 526	152 797	305 981	9 961
3222	Converted paper product manufacturing .....	—	21	13	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	11	8	g	D	D	D	D	D	D	D	D
322213	Setup paperboard box manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	143	28	2 338	87 281	1 725	3 376	56 216	204 035	139 792	344 368	17 386
3231	Printing and related support activities .....	1	143	28	2 338	87 281	1 725	3 376	56 216	204 035	139 792	344 368	17 386
32311	Printing .....	1	123	25	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	1	52	13	1 259	51 056	947	1 931	34 117	114 231	97 302	211 938	D
325	Chemical manufacturing .....	—	53	21	1 550	79 576	885	1 824	38 292	293 581	422 268	730 040	18 724
3251	Basic chemical manufacturing ...	—	11	7	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	2	40	23	3 505	135 903	2 635	5 289	88 545	388 865	312 805	684 788	37 878
3261	Plastics product manufacturing ..	2	33	20	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	3	18	11	g	D	D	D	D	D	D	D	10 337
326199	All other plastics product manufacturing .....	3	17	10	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	1	7	3	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	—	4	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 .....	—	25	9	729	28 997	587	1 354	21 636	61 958	64 480	126 371	D
3273	Cement and concrete product manufacturing .....	—	13	9	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	7	3	f	D	D	D	D	D	D	D	D
3315	Foundries .....	—	4	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	—	2	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries .....	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	106	27	2 389	89 841	1 740	3 377	56 356	203 808	164 459	369 554	15 253
3323	Architectural and structural metals manufacturing .....	—	27	9	884	35 799	574	1 196	19 264	88 443	96 989	185 504	10 510
33232	Ornamental and architectural metal products manufacturing .....	1	21	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]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE—Con.</b>													
333	Machinery manufacturing .....	—	70	29	2 913	142 513	1 819	3 548	78 444	382 541	319 018	709 822	47 671
3332	Industrial machinery manufacturing .....	1	21	9	557	25 255	315	638	11 214	56 258	41 925	99 257	D
33329	Other industrial machinery manufacturing .....	1	19	9	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	1	21	6	626	26 573	348	706	10 476	52 818	40 838	95 960	4 039
33399	All other general purpose machinery manufacturing ....	1	12	6	f	D	D	D	D	D	D	D	2 537
334	Computer and electronic product manufacturing .....	—	28	9	4 181	141 068	2 160	4 084	50 674	327 633	682 771	1 039 978	22 272
3341	Computer and peripheral equipment manufacturing .....	—	5	2	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	—	5	2	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	4	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	12	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	12	4	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	19	10	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	4	80	21	1 640	59 442	1 055	2 186	31 586	138 703	140 163	289 316	6 525
3391	Medical equipment and supplies manufacturing .....	7	34	7	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	7	34	7	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	1	46	14	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	14	7	f	D	D	D	D	D	D	D	D
<b>CHERRYVILLE</b>													
31-33	Manufacturing .....	8	12	5	551	15 218	462	867	12 001	22 556	30 995	55 143	1 192
<b>CLAYTON</b>													
31-33	Manufacturing .....	—	12	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>CLEMMONS</b>													
31-33	Manufacturing .....	—	15	3	f	D	D	D	D	D	D	D	1 165
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
33391	Pump and compressor manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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<b>CLINTON</b>													
31-33	Manufacturing .....	-	24	11	2 168	58 842	1 735	3 592	40 878	185 215	293 941	474 738	D
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
311611	Animal (except poultry) slaughtering .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>CONCORD</b>													
31-33	Manufacturing .....	-	80	25	i	D	D	D	D	D	D	D	31 778
311	Food manufacturing .....	9	6	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	-	3	2	h	D	D	D	D	D	D	D	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
315	Apparel manufacturing .....	3	7	4	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	4	6	3	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	7	4	2	f	D	D	D	D	D	D	D	D
<b>CONOVER</b>													
31-33	Manufacturing .....	1	69	48	6 545	179 138	5 403	10 112	127 723	424 452	463 319	886 419	23 440
314	Textile product mills .....	4	7	6	592	12 259	480	961	9 364	28 388	32 871	61 260	D
326	Plastics and rubber products manufacturing .....	-	7	4	732	18 747	492	764	10 623	70 742	88 092	159 553	2 877
337	Furniture and related product manufacturing .....	-	24	21	3 287	92 189	2 809	5 221	67 355	174 026	179 133	351 271	3 268
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	22	20	h	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	20	19	h	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	1	15	14	g	D	D	D	D	D	D	D	D
<b>DUNN</b>													
31-33	Manufacturing .....	-	26	7	1 383	40 057	1 103	2 114	24 538	78 655	103 873	182 728	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
33599	All other electrical equipment and component manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>DURHAM</b>													
31-33	Manufacturing .....	-	143	39	i	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	4	2	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	3	1	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	3	1	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	2	1	g	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	36	7	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	-	36	7	f	D	D	D	D	D	D	D	D
32311	Printing .....	-	31	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	8	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	3	12	6	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	5	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	5	4	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	1	3	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>EDEN</b>													
31-33	Manufacturing .....	8	21	10	g	D	D	D	D	D	D	D	
312	Beverage and tobacco product manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	
3121	Beverage manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	
31212	Breweries .....	9	1	1	g	D	D	D	D	D	D	D	
312120	Breweries .....	9	1	1	g	D	D	D	D	D	D	D	
314	Textile product mills .....	6	2	2	f	D	D	D	D	D	D	D	
3141	Textile furnishings mills .....	6	2	2	f	D	D	D	D	D	D	D	
31412	Curtain and linen mills .....	—	1	1	f	D	D	D	D	D	D	D	
314129	Other household textile product mills .....	—	1	1	f	D	D	D	D	D	D	D	
<b>EDENTON</b>													
31-33	Manufacturing .....	5	12	9	889	27 977	682	1 441	18 693	67 210	71 631	138 185	D
<b>ELKIN</b>													
31-33	Manufacturing .....	6	15	3	g	D	D	D	D	D	D	D	
313	Textile mills .....	6	2	2	g	D	D	D	D	D	D	D	
3132	Fabric mills .....	6	2	2	g	D	D	D	D	D	D	D	
31321	Broadwoven fabric mills .....	6	2	2	g	D	D	D	D	D	D	D	
313210	Broadwoven fabric mills .....	6	2	2	g	D	D	D	D	D	D	D	
<b>FARMVILLE</b>													
31-33	Manufacturing .....	1	16	7	g	D	D	D	D	D	D	D	
313	Textile mills .....	—	2	2	f	D	D	D	D	D	D	D	
3132	Fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	
31324	Knit fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	
313249	Other knit fabric and lace mills .....	—	1	1	f	D	D	D	D	D	D	D	
<b>FAYETTEVILLE</b>													
31-33	Manufacturing .....	—	62	21	7 296	282 012	5 394	11 080	184 472	724 593	846 966	1 565 201	61 134
315	Apparel manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	
3152	Cut and sew apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	
31522	Men's and boys' cut and sew apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	
315228	Men's and boys' cut and sew other outerwear manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing .....	—	2	2	h	D	D	D	D	D	D	D	
3261	Plastics product manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	
32611	Plastics packaging materials and un laminated film and sheet manufacturing .....	—	1	1	f	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	
3262	Rubber product manufacturing ...	—	1	1	h	D	D	D	D	D	D	D	
32621	Tire manufacturing .....	—	1	1	h	D	D	D	D	D	D	D	
326211	Tire manufacturing (except retreading) .....	—	1	1	h	D	D	D	D	D	D	D	
333	Machinery manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	
3339	Other general purpose machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	
33399	All other general purpose machinery manufacturing ....	—	1	1	g	D	D	D	D	D	D	D	
333991	Power-driven handtool manufacturing .....	—	1	1	g	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>FLETCHER</b>													
31-33	Manufacturing .....	-	22	9	1 999	81 651	1 656	3 604	60 175	238 208	340 861	575 040	26 236
326	Plastics and rubber products manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape 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
3363	Motor vehicle parts manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
<b>FOREST CITY</b>													
31-33	Manufacturing .....	-	27	10	2 458	68 455	1 856	3 286	44 874	192 046	190 478	381 455	20 557
313	Textile mills .....	-	4	2	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	4	2	g	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
326	Plastics and rubber products manufacturing .....	-	7	4	610	18 048	490	1 035	12 684	71 619	38 423	111 922	4 358
<b>FUQUAY-VARINA</b>													
31-33	Manufacturing .....	-	28	7	g	D	D	D	D	D	D	D	D
<b>GARNER</b>													
31-33	Manufacturing .....	3	24	9	1 057	38 739	799	1 829	25 368	172 963	189 375	363 428	D
311	Food manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	9	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	9	1	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>GASTONIA</b>													
31-33	Manufacturing .....	1	168	55	8 762	267 389	6 752	13 382	192 037	903 292	809 306	1 712 169	47 989
313	Textile mills .....	-	22	13	1 710	46 526	1 457	3 132	34 417	110 488	131 396	241 527	D
3131	Fiber, yarn, and thread mills .....	-	9	8	1 158	32 994	980	2 230	24 680	83 966	91 137	175 626	D
31311	Fiber, yarn, and thread mills ...	-	9	8	1 158	32 994	980	2 230	24 680	83 966	91 137	175 626	D
313111	Yarn spinning mills .....	-	7	7	g	D	D	D	D	D	D	D	5 259
327	Nonmetallic mineral product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	3	49	11	795	27 580	578	1 145	16 892	50 388	48 796	99 341	2 197
333	Machinery manufacturing .....	-	22	3	666	26 048	534	1 162	18 855	97 519	137 200	238 757	1 306
336	Transportation equipment manufacturing .....	-	7	6	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	6	6	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	-	5	5	h	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	-	5	5	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GOLDSBORO</b>													
31-33	Manufacturing .....	2	55	21	3 263	105 892	2 462	5 133	71 389	229 210	251 330	485 626	24 753
311	Food manufacturing .....	3	10	5	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use .....	—	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
<b>GRAHAM</b>													
31-33	Manufacturing .....	5	45	21	g	D	D	D	D	D	D	D	D
313	Textile mills .....	9	5	4	f	D	D	D	D	D	D	D	1 901
3132	Fabric mills .....	9	3	3	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
<b>GRANITE FALLS</b>													
31-33	Manufacturing .....	2	20	8	699	18 282	569	1 161	12 897	40 161	49 648	91 198	2 008
<b>GREENSBORO</b>													
31-33	Manufacturing .....	—	364	148	20 348	817 769	14 431	28 609	491 853	3 154 533	2 527 646	5 663 356	285 925
311	Food manufacturing .....	—	17	8	f	D	D	D	D	D	D	D	3 415
312	Beverage and tobacco product manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills .....	3	15	10	3 000	84 903	2 596	5 295	65 119	169 327	416 411	575 399	11 275
3132	Fabric mills .....	5	8	5	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	9	2	1	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	9	2	1	g	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	2	6	4	g	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	—	3	2	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	5	3	2	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	—	5	3	591	20 195	477	1 032	14 362	37 598	195 762	228 785	D
322	Paper manufacturing .....	4	13	10	707	28 934	524	1 157	17 353	57 171	108 485	163 807	7 214
3222	Converted paper product manufacturing .....	4	13	10	707	28 934	524	1 157	17 353	57 171	108 485	163 807	7 214
323	Printing and related support activities .....	—	67	19	1 980	69 188	1 426	2 863	43 347	191 334	80 618	274 539	10 118
3231	Printing and related support activities .....	—	67	19	1 980	69 188	1 426	2 863	43 347	191 334	80 618	274 539	10 118
32311	Printing .....	—	61	13	1 741	61 036	1 237	2 490	37 601	174 563	78 048	255 247	9 543
323110	Commercial lithographic printing .....	—	38	10	1 332	48 444	941	1 920	29 157	105 793	64 045	172 402	8 091
325	Chemical manufacturing .....	—	26	15	g	D	D	D	D	D	D	D	28 719
3255	Paint, coating, and adhesive manufacturing .....	—	8	6	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	4	3	f	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	—	6	2	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	—	4	2	f	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	3	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>GREENSBORO—Con.</b>													
326	Plastics and rubber products manufacturing .....	-	17	10	843	33 437	627	1 303	22 223	122 702	82 556	203 370	21 467
3261	Plastics product manufacturing ..	-	15	9	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	8	4	516	22 739	380	772	15 117	97 520	30 842	126 488	D
326199	All other plastics product manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	55	20	1 235	43 246	957	1 851	26 833	92 262	53 595	143 557	2 125
333	Machinery manufacturing .....	-	30	5	1 525	78 284	677	1 325	27 639	130 383	196 164	331 528	7 044
3339	Other general purpose machinery manufacturing .....	-	4	2	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	13	8	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	5	5	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	5	5	h	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	6	17	5	578	20 139	451	878	12 376	33 201	36 199	69 704	1 221
339	Miscellaneous manufacturing .....	-	34	13	1 365	48 589	940	1 674	22 665	99 861	110 759	211 293	4 084
3391	Medical equipment and supplies manufacturing .....	-	14	3	f	D	D	D	D	D	D	D	169
33911	Medical equipment and supplies manufacturing .....	-	14	3	f	D	D	D	D	D	D	D	169
3399	Other miscellaneous manufacturing .....	1	20	10	f	D	D	D	D	D	D	D	3 915
<b>GREENVILLE</b>													
31-33	Manufacturing .....	2	44	14	3 005	146 017	1 769	3 742	61 061	284 845	201 334	484 165	D
325	Chemical manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>HARRISBURG</b>													
31-33	Manufacturing .....	-	16	8	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>HENDERSON</b>													
31-33	Manufacturing .....	1	28	13	g	D	D	D	D	D	D	D	5 295
<b>HENDERSONVILLE</b>													
31-33	Manufacturing .....	1	41	8	1 307	46 736	893	1 867	29 684	122 268	178 096	305 200	15 231

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>HICKORY</b>													
31-33	Manufacturing .....	1	232	96	13 163	373 516	10 710	18 882	255 677	887 834	902 896	1 825 989	34 277
313	Textile mills .....	1	13	12	1 299	35 629	1 077	2 008	26 011	75 232	128 431	214 594	10 922
3132	Fabric mills .....	—	4	4	739	22 088	607	1 170	16 564	42 050	76 887	128 375	D
315	Apparel manufacturing .....	2	29	7	g	D	D	D	D	D	D	D	668
3151	Apparel knitting mills .....	1	26	7	1 274	29 954	1 123	2 248	24 620	60 130	75 983	135 427	D
31511	Hosiery and sock mills .....	1	26	7	1 274	29 954	1 123	2 248	24 620	60 130	75 983	135 427	D
315119	Other hosiery and sock mills ..	1	18	6	1 160	27 658	1 025	2 054	22 682	54 530	71 494	125 233	D
322	Paper manufacturing .....	—	6	4	567	16 769	441	828	9 358	54 334	54 226	109 385	D
3222	Converted paper product manufacturing .....	—	6	4	567	16 769	441	828	9 358	54 334	54 226	109 385	D
326	Plastics and rubber products manufacturing .....	—	12	8	542	15 180	466	836	11 692	34 293	27 327	61 758	3 186
3261	Plastics product manufacturing ..	—	9	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	18	5	1 200	22 001	1 076	1 258	15 210	44 585	35 478	79 006	1 413
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
3326	Spring and wire product manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
332612	Spring (light gauge) manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	3	3	654	25 625	408	711	11 208	65 495	53 473	127 715	D
3342	Communications equipment manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	—	3	2	f	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	73	41	5 340	152 014	4 498	8 008	111 571	367 034	242 858	615 102	7 572
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	57	33	4 659	135 215	3 936	7 111	99 883	322 498	225 397	552 635	6 590
33712	Household and institutional furniture manufacturing .....	1	53	32	4 567	133 386	3 856	6 966	98 302	316 706	220 635	542 035	D
337121	Upholstered household furniture manufacturing .....	1	41	25	3 909	116 798	3 281	5 841	85 600	279 057	176 751	456 522	5 898
337122	Nonupholstered wood household furniture manufacturing .....	—	10	7	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	2	16	8	681	16 799	562	897	11 688	44 536	17 461	62 467	982
33721	Office furniture (including fixtures) manufacturing .....	2	16	8	681	16 799	562	897	11 688	44 536	17 461	62 467	982
<b>HIGH POINT</b>													
31-33	Manufacturing .....	1	282	145	15 483	486 456	11 716	21 991	307 366	1 079 325	1 548 504	2 613 072	67 881
314	Textile product mills .....	6	20	10	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	4	12	8	861	18 923	775	1 483	15 407	42 032	23 013	65 031	D
3151	Apparel knitting mills .....	5	4	4	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	5	4	4	f	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills ..	5	4	4	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	15	10	842	28 695	669	1 369	19 005	110 556	102 569	202 225	D
323	Printing and related support activities .....	—	35	18	1 069	35 924	816	1 506	22 164	69 375	41 637	111 626	D
3231	Printing and related support activities .....	—	35	18	1 069	35 924	816	1 506	22 164	69 375	41 637	111 626	D
32311	Printing .....	—	24	10	f	D	D	D	D	D	D	D	5 480

See footnotes at end of table.



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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>HIGH POINT—Con.</b>													
325	Chemical manufacturing .....	-	10	5	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	19	12	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	18	11	f	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing .....	1	12	8	536	15 216	405	737	9 033	28 467	35 370	63 057	990
326150	Urethane and other foam product (except polystyrene) manufacturing .....	1	12	8	536	15 216	405	737	9 033	28 467	35 370	63 057	990
332	Fabricated metal product manufacturing .....	-	'22	'10	'983	'29 157	'832	'1 634	'21 745	'82 884	'61 055	'143 962	'3 725
336	Transportation equipment manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	'83	'44	'5 265	'137 916	'3 984	'7 059	'86 351	'309 943	'244 162	'552 339	'8 143
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	53	24	h	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ....	9	5	1	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	9	5	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	1	48	23	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing ....	-	34	18	1 970	56 245	1 575	2 803	39 550	113 932	90 411	201 380	3 766
3372	Office furniture (including fixtures) manufacturing .....	2	'26	'19	'2 109	'50 854	'1 448	'2 492	'27 407	'129 166	'91 480	'221 907	'2 590
33721	Office furniture (including fixtures) manufacturing .....	2	'26	'19	'2 109	'50 854	'1 448	'2 492	'27 407	'129 166	'91 480	'221 907	'2 590
337211	Wood office furniture manufacturing .....	2	8	7	g	D	D	D	D	D	D	D	1 660
337215	Showcase, partition, shelving, and locker manufacturing .....	2	'14	'9	'549	'12 632	'410	'777	'8 593	'21 623	'23 572	'45 263	D
<b>HUDSON</b>													
31-33	Manufacturing .....	-	17	8	785	21 226	598	1 148	11 466	55 429	62 373	118 971	1 330
<b>HUNTERSVILLE</b>													
31-33	Manufacturing .....	5	25	5	609	26 008	356	710	10 887	95 051	55 740	141 851	1 832
<b>INDIAN TRAIL</b>													
31-33	Manufacturing .....	-	61	17	1 310	41 800	1 040	1 865	27 461	120 004	125 545	243 797	5 219
<b>JAMESTOWN</b>													
31-33	Manufacturing .....	-	15	5	514	17 039	359	677	9 166	379 227	49 240	428 661	3 649
<b>KANNAPOLIS</b>													
31-33	Manufacturing .....	9	21	3	h	D	D	D	D	D	D	D	D
313	Textile mills .....	9	2	1	h	D	D	D	D	D	D	D	D
3132	Fabric mills .....	9	2	1	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	9	1	1	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	9	1	1	h	D	D	D	D	D	D	D	D
<b>KERNERSVILLE</b>													
31-33	Manufacturing .....	-	54	17	2 044	74 705	1 350	2 515	37 692	326 248	501 820	757 703	5 476
332	Fabricated metal product manufacturing .....	-	13	5	766	26 582	541	918	14 412	90 565	72 115	161 473	D
<b>KINGS MOUNTAIN</b>													
31-33	Manufacturing .....	-	39	16	2 120	62 635	1 671	3 338	38 652	174 645	208 796	386 853	D
313	Textile mills .....	-	14	8	g	D	D	D	D	D	D	D	5 076
3132	Fabric mills .....	-	6	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>KINSTON</b>													
31-33	Manufacturing .....	-	36	15	h	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	4	3	691	19 564	621	1 309	15 872	57 930	57 774	114 834	D
335	Electrical equipment, appliance, and component manufacturing .....	-	3	2	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>KNIGHTDALE</b>													
31-33	Manufacturing .....	-	10	4	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
335314	Relay and industrial control manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>LAURINBURG</b>													
31-33	Manufacturing .....	1	22	12	1 836	58 062	1 517	3 085	42 320	235 218	167 470	397 787	10 429
321	Wood product manufacturing .....	5	4	4	500	11 722	449	910	10 379	25 565	40 238	64 452	1 161
3219	Other wood product manufacturing .....	5	4	4	500	11 722	449	910	10 379	25 565	40 238	64 452	1 161
<b>LENOIR</b>													
31-33	Manufacturing .....	2	75	42	11 539	308 865	10 018	20 046	239 726	722 120	662 725	1 384 564	23 119
321	Wood product manufacturing .....	4	16	9	579	15 881	489	1 022	12 126	34 205	36 716	71 527	2 061
326	Plastics and rubber products manufacturing .....	-	4	3	541	15 525	465	945	10 594	44 271	57 367	104 153	D
3261	Plastics product manufacturing .....	-	4	3	541	15 525	465	945	10 594	44 271	57 367	104 153	D
337	Furniture and related product manufacturing .....	3	20	15	8 420	213 658	7 568	15 258	175 592	483 346	445 451	929 286	10 942
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	18	14	i	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	3	17	14	i	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	-	4	4	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	4	13	10	i	D	D	D	D	D	D	D	D
<b>LEXINGTON</b>													
31-33	Manufacturing .....	2	70	30	5 873	163 948	4 936	9 468	117 446	372 860	386 087	757 335	81 748
321	Wood product manufacturing .....	-	12	8	573	16 132	494	939	11 680	41 729	49 209	91 145	D
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	6	14	9	3 484	82 281	3 125	5 957	66 383	155 789	98 225	252 612	2 976
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	6	10	7	3 420	80 789	3 070	5 854	65 266	152 673	95 232	246 511	D
33712	Household and institutional furniture manufacturing .....	6	9	7	h	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	7	6	6	h	D	D	D	D	D	D	D	D
<b>LIBERTY</b>													
31-33	Manufacturing .....	-	16	7	693	19 047	585	1 095	15 068	56 415	53 814	109 912	D
<b>LILLINGTON</b>													
31-33	Manufacturing .....	4	11	4	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>LINCOLNTON</b>													
31-33	Manufacturing .....	-	36	18	2 948	93 264	2 444	5 059	67 503	300 699	353 809	651 730	D
313	Textile mills .....	2	9	9	1 435	36 239	1 231	2 658	26 501	77 589	93 210	167 988	D
3132	Fabric mills .....	1	3	3	f	D	D	D	D	D	D	D	D
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
332	Fabricated metal product manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
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>LONG VIEW</b>													
31-33	Manufacturing .....	2	23	12	1 402	36 540	1 180	2 162	26 569	94 830	76 363	171 330	2 191
<b>LOUISBURG</b>													
31-33	Manufacturing .....	-	16	4	f	D	D	D	D	D	D	D	D
<b>LUMBERTON</b>													
31-33	Manufacturing .....	-	47	22	3 883	102 376	2 999	6 053	67 497	430 448	321 441	750 233	17 861
312	Beverage and tobacco product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills .....	4	10	5	613	14 358	489	1 000	10 110	21 163	40 353	62 221	D
3132	Fabric mills .....	3	8	4	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	3	6	3	f	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	3	6	3	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>MAIDEN</b>													
31-33	Manufacturing .....	-	28	12	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	14	5	f	D	D	D	D	D	D	D	5 171
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	13	5	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	13	5	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	-	8	4	f	D	D	D	D	D	D	D	D
<b>MARION</b>													
31-33	Manufacturing .....	4	24	10	4 402	116 401	3 374	3 870	80 667	206 598	220 691	425 300	13 533
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
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
325	Chemical manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	9	1	1	h	D	D	D	D	D	D	D	D
<b>MATTHEWS</b>													
31-33	Manufacturing .....	1	46	12	1 529	49 510	960	1 915	25 671	131 250	120 583	253 025	2 490
<b>MAXTON</b>													
31-33	Manufacturing .....	-	8	4	g	D	D	D	D	D	D	D	D
311	Food manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	-	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning .....	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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>MEBANE</b>													
31-33	Manufacturing .....	2	25	17	h	D	D	D	D	D	D	D	32 241
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>MOCKSVILLE</b>													
31-33	Manufacturing .....	1	25	15	2 153	70 686	1 662	3 208	46 898	181 339	192 118	380 251	5 530
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
33391	Pump and compressor manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	4	4	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	4	3	3	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	6	2	2	f	D	D	D	D	D	D	D	D
<b>MONROE</b>													
31-33	Manufacturing .....	-	84	41	7 728	258 475	6 104	12 181	174 677	636 066	902 312	1 561 420	51 391
311	Food manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	3	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	5	4	797	28 433	660	1 401	21 239	1 906	142 544	144 701	D
3261	Plastics product manufacturing ..	-	4	3	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	-	1	1	g	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	-	1	1	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	17	5	702	24 134	555	1 027	17 985	61 674	34 343	95 080	2 512
<b>MOORESVILLE</b>													
31-33	Manufacturing .....	2	56	17	1 675	59 240	1 372	2 722	41 475	198 187	166 992	367 558	23 342
327	Nonmetallic mineral product manufacturing .....	-	3	2	518	18 253	431	876	12 473	91 179	40 024	132 508	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>MORGANTON</b>													
31-33	Manufacturing .....	1	48	29	6 178	180 977	4 896	9 936	128 296	594 882	740 702	1 341 260	38 478
311	Food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
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 .....	—	11	7	1 149	30 491	984	1 754	23 421	91 111	45 628	136 604	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	11	7	1 149	30 491	984	1 754	23 421	91 111	45 628	136 604	D
33712	Household and institutional furniture manufacturing .....	—	11	7	1 149	30 491	984	1 754	23 421	91 111	45 628	136 604	D
337122	Nonupholstered wood household furniture manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	D
<b>MORRISVILLE</b>													
31-33	Manufacturing .....	2	36	12	619	22 890	390	737	12 372	46 622	41 316	88 321	4 181
<b>MOUNT AIRY</b>													
31-33	Manufacturing .....	1	55	24	5 311	132 949	4 340	8 763	96 018	351 214	322 634	676 754	21 709
315	Apparel manufacturing .....	1	14	9	h	D	D	D	D	D	D	D	7 968
3151	Apparel knitting mills .....	1	11	9	h	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	9	7	h	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .....	—	9	7	h	D	D	D	D	D	D	D	D
<b>MOUNT HOLLY</b>													
31-33	Manufacturing .....	—	22	5	832	28 009	709	1 665	20 491	60 679	168 299	226 993	D
313	Textile mills .....	—	5	4	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	—	3	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	—	3	2	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	3	2	f	D	D	D	D	D	D	D	D
<b>MOUNT OLIVE</b>													
31-33	Manufacturing .....	—	4	3	937	33 844	741	1 762	22 098	86 140	93 141	181 983	13 699
311	Food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	—	1	1	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>NEW BERN</b>													
31-33	Manufacturing .....	—	39	11	2 747	105 383	2 178	4 495	72 272	427 909	281 946	712 053	58 070
336	Transportation equipment manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	—	1	1	f	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	—	1	1	f	D	D	D	D	D	D	D	D
336612	Boat building .....	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NEWTON</b>													
31-33	Manufacturing .....	-	54	34	3 846	106 324	3 025	5 641	67 041	257 725	262 258	511 285	10 065
315	Apparel manufacturing .....	-	6	6	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	-	5	5	f	D	D	D	D	D	D	D	1 427
31511	Hosiery and sock mills .....	-	4	4	771	18 583	649	1 305	12 306	73 923	41 232	113 967	D
315119	Other hosiery and sock mills ..	-	4	4	771	18 583	649	1 305	12 306	73 923	41 232	113 967	D
337	Furniture and related product manufacturing .....	-	14	10	1 554	40 644	1 263	2 275	28 767	47 824	66 641	115 045	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	10	9	1 511	39 685	1 227	2 232	28 170	45 962	65 531	112 072	D
33712	Household and institutional furniture manufacturing .....	-	10	9	1 511	39 685	1 227	2 232	28 170	45 962	65 531	112 072	D
337121	Upholstered household furniture manufacturing .....	-	9	9	g	D	D	D	D	D	D	D	D
<b>NORTH WILKESBORO</b>													
31-33	Manufacturing .....	3	25	10	1 549	42 036	1 233	2 335	29 457	113 436	101 864	201 014	6 618
337	Furniture and related product manufacturing .....	1	5	4	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	5	4	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	1	4	4	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>OXFORD</b>													
31-33	Manufacturing .....	9	14	6	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	9	1	1	g	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
<b>PINEVILLE</b>													
31-33	Manufacturing .....	-	26	10	928	35 657	592	1 291	18 544	164 888	120 836	268 344	7 750
<b>RAEFORD</b>													
31-33	Manufacturing .....	2	8	5	g	D	D	D	D	D	D	D	D
311	Food manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	9	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	9	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	9	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>RALEIGH</b>													
31-33	Manufacturing .....	1	321	72	7 437	296 546	4 841	9 376	153 652	1 473 183	1 126 576	2 624 031	63 124
311	Food manufacturing .....	-	15	7	696	19 684	400	727	9 197	218 932	232 602	451 677	D
323	Printing and related support activities .....	2	71	8	670	24 651	479	898	15 992	53 525	22 728	76 288	5 783
3231	Printing and related support activities .....	2	71	8	670	24 651	479	898	15 992	53 525	22 728	76 288	5 783
32311	Printing .....	2	65	8	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	14	6	930	59 742	448	905	22 514	618 097	193 989	815 495	12 350
3254	Pharmaceutical and medicine manufacturing .....	-	6	5	793	50 108	422	851	21 053	591 649	187 355	782 252	D
32541	Pharmaceutical and medicine manufacturing .....	-	6	5	793	50 108	422	851	21 053	591 649	187 355	782 252	D
332	Fabricated metal product manufacturing .....	1	31	11	1 020	36 910	743	1 486	23 477	88 210	53 271	141 002	D

See footnotes at end of table.

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<b>RALEIGH—Con.</b>													
334	Computer and electronic product manufacturing .....	1	40	11	1 524	63 349	992	1 844	31 178	246 227	276 828	544 420	14 807
3344	Semiconductor and other electronic component manufacturing .....	1	13	5	739	26 769	537	1 036	15 599	72 690	88 301	164 072	D
33441	Semiconductor and other electronic component manufacturing .....	1	13	5	739	26 769	537	1 036	15 599	72 690	88 301	164 072	D
335	Electrical equipment, appliance, and component manufacturing .....	—	8	3	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	D
<b>RANDLEMAN</b>													
31-33	Manufacturing .....	1	28	14	1 962	52 726	1 662	3 427	39 827	204 970	125 005	319 019	4 340
337	Furniture and related product manufacturing .....	7	3	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	7	3	2	f	D	D	D	D	D	D	D	D
<b>REIDSVILLE</b>													
31-33	Manufacturing .....	—	34	19	3 029	103 909	2 517	5 120	77 129	813 551	524 573	1 339 926	D
313	Textile mills .....	—	4	4	1 032	27 240	913	1 585	21 706	58 914	158 509	216 775	D
3131	Fiber, yarn, and thread mills .....	—	3	3	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	—	3	3	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	—	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
<b>ROANOKE RAPIDS</b>													
31-33	Manufacturing .....	8	14	3	g	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	9	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	9	2	2	f	D	D	D	D	D	D	D	D
<b>ROCKINGHAM</b>													
31-33	Manufacturing .....	—	20	9	2 139	51 154	1 813	2 465	36 625	226 938	86 442	331 284	7 690
311	Food manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	f	D	D	D	D	D	D	D	D
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
315111	Sheer hosiery mills .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>ROCKY MOUNT</b>													
31-33	Manufacturing .....	—	57	26	6 246	216 098	4 561	9 663	149 407	1 164 074	571 079	1 726 729	19 986
311	Food manufacturing .....	—	3	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	—	3	1	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	—	3	1	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	7	4	g	D	D	D	D	D	D	D	1 649
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

See footnotes at end of table.

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

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<b>ROXBORO</b>													
31-33	Manufacturing .....	-	24	8	2 487	84 335	2 091	4 758	62 055	247 163	263 635	508 161	D
313	Textile mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	1	1	f	D	D	D	D	D	D	D	D
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
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>RUTHERFORDTON</b>													
31-33	Manufacturing .....	-	12	8	1 560	45 968	1 330	2 718	33 590	106 844	106 056	211 250	6 050
<b>SALISBURY</b>													
31-33	Manufacturing .....	2	65	35	3 063	102 557	2 315	4 503	66 491	209 526	349 400	557 135	31 527
313	Textile mills .....	7	3	2	f	D	D	D	D	D	D	D	D
<b>SANFORD</b>													
31-33	Manufacturing .....	-	59	27	6 070	211 352	4 323	8 759	116 116	885 992	1 012 175	1 899 555	D
313	Textile mills .....	-	7	6	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	6	5	816	23 160	716	1 481	17 262	43 389	189 932	238 001	3 753
31311	Fiber, yarn, and thread mills .....	-	6	5	816	23 160	716	1 481	17 262	43 389	189 932	238 001	3 753
313111	Yarn spinning mills .....	-	6	5	816	23 160	716	1 481	17 262	43 389	189 932	238 001	3 753
325	Chemical manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	3	3	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	9	3	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
332998	Enameled iron and metal sanitary ware manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>SHELBY</b>													
31-33	Manufacturing .....	-	49	25	2 991	105 379	2 225	5 176	61 201	298 166	314 119	611 931	D
325	Chemical manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.



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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SILER CITY</b>													
31-33	Manufacturing .....	1	19	12	3 465	70 622	3 144	5 695	58 154	164 541	271 685	437 581	3 453
311	Food manufacturing .....	-	3	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 .....	1	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
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>SMITHFIELD</b>													
31-33	Manufacturing .....	1	29	13	1 754	51 388	1 175	2 336	25 943	105 359	128 518	234 345	D
334	Computer and electronic product manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>SPINDALE</b>													
31-33	Manufacturing .....	-	14	6	1 625	44 377	1 384	2 749	33 814	119 214	121 602	241 602	5 018
313	Textile mills .....	-	3	3	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
332	Fabricated metal product manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>STATESVILLE</b>													
31-33	Manufacturing .....	-	112	55	7 265	247 418	5 422	11 428	150 920	1 127 088	1 151 670	2 273 440	52 038
313	Textile mills .....	3	14	8	734	22 793	626	1 273	16 191	54 675	52 771	108 656	3 846
3132	Fabric mills .....	-	10	6	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	12	7	907	25 985	720	1 559	16 097	92 314	72 070	165 575	5 142
3261	Plastics product manufacturing .....	-	8	5	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	10	7	968	34 420	737	1 662	20 717	112 149	79 696	186 725	2 520
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
335312	Motor and generator 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
3363	Motor vehicle parts manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	-	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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>STATESVILLE—Con.</b>													
339	Miscellaneous manufacturing .....	6	8	3	f	D	D	D	D	D	D	D	2 832
3391	Medical equipment and supplies manufacturing .....	7	5	2	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	7	5	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
<b>TARBORO</b>													
31-33	Manufacturing .....	2	28	18	4 226	113 552	3 424	6 951	79 033	373 771	466 172	845 888	30 222
311	Food manufacturing .....	—	2	1	f	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
311813	Frozen cakes, pies, and other pastries manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	8	5	4	674	15 625	601	1 156	11 918	32 400	36 022	70 419	D
3132	Fabric mills .....	8	4	3	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	9	2	2	f	D	D	D	D	D	D	D	D
<b>THOMASVILLE</b>													
31-33	Manufacturing .....	1	104	36	i	D	D	D	D	D	D	D	16 502
337	Furniture and related product manufacturing .....	—	33	8	2 902	81 999	2 434	4 289	58 279	179 988	120 803	300 886	3 564
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	21	6	2 766	78 765	2 308	4 056	55 471	173 868	113 686	287 652	D
33712	Household and institutional furniture manufacturing .....	—	20	6	h	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	—	7	2	g	D	D	D	D	D	D	D	D
<b>TROY</b>													
31-33	Manufacturing .....	—	14	8	1 036	27 117	867	1 814	20 151	63 766	66 256	129 193	1 724
<b>VALDESE</b>													
31-33	Manufacturing .....	3	21	12	3 425	104 644	2 347	4 841	56 782	283 668	191 718	473 624	D
311	Food manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	—	5	4	963	26 841	739	1 487	16 724	63 349	60 566	125 648	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
339	Miscellaneous manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>WADESBORO</b>													
31-33	Manufacturing .....	—	15	4	f	D	D	D	D	D	D	D	3 917
<b>WALLACE</b>													
31-33	Manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
<b>WASHINGTON</b>													
31-33	Manufacturing .....	—	30	9	g	D	D	D	D	D	D	D	D
313	Textile mills .....	—	2	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	—	1	1	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	7	4	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>WENDELL</b>													
31-33	Manufacturing .....	2	15	6	g	D	D	D	D	D	D	D	D
<b>WILKESBORO</b>													
31-33	Manufacturing .....	—	32	14	4 187	95 125	3 810	7 491	80 813	527 625	341 686	873 237	D
311	Food manufacturing .....	—	6	5	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	5	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	5	4	h	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	3	3	h	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	5	5	4	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	4	3	3	f	D	D	D	D	D	D	D	D
<b>WILMINGTON</b>													
31-33	Manufacturing .....	2	133	23	5 078	257 866	3 526	6 993	170 463	759 026	460 995	1 250 534	21 490
325	Chemical manufacturing .....	8	5	2	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ..	8	5	2	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	8	2	2	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ....	8	2	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	11	4	1 095	52 407	639	1 270	31 731	122 325	51 269	185 252	7 015
3272	Glass and glass product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	—	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>WILSON</b>													
31-33	Manufacturing .....	—	66	33	7 936	295 395	6 103	13 104	197 202	4 599 819	1 015 978	5 618 465	93 566
311	Food manufacturing .....	2	6	5	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	1	3	2	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying .....	—	2	1	f	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying .....	—	2	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	57 647
3254	Pharmaceutical and medicine manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	4	4	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	9	6	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ..	—	4	3	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	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	9	4	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>WINSTON-SALEM</b>													
31-33	Manufacturing .....	1	'233	'89	j	D	D	D	D	D	D	D	'94 505
311	Food manufacturing .....	—	19	10	831	29 308	547	1 074	17 026	114 727	247 639	365 857	3 552
3118	Bakeries and tortilla manufacturing .....	1	16	7	f	D	D	D	D	D	D	D	1 517
312	Beverage and tobacco product manufacturing .....	—	5	4	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	—	11	6	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	—	5	3	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	—	5	3	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	—	2	2	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	3	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	5	8	4	g	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	2	2	g	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	1	1	f	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	1	1	f	D	D	D	D	D	D	D	D
315192	Underwear and nightwear knitting mills .....	—	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	8	4	2	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	'12	'10	'3 058	'120 416	'2 159	'4 181	'78 329	'348 773	'315 211	'669 285	D
3222	Converted paper product manufacturing .....	—	'12	'10	'3 058	'120 416	'2 159	'4 181	'78 329	'348 773	'315 211	'669 285	D
32221	Paperboard container manufacturing .....	—	'6	'6	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	3	1	g	D	D	D	D	D	D	D	D
322225	Laminated aluminum foil manufacturing for flexible packaging uses .....	—	1	1	g	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	1	'39	'12	'886	'29 020	'657	'1 137	'17 931	'80 341	'25 441	'105 660	'3 960
3231	Printing and related support activities .....	1	'39	'12	'886	'29 020	'657	'1 137	'17 931	'80 341	'25 441	'105 660	'3 960
32311	Printing .....	1	'33	'10	'813	'25 136	'612	'1 037	'15 647	'72 088	'23 605	'95 585	'3 646
332	Fabricated metal product manufacturing .....	1	27	11	1 256	44 123	1 054	2 228	33 053	'142 447	178 418	318 584	4 842
335	Electrical equipment, appliance, and component manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
33591	Battery manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	1	10	3	f	D	D	D	D	D	D	D	776
339	Miscellaneous manufacturing .....	'1	'33	'4	f	D	D	D	D	D	D	D	'10 759
3391	Medical equipment and supplies manufacturing .....	—	18	2	643	23 882	456	928	12 665	76 444	39 183	116 346	D
33911	Medical equipment and supplies manufacturing .....	—	18	2	643	23 882	456	928	12 665	76 444	39 183	116 346	D
339112	Surgical and medical instrument manufacturing ..	—	4	2	f	D	D	D	D	D	D	D	D
<b>WINTERVILLE</b>													
31-33	Manufacturing .....	5	6	4	f	D	D	D	D	D	D	D	2 417
<b>WOODFIN</b>													
31-33	Manufacturing .....	—	23	8	561	14 991	442	891	10 324	41 533	47 806	88 509	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>YADKINVILLE</b>													
31-33	Manufacturing .....	8	9	5	1 014	30 572	861	1 613	21 050	12 588	97 770	124 247	D
313	Textile mills .....	9	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	9	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	9	1	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>ZEBULON</b>													
31-33	Manufacturing .....	—	16	8	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF ALAMANCE COUNTY</b>													
31-33	Manufacturing .....	1	82	39	h	D	D	D	D	D	D	D	13 359
313	Textile mills .....	2	13	12	g	D	D	D	D	D	D	D	3 790
3132	Fabric mills .....	—	8	8	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	—	5	5	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	—	4	4	f	D	D	D	D	D	D	D	D
<b>BALANCE OF ALEXANDER COUNTY</b>													
31-33	Manufacturing .....	2	91	39	4 492	121 479	3 586	6 546	85 462	298 373	283 599	580 115	7 449
337	Furniture and related product manufacturing .....	1	32	20	2 827	78 307	2 189	4 041	53 600	174 896	157 343	329 865	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	20	12	2 498	69 840	1 962	3 580	48 188	160 735	147 792	306 179	D
33712	Household and institutional furniture manufacturing .....	1	19	12	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	1	18	12	g	D	D	D	D	D	D	D	D
<b>BALANCE OF ALLEGHANY COUNTY</b>													
31-33	Manufacturing .....	6	20	8	1 156	29 034	951	1 882	21 218	112 051	149 438	262 039	1 542
<b>BALANCE OF ANSON COUNTY</b>													
31-33	Manufacturing .....	—	17	8	g	D	D	D	D	D	D	D	4 295
313	Textile mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF ASHE COUNTY</b>													
31-33	Manufacturing .....	1	32	9	1 177	38 619	820	1 421	18 567	103 142	136 760	237 708	14 565
<b>BALANCE OF BEAUFORT COUNTY</b>													
31-33	Manufacturing .....	—	32	8	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF BERTIE COUNTY</b>													
31-33	Manufacturing .....	—	18	7	2 227	47 762	2 045	4 492	41 377	172 147	164 963	340 776	3 344
311	Food manufacturing .....	—	5	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	—	1	1	g	D	D	D	D	D	D	D	D

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 BLADEN COUNTY</b>													
31-33	Manufacturing .....	-	25	15	5 861	140 968	5 338	11 384	116 020	282 787	805 967	1 080 224	D
311	Food manufacturing .....	-	7	4	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	4	1	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	4	1	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	-	3	1	h	D	D	D	D	D	D	D	D
<b>BALANCE OF BRUNSWICK COUNTY</b>													
31-33	Manufacturing .....	4	67	24	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	7	4	3	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	7	4	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF BUNCOMBE COUNTY</b>													
31-33	Manufacturing .....	-	158	65	8 101	273 465	5 764	11 727	160 627	728 726	1 140 176	1 869 625	51 766
313	Textile mills .....	-	5	4	1 175	37 008	962	2 129	24 925	95 140	77 220	174 621	D
3132	Fabric mills .....	-	4	4	g	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
326	Plastics and rubber products manufacturing .....	-	12	9	1 114	30 669	867	1 704	23 371	74 653	86 278	161 922	D
3261	Plastics product manufacturing ..	-	11	8	f	D	D	D	D	D	D	D	4 759
332	Fabricated metal product manufacturing .....	-	30	11	558	16 909	421	739	11 530	40 445	16 800	56 400	1 231
333	Machinery manufacturing .....	-	26	11	963	35 144	602	1 113	19 869	160 640	167 278	327 218	D
334	Computer and electronic product manufacturing .....	1	8	6	g	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media .....	-	2	2	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media .....	-	2	2	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	1	5	4	974	35 069	659	1 485	18 131	120 003	137 568	257 332	3 642
3353	Electrical equipment manufacturing .....	1	4	4	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	1	4	4	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 .....	1	24	6	587	20 952	434	899	11 849	94 589	95 714	190 456	4 208
<b>BALANCE OF BURKE COUNTY</b>													
31-33	Manufacturing .....	1	89	26	h	D	D	D	D	D	D	D	39 444
315	Apparel manufacturing .....	-	17	6	917	21 507	478	775	5 869	52 705	26 638	79 835	3 946
3151	Apparel knitting mills .....	-	13	5	837	20 655	403	683	5 154	51 496	26 383	78 380	D
31511	Hosiery and sock mills .....	-	13	5	837	20 655	403	683	5 154	51 496	26 383	78 380	D
315119	Other hosiery and sock mills ..	-	11	5	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	16	8	g	D	D	D	D	D	D	D	1 707
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	13	7	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	13	7	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	7	4	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 CABARRUS COUNTY</b>													
31-33	Manufacturing .....	-	53	18	1 624	60 537	1 096	2 336	30 340	210 453	142 799	364 368	17 970
327	Nonmetallic mineral product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF CALDWELL COUNTY</b>													
31-33	Manufacturing .....	-	29	12	796	23 592	641	1 211	15 326	44 970	50 003	94 950	1 635
<b>BALANCE OF CARTERET COUNTY</b>													
31-33	Manufacturing .....	1	28	5	805	18 317	687	1 366	14 035	38 689	59 729	96 789	2 810
<b>BALANCE OF CATAWBA COUNTY</b>													
31-33	Manufacturing .....	1	126	64	9 418	269 044	7 658	13 943	183 954	967 579	869 574	1 827 342	31 109
311	Food manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	1	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	6	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	9	8	885	24 307	767	1 379	17 613	112 473	120 799	235 209	3 295
3261	Plastics product manufacturing ..	-	8	8	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	-	1	1	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	-	1	1	f	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	1	4	4	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	1	3	3	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	1	3	3	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	53	28	3 975	101 549	3 360	6 179	74 020	329 486	210 665	525 856	8 837
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	32	17	3 212	84 649	2 664	4 939	60 249	291 003	187 486	463 959	7 588
33712	Household and institutional furniture manufacturing .....	-	27	15	h	D	D	D	D	D	D	D	7 555
337121	Upholstered household furniture manufacturing ....	-	20	13	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	-	21	11	763	16 900	696	1 240	13 771	38 483	23 179	61 897	1 249
33721	Office furniture (including fixtures) manufacturing .....	-	21	11	763	16 900	696	1 240	13 771	38 483	23 179	61 897	1 249

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)	
		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>BALANCE OF CHATHAM COUNTY</b>													
31-33	Manufacturing .....	3	62	21	2 832	95 406	2 380	4 723	72 890	223 512	353 161	576 599	12 338
311	Food manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	13	5	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	7	4	2	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	7	2	2	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF CHEROKEE COUNTY</b>													
31-33	Manufacturing .....	1	27	8	1 282	37 833	1 017	2 022	25 489	111 118	111 223	211 716	5 635
<b>BALANCE OF CLEVELAND COUNTY</b>													
31-33	Manufacturing .....	2	82	30	6 627	210 311	5 624	10 278	157 873	607 607	557 144	1 157 131	38 358
313	Textile mills .....	9	12	5	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	9	7	3	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	9	5	3	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	9	5	3	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
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 .....	—	8	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media .....	—	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media ..	—	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	6	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	2	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 COLUMBUS COUNTY</b>													
31-33	Manufacturing .....	5	25	14	2 344	100 124	1 699	3 577	66 251	343 511	358 495	702 106	19 917
321	Wood product manufacturing .....	—	6	3	669	25 524	599	1 399	21 972	51 339	115 027	165 556	D
322	Paper manufacturing .....	9	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	9	2	1	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	9	2	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	9	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]

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF CRAVEN COUNTY</b>													
31-33	Manufacturing .....	-	29	8	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	8	2	g	D	D	D	D	D	D	D	880
3329	Other fabricated metal product manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing ....	-	1	1	g	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF CUMBERLAND COUNTY</b>													
31-33	Manufacturing .....	-	49	23	h	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
335314	Relay and industrial control manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
<b>BALANCE OF DAVIDSON COUNTY</b>													
31-33	Manufacturing .....	2	145	52	6 293	189 676	5 164	9 501	130 453	457 726	541 712	998 555	25 435
326	Plastics and rubber products manufacturing .....	6	8	5	811	23 874	622	1 305	15 887	76 538	62 002	137 805	6 642
3261	Plastics product manufacturing ..	6	7	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	7	5	4	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	6	4	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	9	3	1 176	48 801	991	1 793	35 565	130 556	78 916	210 510	D
3272	Glass and glass product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	5	20	7	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	3	26	8	1 643	39 712	1 391	2 453	28 209	83 995	71 685	157 351	2 491
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	6	16	3	894	20 759	775	1 446	17 105	44 981	24 915	71 149	D
33712	Household and institutional furniture manufacturing .....	6	12	3	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	9	8	1	f	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
33791	Mattress manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
337910	Mattress manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF DAVIE COUNTY</b>													
31-33	Manufacturing .....	2	27	8	1 221	28 441	807	1 499	14 598	68 498	56 756	124 469	4 110

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF DUPLIN COUNTY</b>													
31-33	Manufacturing .....	3	25	8	2 509	59 618	2 055	4 147	40 840	158 897	211 132	372 741	6 498
311	Food manufacturing .....	—	4	3	1 237	28 208	1 050	2 284	21 370	98 521	132 245	224 990	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 .....	8	3	3	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	8	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	8	2	2	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF DURHAM COUNTY</b>													
31-33	Manufacturing .....	1	36	13	16 580	937 016	2 822	5 886	113 735	1 676 108	490 313	2 175 616	179 659
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
31323	Nonwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	2	8	3	999	70 734	683	1 221	32 974	1 166 856	108 181	1 235 931	D
3254	Pharmaceutical and medicine manufacturing .....	2	4	3	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	2	4	3	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	2	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	4	2	j	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	—	1	1	j	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing .....	—	1	1	j	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	—	1	1	j	D	D	D	D	D	D	D	D
<b>BALANCE OF EDGECOMBE COUNTY</b>													
31-33	Manufacturing .....	—	16	8	2 014	71 994	1 622	3 606	52 753	226 326	522 135	748 411	D
333	Machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF FORSYTH COUNTY</b>													
31-33	Manufacturing .....	—	73	21	i	D	D	D	D	D	D	D	32 579
312	Beverage and tobacco product manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF FRANKLIN COUNTY</b>													
31-33	Manufacturing .....	—	47	16	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF GASTON COUNTY</b>													
31-33	Manufacturing .....	-	117	38	4 874	155 360	4 023	7 679	114 635	308 543	964 081	1 273 736	41 048
313	Textile mills .....	-	8	7	1 688	45 384	1 490	3 275	36 234	92 554	218 099	309 300	13 955
3131	Fiber, yarn, and thread mills .....	-	5	5	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	5	5	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	4	4	1 403	35 622	1 265	2 826	30 168	78 169	168 978	240 062	D
332	Fabricated metal product manufacturing .....	2	41	7	640	18 661	526	965	13 269	30 440	19 723	50 295	4 748
336	Transportation equipment manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
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
<b>BALANCE OF GRAHAM COUNTY</b>													
31-33	Manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	287
337	Furniture and related product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF GRANVILLE COUNTY</b>													
31-33	Manufacturing .....	1	36	22	h	D	D	D	D	D	D	D	D
313	Textile mills .....	-	4	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	8	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF GUILFORD COUNTY</b>													
31-33	Manufacturing .....	-	113	42	5 558	196 295	4 252	7 525	125 779	2 061 827	758 761	2 817 313	44 338
325	Chemical manufacturing .....	-	11	5	1 611	72 637	1 222	2 250	48 710	1 735 753	376 422	2 113 125	17 608
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	7	5	645	18 828	539	1 156	13 916	58 072	66 694	125 699	16 984
3261	Plastics product manufacturing ..	-	7	5	645	18 828	539	1 156	13 916	58 072	66 694	125 699	16 984
336	Transportation equipment manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF HALIFAX COUNTY</b>													
31-33	Manufacturing .....	4	31	13	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 HENDERSON COUNTY</b>													
31-33	Manufacturing .....	-	65	20	3 831	158 236	3 037	6 412	115 185	420 665	477 901	910 296	21 941
335	Electrical equipment, appliance, and component manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing .....	-	1	1	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
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
337	Furniture and related product manufacturing .....	-	9	2	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF HERTFORD COUNTY</b>													
31-33	Manufacturing .....	1	14	6	670	34 179	529	1 205	26 202	114 689	281 212	395 675	6 971
<b>BALANCE OF HOKE COUNTY</b>													
31-33	Manufacturing .....	-	4	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	-	2	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ..	-	1	1	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF IREDELL COUNTY</b>													
31-33	Manufacturing .....	2	107	41	3 939	123 251	2 988	5 964	80 452	433 082	299 189	728 813	11 959
326	Plastics and rubber products manufacturing .....	6	7	4	530	15 344	344	597	8 437	38 818	45 057	84 844	3 000
3261	Plastics product manufacturing ..	6	6	4	f	D	D	D	D	D	D	D	D
<b>BALANCE OF JACKSON COUNTY</b>													
31-33	Manufacturing .....	-	25	6	540	17 087	441	925	12 172	56 378	38 252	95 115	2 902
<b>BALANCE OF JOHNSTON COUNTY</b>													
31-33	Manufacturing .....	1	61	21	2 889	121 457	1 747	3 698	60 752	522 772	487 819	957 778	D
325	Chemical manufacturing .....	2	5	3	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	2	3	3	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	2	3	3	g	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF LEE COUNTY</b>													
31-33	Manufacturing .....	-	39	24	2 920	91 795	2 216	4 479	55 120	195 245	222 219	424 792	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
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

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 LENOIR COUNTY</b>													
31-33	Manufacturing .....	-	27	8	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF LINCOLN COUNTY</b>													
31-33	Manufacturing .....	2	76	24	2 782	80 342	2 263	4 709	54 519	187 245	209 340	394 732	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
337	Furniture and related product manufacturing .....	-	9	5	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MCDOWELL COUNTY</b>													
31-33	Manufacturing .....	-	36	19	3 259	87 672	2 719	5 349	67 442	324 622	312 238	627 650	6 831
313	Textile mills .....	-	3	3	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
313113	Thread mills .....	-	1	1	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 .....	-	1	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	-	1	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MACON COUNTY</b>													
31-33	Manufacturing .....	-	23	4	544	15 555	403	774	9 658	49 935	49 480	98 604	D
<b>BALANCE OF MADISON COUNTY</b>													
31-33	Manufacturing .....	-	19	4	797	22 114	535	906	11 754	51 805	28 672	80 303	D
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	-	2	2	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MARTIN COUNTY</b>													
31-33	Manufacturing .....	-	15	5	1 280	34 480	1 116	2 487	26 652	127 353	82 560	206 093	D
313	Textile mills .....	-	3	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF MECKLENBURG COUNTY</b>													
31-33	Manufacturing .....	1	52	25	3 126	132 223	1 729	3 016	63 987	338 802	322 801	655 276	27 602
311	Food manufacturing .....	-	3	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF MITCHELL COUNTY</b>													
31-33	Manufacturing .....	-	33	8	1 297	31 877	1 145	1 987	25 837	75 170	57 949	132 677	4 860
337	Furniture and related product manufacturing .....	-	6	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	6	3	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
337122	Nonupholstered wood household furniture manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MONTGOMERY COUNTY</b>													
31-33	Manufacturing .....	1	58	31	3 703	100 888	3 087	5 932	72 870	246 275	224 597	469 990	19 158
315	Apparel manufacturing .....	-	12	6	g	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	-	9	5	1 128	25 776	1 045	2 286	22 049	76 144	39 455	115 059	D
31511	Hosiery and sock mills .....	-	9	5	1 128	25 776	1 045	2 286	22 049	76 144	39 455	115 059	D
315119	Other hosiery and sock mills .....	-	9	5	1 128	25 776	1 045	2 286	22 049	76 144	39 455	115 059	D
321	Wood product manufacturing .....	-	9	7	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	6	13	7	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MOORE COUNTY</b>													
31-33	Manufacturing .....	-	42	12	1 323	31 309	1 047	2 173	21 392	83 356	190 429	279 806	2 016
<b>BALANCE OF NASH COUNTY</b>													
31-33	Manufacturing .....	1	41	17	1 067	27 164	803	1 300	17 172	72 463	93 514	163 485	D
<b>BALANCE OF NEW HANOVER COUNTY</b>													
31-33	Manufacturing .....	-	77	14	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	9 325
<b>BALANCE OF ONSLOW COUNTY</b>													
31-33	Manufacturing .....	-	25	8	1 311	32 924	1 072	2 130	23 526	37 364	140 290	177 419	D
311	Food manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF PERSON COUNTY</b>													
31-33	Manufacturing .....	-	16	5	1 331	55 648	902	2 112	26 525	301 359	652 468	935 709	D
<b>BALANCE OF PITT COUNTY</b>													
31-33	Manufacturing .....	-	36	16	2 337	84 783	1 878	4 015	62 279	270 188	336 590	619 448	15 566
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 POLK COUNTY</b>													
31-33	Manufacturing .....	1	24	9	630	17 939	512	996	12 461	32 875	76 631	109 449	1 893

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF RANDOLPH COUNTY</b>													
31-33	Manufacturing .....	2	166	52	5 336	141 197	4 238	7 880	97 056	326 490	385 178	717 910	39 611
313	Textile mills .....	—	5	4	962	26 573	868	1 903	22 085	43 727	77 339	132 836	D
3132	Fabric mills .....	—	4	3	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
337	Furniture and related product manufacturing .....	1	44	17	1 773	36 698	1 368	2 395	24 084	81 080	82 385	161 193	14 301
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	32	11	1 524	31 313	1 202	2 081	20 449	71 230	75 173	144 148	14 182
33712	Household and institutional furniture manufacturing .....	—	21	9	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	1	16	7	f	D	D	D	D	D	D	D	D
<b>BALANCE OF RICHMOND COUNTY</b>													
31-33	Manufacturing .....	1	25	10	g	D	D	D	D	D	D	D	D
313	Textile mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	1	1	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>BALANCE OF ROBESON COUNTY</b>													
31-33	Manufacturing .....	—	25	14	3 443	78 739	2 862	5 393	55 658	186 308	261 097	435 669	D
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
313	Textile mills .....	—	3	3	571	14 791	491	996	10 413	27 563	32 362	60 542	D
3132	Fabric mills .....	—	3	3	571	14 791	491	996	10 413	27 563	32 362	60 542	D
31324	Knit fabric mills .....	—	2	2	f	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	—	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF ROCKINGHAM COUNTY</b>													
31-33	Manufacturing .....	—	69	29	5 748	160 531	5 048	9 608	129 712	416 266	640 392	1 057 038	23 691
313	Textile mills .....	—	13	12	3 558	100 822	3 236	5 921	85 809	261 738	529 705	801 028	D
3131	Fiber, yarn, and thread mills .....	—	10	9	h	D	D	D	D	D	D	D	6 854
31311	Fiber, yarn, and thread mills .....	—	10	9	h	D	D	D	D	D	D	D	6 854
313111	Yarn spinning mills .....	—	4	4	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	—	6	5	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	3	3	g	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
323	Printing and related support activities .....	—	5	2	f	D	D	D	D	D	D	D	627
3231	Printing and related support activities .....	—	5	2	f	D	D	D	D	D	D	D	627
32311	Printing .....	—	5	2	f	D	D	D	D	D	D	D	627
323113	Commercial screen printing .....	—	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			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 ROWAN COUNTY</b>													
31-33	Manufacturing .....	-	109	44	8 651	274 831	7 298	13 008	210 709	729 450	2 559 339	3 286 333	88 214
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
325	Chemical manufacturing .....	-	6	2	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
326	Plastics and rubber products manufacturing .....	-	8	7	851	28 124	662	1 320	19 141	67 002	46 557	114 357	4 801
3262	Rubber product manufacturing ...	-	5	5	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use .....	-	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	10	7	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	6	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
<b>BALANCE OF RUTHERFORD COUNTY</b>													
31-33	Manufacturing .....	1	34	12	1 707	50 048	1 394	2 893	36 729	150 492	143 065	292 084	13 966
337	Furniture and related product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF SAMPSON COUNTY</b>													
31-33	Manufacturing .....	2	32	15	1 596	43 683	1 274	2 593	29 057	115 251	268 013	382 500	4 596
311	Food manufacturing .....	3	8	4	f	D	D	D	D	D	D	D	3 010
<b>BALANCE OF SCOTLAND COUNTY</b>													
31-33	Manufacturing .....	-	20	13	4 136	122 572	3 659	7 673	97 366	407 990	385 065	795 128	18 109
313	Textile mills .....	-	4	4	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	2	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	2	2	f	D	D	D	D	D	D	D	D
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
314	Textile product mills .....	-	4	3	1 479	40 522	1 398	3 010	36 977	218 243	178 459	391 362	D
3141	Textile furnishings mills .....	-	2	2	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	4	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
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	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 STANLY COUNTY</b>													
31-33	Manufacturing .....	-	73	26	3 332	110 230	2 680	5 383	78 198	218 644	342 439	572 929	16 215
321	Wood product manufacturing .....	-	10	6	1 026	31 219	836	1 683	23 050	76 016	111 549	187 570	6 815
3219	Other wood product manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF STOKES COUNTY</b>													
31-33	Manufacturing .....	5	23	5	840	26 535	719	1 380	20 078	59 161	120 228	180 631	2 492
<b>BALANCE OF SURRY COUNTY</b>													
31-33	Manufacturing .....	1	64	20	h	D	D	D	D	D	D	D	D
311	Food manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF TRANSYLVANIA COUNTY</b>													
31-33	Manufacturing .....	8	20	8	g	D	D	D	D	D	D	D	7 173
<b>BALANCE OF UNION COUNTY</b>													
31-33	Manufacturing .....	1	58	16	2 366	58 667	1 958	3 847	42 724	168 476	255 075	425 292	7 162
311	Food manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	3	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	3	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	2	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	4	7	5	f	D	D	D	D	D	D	D	D
<b>BALANCE OF VANCE COUNTY</b>													
31-33	Manufacturing .....	-	19	9	g	D	D	D	D	D	D	D	14 121
<b>BALANCE OF WAKE COUNTY</b>													
31-33	Manufacturing .....	-	108	18	2 253	94 980	1 494	2 890	46 675	325 873	324 258	647 886	11 123
334	Computer and electronic product manufacturing .....	-	6	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	-	2	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF WARREN COUNTY</b>													
31-33	Manufacturing .....	1	11	6	537	14 087	474	1 050	10 628	30 167	46 165	76 445	666

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 WASHINGTON COUNTY</b>													
31-33	Manufacturing .....	-	3	2	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
<b>BALANCE OF WAYNE COUNTY</b>													
31-33	Manufacturing .....	-	34	12	4 564	129 368	4 018	9 339	101 226	562 122	305 346	854 933	19 193
311	Food manufacturing .....	-	6	3	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	5	3	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	5	3	h	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	2	2	h	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF WILKES COUNTY</b>													
31-33	Manufacturing .....	-	41	12	920	30 373	778	1 543	23 346	108 913	136 554	242 684	D
321	Wood product manufacturing .....	-	10	5	f	D	D	D	D	D	D	D	1 580
<b>BALANCE OF WILSON COUNTY</b>													
31-33	Manufacturing .....	-	29	10	925	34 830	772	1 651	27 084	110 947	97 411	207 115	11 195
<b>BALANCE OF YADKIN COUNTY</b>													
31-33	Manufacturing .....	-	33	12	1 553	40 559	1 337	2 351	29 796	100 067	264 884	363 195	D
313	Textile mills .....	-	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills .....	-	2	2	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF YANCEY COUNTY</b>													
31-33	Manufacturing .....	-	19	8	1 007	26 908	858	1 561	22 561	50 597	102 094	155 065	3 084
313	Textile mills .....	-	2	2	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 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>NORTH CAROLINA</b>	
Companies <sup>1</sup> .....	N
All establishments <sup>2</sup> .....	'10 762
Establishments with 1 to 19 employees .....	6 787
Establishments with 20 to 99 employees .....	'2 524
Establishments with 100 employees or more .....	'1 451
All employees <sup>3</sup> .....	'623 333
Total compensation .....	'26 167 730
Annual payroll .....	'20 647 572
Total fringe benefits .....	'5 520 158
Production workers, average for year .....	'472 229
Production workers on March 12 .....	'474 005
Production workers on May 12 .....	'475 815
Production workers on August 12 .....	'472 419
Production workers on November 12 .....	'465 749
Production worker hours .....	'927 354
Production worker wages .....	'13 046 853
Total cost of materials .....	'69 444 611
Materials, parts, containers, packaging, etc., used .....	'61 747 213
Resales .....	'4 135 802
Purchased fuels .....	'798 538
Purchased electricity .....	'1 543 287
Contract work .....	'1 219 771
Quantity of electricity purchased for heat and power .....	'31 792 301
Quantity of electricity generated less sold for heat and power .....	1 488 780
Total value of shipments .....	'156 821 943
Value of resales .....	'5 241 074
Value added .....	'87 355 207
Total inventories, beginning of year .....	'15 868 085
Finished goods inventories .....	'5 792 433
Work-in-process inventories .....	'3 183 350
Materials and supplies inventories .....	'6 892 302
Total inventories, end of year .....	'15 700 248
Finished goods inventories .....	'5 743 156
Work-in-process inventories .....	'3 212 569
Materials and supplies inventories .....	'6 744 523
Gross value of depreciable assets (acquisition costs) at beginning of year .....	'60 835 292
Total capital expenditures (new and used) .....	'4 428 770
Buildings and other structures (new and used) .....	'844 026
Machinery and equipment (new and used) .....	'3 584 744
Automobiles, trucks, etc., for highway use .....	'94 557
Computers and peripheral data processing equipment .....	'260 479
All other expenditures for machinery and equipment .....	'3 229 708
Total retirements .....	'2 864 992
Gross value of depreciable assets at end of year .....	'62 399 070
Depreciation charges during year .....	'3 905 783
Total rental payments .....	'1 103 848
Buildings and other structures .....	'564 871
Machinery and equipment .....	'538 977

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

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

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

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

# Appendix A.

## Explanation of Terms

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### **COMPANY**

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

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

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

### **Establishment**

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

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

### **PAYROLL**

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

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

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

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## **TOTAL FRINGE BENEFITS**

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

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

## **NUMBER OF EMPLOYEES**

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

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

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

### **Production Workers**

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

### **All Other Employees**

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

## **PRODUCTION-WORKER HOURS**

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

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## **COST OF MATERIALS**

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

Included in this item are:

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

### **Specific materials consumed**

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

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

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

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

## **TOTAL VALUE OF SHIPMENTS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **Specialization and coverage ratio**

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

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

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

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

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

### **VALUE ADDED**

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

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

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

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

This item is comprised of:

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

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

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

Inventory valuations include:

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



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

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

Gross value of depreciable/depletable assets includes:

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

Excluded are nondepreciable capital assets including inventories and intangible assets.

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

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

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

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

These data include expenditures for:

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

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

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

## **RETIREMENTS OF DEPRECIABLE ASSETS**

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

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## **RENTAL PAYMENTS**

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

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

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

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

## **DEPRECIATION CHARGES FOR FIXED ASSETS**

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

# Appendix B.

## NAICS Codes, Titles, and Descriptions

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

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

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

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

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

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

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

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

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

### **311 FOOD MANUFACTURING**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **311211 FLOUR MILLING**

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

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

### **311212 RICE MILLING**

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

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

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

### **311213 MALT MANUFACTURING**

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

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

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

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

### **311221 WET CORN MILLING**

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

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### **311222 SOYBEAN PROCESSING**

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

### **311223 OTHER OILSEED PROCESSING**

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

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

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

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

### **31123 BREAKFAST CEREAL MANUFACTURING**

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

### **311230 BREAKFAST CEREAL MANUFACTURING**

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

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

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

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

### **31131 SUGAR MANUFACTURING**

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

### **311311 SUGARCANE MILLS**

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

### **311312 CANE SUGAR REFINING**

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

### **311313 BEET SUGAR MANUFACTURING**

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

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

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

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

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

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

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

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

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

### **31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING**

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

### **311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING**

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

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

This industry group comprises establishments primarily engaged in the following:

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

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

### **31141 FROZEN FOOD MANUFACTURING**

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

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

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

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

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

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

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

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

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

### **311422 SPECIALTY CANNING**

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

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

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

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

## **3115 DAIRY PRODUCT MANUFACTURING**

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

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

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

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

### **311511 FLUID MILK MANUFACTURING**

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

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

### **311512 CREAMERY BUTTER MANUFACTURING**

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



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### **311513 CHEESE MANUFACTURING**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **311615 POULTRY PROCESSING**

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

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

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

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

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

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

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

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

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

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

### **311711 SEAFOOD CANNING**

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

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

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

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

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

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

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

### **3118 BAKERIES AND TORTILLA MANUFACTURING**

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

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

### **31181 BREAD AND BAKERY PRODUCT MANUFACTURING**

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

#### **311811 RETAIL BAKERIES**

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

#### **311812 COMMERCIAL BAKERIES**

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

#### **311813 FROZEN CAKES, PIES, AND OTHER PASTRIES MANUFACTURING**

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

### **31182 COOKIE, CRACKER, AND PASTA MANUFACTURING**

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

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

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

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

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

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

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

#### **311823 DRY PASTA MANUFACTURING**

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

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

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

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

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

### **311823 DRY PASTA MANUFACTURING**

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

### **31183 TORTILLA MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing tortillas.

### **311830 TORTILLA MANUFACTURING**

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

### **3119 OTHER FOOD MANUFACTURING**

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

### **31191 SNACK FOOD MANUFACTURING**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **3121 BEVERAGE MANUFACTURING**

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

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

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

1. Manufacturing soft drinks;

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2. Manufacturing ice; and
  3. Purifying and bottling water.

### **312111 SOFT DRINK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing soft drinks and artificially carbonated waters.

### **312112 BOTTLED WATER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in purifying and bottling water (including naturally carbonated).

### **312113 ICE MANUFACTURING**

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

### **31212 BREWERIES**

This industry comprises establishments primarily engaged in brewing beer, ale, malt liquors, and nonalcoholic beer.

### **312120 BREWERIES**

This U.S. industry comprises establishments primarily engaged in brewing beer, ale, malt liquors, and nonalcoholic beer.

### **31213 WINERIES**

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

1. Growing grapes and manufacturing wine and brandies;
2. Manufacturing wine and brandies from grapes and other fruits grown elsewhere; and
3. Blending wines and brandies.

### **312130 WINERIES**

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

1. Growing grapes and manufacturing wine and brandies;
2. Manufacturing wine and brandies from grapes and other fruits grown elsewhere; and
3. Blending wines and brandies.

### **31214 DISTILLERIES**

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

1. Distilling potable liquors (except brandies);
2. Distilling and blending liquors; and
3. Blending and mixing liquors and other ingredients.

### **312140 DISTILLERIES**

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

1. Distilling potable liquors (except brandies);
2. Distilling and blending liquors; and
3. Blending and mixing liquors and other ingredients.

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### **3122 TOBACCO MANUFACTURING**

This industry group comprises establishments primarily engaged in the stemming and redrying of tobacco, and in the manufacturing of tobacco products.

#### **31221 TOBACCO STEMMING AND REDRYING**

This industry comprises establishments primarily engaged in the stemming and redrying of tobacco.

#### **312210 TOBACCO STEMMING AND REDRYING**

This U.S. industry comprises establishments primarily engaged in the stemming and redrying of tobacco.

#### **31222 TOBACCO PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and reconstituted tobacco.

#### **312221 CIGARETTE MANUFACTURING**

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

#### **312229 OTHER TOBACCO PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing tobacco products (except cigarettes).

### **313 TEXTILE MILLS**

Industries in the Textile Mills subsector group establishments that transform a basic fiber (natural or synthetic) into a product, such as yarn or fabric, that is further manufactured into usable items, such as apparel, sheets towels, and textile bags for individual or industrial consumption. The further manufacturing may be performed in the same establishment and classified in this subsector, or it may be performed at a separate establishment and be classified elsewhere in manufacturing.

The main processes in this subsector include preparation and spinning of fiber, knitting or weaving of fabric, and the finishing of the textile. The NAICS structure follows and captures this process flow. Major industries in this flow, such as preparation of fibers, weaving of fabric, knitting of fabric, and fiber and fabric finishing, are uniquely identified. Texturizing, throwing, twisting, and winding of yarn contains aspects of both fiber preparation and fiber finishing and is classified with preparation of fibers rather than with finishing of fiber.

NAICS separates the manufacturing of primary textiles and the manufacturing of textile products (except apparel) when the textile product is produced from purchased primary textiles, such as fabric. The manufacturing of textile products (except apparel) from purchased fabric is classified in Subsector 314, Textile Product Mills, and apparel from purchased fabric is classified in Subsector 315, Apparel Manufacturing.

Excluded from this subsector are establishments that weave or knit fabric and make garments. These establishments are included in Subsector 315, Apparel Manufacturing.

#### **3131 FIBER, YARN, AND THREAD MILLS**

This NAICS Industry Group include establishments classified in NAICS Industry 31311, Fiber, Yarn, and Thread Mills.

#### **31311 FIBER, YARN, AND THREAD MILLS**

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

1. spinning yarn



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2. manufacturing thread of any fiber
  3. texturizing, throwing, twisting, and winding purchased yarn or manmade fiber filaments
  4. producing hemp yarn and further processing into rope or bags.

### **313111 YARN SPINNING MILLS**

This U.S. industry comprises establishments primarily engaged in spinning yarn from any fiber and/or producing hemp yarn and further processing into rope or bags.

### **313112 YARN TEXTURIZING, THROWING, AND TWISTING MILLS**

This U.S. industry comprises establishments primarily engaged in texturizing, throwing, twisting, spooling, or winding purchased yarns or manmade fiber filaments.

### **313113 THREAD MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing thread (e.g., sewing, hand-knitting, crochet) of all fibers.

### **3132 FABRIC MILLS**

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

1. Broadwoven fabric mills;
2. Narrow fabric mills and schiffli machine embroidery;
3. Nonwoven fabric mills; and
4. Knit fabric mills.

### **31321 BROADWOVEN FABRIC MILLS**

This industry comprises establishments primarily engaged in weaving broadwoven fabrics and felts (except tire fabrics and rugs). Establishments in this industry may weave only, weave and finish, or weave, finish, and further fabricate fabric products.

### **313210 BROADWOVEN FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in weaving broadwoven fabrics and felts (except tire fabrics and rugs). Establishments in this industry may weave only, weave and finish, or weave, finish, and further fabricate fabric products.

### **31322 NARROW FABRIC MILLS AND SCHIFFLI MACHINE EMBROIDERY**

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

1. weaving or braiding narrow fabrics
2. manufacturing Schiffli machine embroideries
3. making fabric-covered elastic yarn and thread.

### **313221 NARROW FABRIC MILLS**

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

1. weaving or braiding narrow fabrics in their final form or initially made in wider widths that are specially constructed for narrower widths and/or
2. making fabric-covered elastic yarn and thread.

Establishments in this industry may weave only; weave and finish; or weave, finish, and further fabricate fabric products.

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### **313222 SCHIFFLI MACHINE EMBROIDERY**

This U.S. industry comprises establishments primarily engaged in manufacturing Schiffli machine embroideries.

### **31323 NONWOVEN FABRIC MILLS**

This industry comprises establishments primarily engaged in manufacturing nonwoven fabrics and felts. Processes used include bonding and/or interlocking fibers by mechanical, chemical, thermal, or solvent means, or by combinations thereof.

### **313230 NONWOVEN FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing nonwoven fabrics and felts. Processes used include bonding and/or interlocking fibers by mechanical, chemical, thermal, or solvent means, or by combinations thereof.

### **31324 KNIT FABRIC MILLS**

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

1. knitting weft (i.e., circular) and warp (i.e., flat) fabric
2. knitting and finishing weft and warp fabric
3. manufacturing lace
4. manufacturing, dyeing, and finishing lace and lace goods. Establishments in this industry may knit only; knit and finish; or knit, finish, and further fabricate fabric products (except apparel).

### **313241 WEFT KNIT FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in knitting weft (i.e., circular) fabric or knitting and finishing weft fabric. Establishments in this industry may knit only; knit and finish; or knit, finish, and further fabricate fabric products (except apparel).

### **313249 OTHER KNIT FABRIC AND LACE MILLS**

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

1. knitting warp (i.e., flat) fabric;
2. knitting and finishing warp fabric;
3. manufacturing lace; or
4. manufacturing, dyeing, or finishing lace and lace goods.

Establishments in this industry may knit only; knit and finish; or knit, finish, and further fabricate fabric products (except apparel).

### **3133 TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS**

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

1. Textile and fabric finishing mills and
2. Fabric coating mills.

### **31331 TEXTILE AND FABRIC FINISHING MILLS**

This industry comprises:

1. establishments primarily engaged in finishing of textiles, fabrics, and apparel
2. establishments of converters who buy fabric goods in the grey, have them finished on contract, and sell at wholesale. Finishing operations include:

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- a. bleaching
  - b. dyeing
  - c. printing (e.g., roller, screen, flock, plisse)
  - d. stonewashing
  - e. other mechanical finishing (preshrinking, shrinking, sponging, calendering, mercerizing, and napping; as well as cleaning, scouring, and the preparation of natural fibers and raw stock).

### **313311 BROADWOVEN FABRIC FINISHING MILLS**

This U.S. industry comprises:

1. Establishments primarily engaged in finishing broadwoven fabrics
2. Establishments of converters who buy broadwoven fabrics in the grey, have them finished on contract, and sell at wholesale.

### **313312 TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS**

This U.S. industry comprises:

1. Establishments primarily engaged in dyeing, bleaching, printing, and other finishing of textiles, apparel, and fabrics (except broadwoven)
2. Establishments of converters who buy fabrics (except broadwoven) in the grey, have them finished on contract, and sell at wholesale. Finishing operations include bleaching, dyeing, printing (e.g., roller, screen, flock, plisse), stonewashing, and other mechanical finishing, such as preshrinking, shrinking, sponging, calendering, mercerizing and napping; as well as cleaning, scouring, and the preparation of natural fibers and raw stock.

### **31332 FABRIC COATING MILLS**

This industry comprises establishments primarily engaged in coating, laminating, varnishing, waxing, and rubberizing textiles and apparel.

### **313320 FABRIC COATING MILLS**

This U.S. industry comprises establishments primarily engaged in coating, laminating, varnishing, waxing, and rubberizing textiles and apparel.

### **314 TEXTILE PRODUCT MILLS**

Industries in the Textile Product Mills subsector group establishments that make textile products (except apparel). With a few exceptions, processes used in these industries are generally cut and sew (i.e., purchasing fabric and cutting and sewing to make nonapparel textile products, such as sheets and towels).

### **3141 TEXTILE FURNISHINGS MILLS**

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

1. Carpet and rug mills and
2. Curtain and linen mills.

### **31411 CARPET AND RUG MILLS**

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

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1. Manufacturing woven, tufted, and other carpets and rugs, such as art squares, floor mattings, needlepunch carpeting, and door mats and mattings, from textile materials or from twisted paper, grasses, reeds, sisal, jute, or rags and/or
  2. Finishing carpets and rugs.

### **314110 CARPET AND RUG MILLS**

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

1. manufacturing woven, tufted, and other carpets and rugs, such as art squares, floor mattings, needlepunch carpeting, and door mats and mattings, from textile materials or from twisted paper, grasses, reeds, sisal, jute, or rags and/or
2. finishing carpets and rugs.

### **31412 CURTAIN AND LINEN MILLS**

This industry comprises establishments primarily engaged in manufacturing household textile products, such as curtains, draperies, linens, bedspreads, sheets, tablecloths, towels, and shower curtains, from purchased materials.

### **314121 CURTAIN AND DRAPERY MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing window curtains and draperies from purchased fabrics or sheet goods. The curtains and draperies may be made on a stock or custom basis for sale to individual retail customers.

### **314129 OTHER HOUSEHOLD TEXTILE PRODUCT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing household textile products (except window curtains and draperies), such as bedspreads, sheets, tablecloths, towels, and shower curtains, from purchased materials.

### **3149 OTHER TEXTILE PRODUCT MILLS**

This industry group comprises establishments primarily engaged in making textile products, (except carpets and rugs, curtains and draperies, and other household textile products) from purchased materials.

### **31491 TEXTILE BAG AND CANVAS MILLS**

This industry comprises establishments primarily engaged in manufacturing textile bags, awnings, tents, and related products from purchased textile fabrics.

### **314911 TEXTILE BAG MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing bags from purchased textile fabrics or yarns.

### **314912 CANVAS AND RELATED PRODUCT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing canvas and canvas-like products, such as awnings, sails, tarpaulins, and tents, from purchased fabrics.

### **31499 ALL OTHER TEXTILE PRODUCT MILLS**

This industry comprises establishments primarily engaged in manufacturing nonapparel textile products (except carpet, rugs, curtains, linens, bags, and canvas products) from purchased materials.

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### **314991 ROPE, CORDAGE, AND TWINE MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from all materials (e.g., abaca, sisal, henequen, hemp, cotton, paper, jute, flax, manmade fibers including glass).

### **314992 TIRE CORD AND TIRE FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing cord and fabric of polyester, rayon, cotton, glass, steel, or other materials for use in reinforcing rubber tires, industrial belting, and similar uses.

### **314999 ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing textile products (except carpets and rugs; curtains and linens; textile bags and canvas products; rope, cordage, and twine; and tire cords and tire fabrics) from purchased materials.

## **315 APPAREL MANUFACTURING**

Industries in the Apparel Manufacturing subsector group establishments with two distinct manufacturing processes:

1. Cut and sew (i.e., purchasing fabric and cutting and sewing to make a garment), and
2. The manufacture of garments in establishments that first knit fabric and then cut and sew the fabric into a garment.

The Apparel Manufacturing subsector includes a diverse range of establishments manufacturing full lines of ready-to-wear apparel and custom apparel: apparel contractors, performing cutting or sewing operations on materials owned by others; jobbers performing entrepreneurial functions involved in apparel manufacture; and tailors, manufacturing custom garments for individual clients are all included. Knitting, when done alone, is classified in the Textile Mills subsector, but when knitting is combined with the production of complete garments, the activity is classified in Apparel Manufacturing.

### **3151 APPAREL KNITTING MILLS**

This industry group comprises establishments primarily engaged in knitting apparel or knitting fabric and then manufacturing apparel. This industry group includes jobbers performing entrepreneurial functions involved in knitting apparel and accessories. Knitting fabric, without manufacturing apparel, is classified in Subsector 313, Textile Mills.

### **31511 HOSIERY AND SOCK MILLS**

This industry comprises establishments primarily engaged in knitting or knitting and finishing hosiery and socks.

#### **315111 SHEER HOSIERY MILLS**

This U.S. industry comprises establishments primarily engaged in knitting or knitting and finishing women's, misses', and girls' full-length and knee-length sheer hosiery (except socks).

#### **315119 OTHER HOSIERY AND SOCK MILLS**

This U.S. industry comprises establishments primarily engaged in knitting or knitting and finishing hosiery (except women's, misses', and girls' sheer hosiery).

### **31519 OTHER APPAREL KNITTING MILLS**

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

1. knitting underwear, outerwear, and/or nightwear;

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2. knitting fabric and manufacturing underwear, outerwear, and/or nightwear; or
  3. knitting, manufacturing, and finishing knit underwear, outerwear, and/or nightwear.

### **315191 OUTERWEAR KNITTING MILLS**

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

1. knitting outerwear;
2. knitting fabric and manufacturing outerwear; and
3. knitting, manufacturing, and finishing knit outerwear.

Examples of products made in knit outerwear mills are shirts, shorts, sweat suits, sweaters, gloves, and pants.

### **315192 UNDERWEAR AND NIGHTWEAR KNITTING MILLS**

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

1. knitting underwear and nightwear;
2. knitting fabric and manufacturing underwear and nightwear; or
3. knitting, manufacturing, and finishing knit underwear and nightwear.

Examples of products produced in underwear and nightwear knitting mills are briefs, underwear T-shirts, pajamas, nightshirts, foundation garments, and panties.

### **3152 CUT AND SEW APPAREL MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing cut and sew apparel from woven fabric or purchased knit fabric. Included in this industry group is a diverse range of establishments manufacturing full lines of ready-to-wear apparel and custom apparel: apparel contractors, performing cutting or sewing operations on materials owned by others; jobbers performing entrepreneurial functions involved in apparel manufacture; and tailors, manufacturing custom garments for individual clients. Establishments weaving or knitting fabric, without manufacturing apparel, are classified in Subsector 313, Textile Mills.

### **31521 CUT AND SEW APPAREL CONTRACTORS**

This industry comprises establishments commonly referred to as contractors primarily engaged in one of the following:

1. cutting materials owned by others for apparel and accessories and/or
2. sewing materials owned by others for apparel and accessories.

### **315211 MEN'S AND BOYS' CUT AND SEW APPAREL CONTRACTORS**

This U.S. industry comprises establishments (commonly referred to as contractors) primarily engaged in:

1. cutting materials owned by others for men's and boys' apparel and/or
2. sewing materials owned by others for men's and boys' apparel.

### **315212 WOMEN'S, GIRLS', AND INFANTS' CUT AND SEW APPAREL CONTRACTORS**

This U.S. industry comprises establishments commonly referred to as contractors primarily engaged in one of the following:

1. cutting materials owned by others for women's, girls', and infants' apparel and accessories and/or
2. sewing materials owned by others for women's, girls', and infants' apparel and accessories.

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### **31522 MEN'S AND BOYS' CUT AND SEW APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing men's and boys' cut and sew apparel from purchased fabric. Men's and boys' clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315221 MEN'S AND BOYS' CUT AND SEW UNDERWEAR AND NIGHTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' underwear and nightwear from purchased fabric. Men's and boys' underwear and nightwear jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are briefs, bathrobes, underwear T-shirts and shorts, nightshirts, and pajamas.

### **315222 MEN'S AND BOYS' CUT AND SEW SUIT, COAT, AND OVERCOAT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' suits, overcoats, sport coats, tuxedos, dress uniforms, and other tailored apparel (except fur and leather) from purchased fabric. Men's and boys' suit, coat, and overcoat jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315223 MEN'S AND BOYS' CUT AND SEW SHIRT (EXCEPT WORK SHIRT) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' outerwear shirts from purchased fabric. Men's and boys' shirt (except work shirt) jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Unisex outerwear shirts, such as T-shirts and sweatshirts that are sized without specific reference to gender (i.e., adult S, M, L, XL) are included in this industry.

### **315224 MEN'S AND BOYS' CUT AND SEW TROUSER, SLACK, AND JEAN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' jeans, dungarees, and other separate trousers and slacks (except work pants) from purchased fabric. Men's and boys' trouser, slack, and jean jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315225 MEN'S AND BOYS' CUT AND SEW WORK CLOTHING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' work shirts, work pants (excluding jeans and dungarees), other work clothing, and washable service apparel from purchased fabric. Men's and boys' work clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are washable service apparel, laboratory coats, work shirts, work pants (except jeans and dungarees), and hospital apparel.

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### **315228 MEN'S AND BOYS' CUT AND SEW OTHER OUTERWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' cut and sew outerwear from purchased fabric (except underwear, nightwear, shirts, suits, overcoats and tailored coats, separate trousers and slacks, and work clothing). Men's and boys' other outerwear jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Unisex sweatpants and similar garments that are sized without specific reference to gender (i.e., adult S, M, L, XL) are also included in this industry. Examples of products made by these establishments are athletic clothing (except athletic uniforms), bathing suits, down coats, outerwear shorts, windbreakers and jackets, and jogging suits.

### **31523 WOMEN'S AND GIRLS' CUT AND SEW APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing women's and girls' apparel from purchased fabric. Women's and girls' clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315231 WOMEN'S AND GIRLS' CUT AND SEW LINGERIE, LOUNGEWEAR, AND NIGHTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' bras, girdles, and other underwear; lingerie; loungewear; and nightwear from purchased fabric. Women's and girls' lingerie, loungewear, and nightwear jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are bathrobes, foundation garments, nightgowns, pajamas, panties, and slips.

### **315232 WOMEN'S AND GIRLS' CUT AND SEW BLOUSE AND SHIRT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' blouses and shirts from purchased fabric. Women's and girls' blouse and shirt jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315233 WOMEN'S AND GIRLS' CUT AND SEW DRESS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' dresses from purchased fabric. Women's and girls' dress jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315234 WOMEN'S AND GIRLS' CUT AND SEW SUIT, COAT, TAILORED JACKET, AND SKIRT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' suits, pantsuits, skirts, tailored jackets, vests, raincoats, and other tailored coats, (except fur and leather coats) from purchased fabric. Women's and girls' suit, coat, tailored jacket, and skirt jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.



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### **315239 WOMEN'S AND GIRLS' CUT AND SEW OTHER OUTERWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' cut and sew apparel from purchased fabric (except underwear, lingerie, nightwear, blouses, shirts, dresses, suits, tailored coats, tailored jackets, and skirts). Women's and girls' other outerwear clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are bathing suits, down coats, sweaters, jogging suits, outerwear pants and shorts, and windbreakers.

### **31529 OTHER CUT AND SEW APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing cut and sew apparel from purchased fabric (except men's, boys', women's, and girls' apparel). This industry includes establishments manufacturing apparel, such as fur apparel, leather apparel, infants' apparel, costumes, and clerical vestments.

### **315291 INFANTS' CUT AND SEW APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing infants' dresses, blouses, shirts, and all other infants' wear from purchased fabric. Infants' clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. For the purposes of classification, the term "infants' apparel" includes apparel for young children of an age not exceeding 24 months.

### **315292 FUR AND LEATHER APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew fur and leather apparel, and sheep-lined clothing. Fur and leather apparel jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315299 ALL OTHER CUT AND SEW APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew apparel from purchased fabric (except cut and sew apparel contractors; men's and boys' cut and sew underwear, nightwear, suits, coats, shirts, trousers, work clothing, and other outerwear; women's and girls' lingerie, blouses, shirts, dresses, suits, coats, and other outerwear; infants' apparel; and fur and leather apparel). Clothing jobbers for these products, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are team athletic uniforms, band uniforms, academic caps and gowns, clerical vestments, and costumes.

### **3159 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing apparel accessories and other apparel (except apparel knitting mills, apparel contractors, men's and boys' cut and sew apparel, women's and girls' cut and sew apparel, infants' cut and sew apparel, fur and leather apparel, and all other cut and sew apparel). This industry group includes jobbers performing entrepreneurial functions involved in manufacturing apparel accessories.

### **31599 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing apparel and accessories (except apparel knitting mills, cut and sew apparel contractors, men's and boys' cut and sew apparel, women's and girls' cut and sew apparel, and other cut and sew apparel). Jobbers, who

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perform entrepreneurial functions involved in apparel accessories manufacture, including buying raw materials, designing and preparing samples, arranging for apparel accessories to be made from their materials, and marketing finished apparel accessories, are included. Examples of products made by these establishments are belts, caps, gloves (except medical, sporting, safety), hats, and neckties.

### **315991 HAT, CAP, AND MILLINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew hats, caps, millinery, and hat bodies from purchased fabric. Jobbers, who perform entrepreneurial functions involved in hat, cap, and millinery manufacture, including buying raw materials, designing and preparing samples, arranging for hats, caps, and millinery to be made from their materials, and marketing finished hats, caps, and millinery, are included.

### **315992 GLOVE AND MITTEN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew gloves (except rubber, metal, and athletic gloves) and mittens from purchased fabric, fur, leather, or from combinations of fabric, fur, or leather. Jobbers, who perform entrepreneurial functions involved in glove and mitten manufacture, including buying raw materials, designing and preparing samples, arranging for gloves and mittens to be made from their materials, and marketing finished gloves and mittens, are included.

### **315993 MEN'S AND BOYS' NECKWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' cut and sew neckties, scarves, and mufflers from purchased fabric, leather, or from combinations of leather and fabric. Men's and boys' neckwear jobbers, who perform entrepreneurial functions involved in neckwear manufacture, including buying raw materials, designing and preparing samples, arranging for neckwear to be made from their materials, and marketing finished neckwear, are included.

### **315999 OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing apparel and apparel accessories (except apparel knitting mills; cut and sew apparel contractors; cut and sew apparel; hats and caps; mittens and gloves; and men's and boys' neckwear). Jobbers for these products, who perform entrepreneurial functions involved in other apparel and accessory manufacture, including buying raw materials, designing and preparing samples, arranging for other apparel and accessories to be made from their materials, and marketing finished other apparel and accessories, are included. Examples of products made by these establishments are apparel trimmings and findings, belts, women's scarves, and suspenders.

### **316 LEATHER AND ALLIED PRODUCT MANUFACTURING**

Establishments in the Leather and Allied Product Manufacturing subsector transform hides into leather by tanning or curing and fabricating the leather into products for final consumption. It also includes the manufacture of similar products from other materials, including products (except apparel) made from "leather substitutes," such as rubber, plastics, or textiles. Rubber footwear, textile luggage, and plastics purses or wallets are examples of "leather substitute" products included in this group. The products made from leather substitutes are included in this subsector because they are made in similar ways leather products are made (e.g., luggage). They are made in the same establishments, so it is not practical to separate them.

The inclusion of leather making in this subsector is partly because leather tanning is a relatively small industry that has few close neighbors as a production process, partly because leather is an input to some of the other products classified in this subsector and partly for historical reasons.

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### **3161 LEATHER AND HIDE TANNING AND FINISHING**

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

1. Tanning, currying, and finishing hides and skins;
2. Having others process hides and skins on a contract basis; and
3. Dyeing or dressing furs.

### **31611 LEATHER AND HIDE TANNING AND FINISHING**

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

1. tanning, currying, and finishing hides and skins;
2. having others process hides and skins on a contract basis; and
3. dyeing or dressing furs.

### **316110 LEATHER AND HIDE TANNING AND FINISHING**

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

1. tanning, currying, and finishing hides and skins;
2. having others process hides and skins on a contract basis; and
3. dyeing or dressing furs.

### **3162 FOOTWEAR MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing rubber and plastics footwear with vulcanized rubber or plastics soles, molded or cemented to rubber, plastics, or fabric uppers, and rubber and plastics protective footwear.

### **31621 FOOTWEAR MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing footwear (except orthopedic extension footwear).

### **316211 RUBBER AND PLASTICS FOOTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing rubber and plastics footwear with vulcanized rubber or plastics soles, molded or cemented to rubber, plastics, or fabric uppers, and rubber and plastics protective footwear.

### **316212 HOUSE SLIPPER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing house slippers and slipper socks, regardless of material.

### **316213 MEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's footwear designed primarily for dress, street, and work. This industry includes men's shoes with rubber or plastics soles and leather or vinyl uppers.

### **316214 WOMEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's footwear designed for dress, street, and work. This industry includes women's shoes with rubber or plastics soles and leather or vinyl uppers.

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### **316219 OTHER FOOTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing other footwear (except rubber and plastics footwear; house slippers; men's footwear (except athletic); and women's footwear (except athletic)).

### **3169 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing leather products (except footwear and apparel) from purchased leather or leather substitutes (e.g., fabric, plastics).

### **31699 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing leather products (except footwear and apparel) from purchased leather or leather substitutes (e.g., fabric, plastics).

### **316991 LUGGAGE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing luggage of any material.

### **316992 WOMEN'S HANDBAG AND PURSE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's handbags and purses of any material (except precious metal).

### **316993 PERSONAL LEATHER GOOD (EXCEPT WOMEN'S HANDBAG AND PURSE) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing personal leather goods (i.e., small articles of any material (except metal) normally carried on or about the person or in a handbag). Examples of personal leather goods made by these establishments are billfolds, coin purses, key cases, toilet kits, and watchbands (except metal).

### **316999 ALL OTHER LEATHER GOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing leather goods (except footwear, luggage, handbags, purses, and personal leather goods).

### **321 WOOD PRODUCT MANUFACTURING**

Industries in the Wood Product Manufacturing subsector manufacture wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, manufactured homes (i.e., mobile home), and prefabricated wood buildings. The production processes of the Wood Product Manufacturing subsector include sawing, planing, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that then may be further cut, or shaped by lathes or other shaping tools. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers. The Wood Product Manufacturing subsector includes establishments that make wood products from logs and bolts that are sawed and shaped, and establishments that purchase sawed lumber and make wood products. With the exception of sawmills and wood preservation establishments, the establishments are grouped into industries mainly based on the specific products manufactured.

### **3211 SAWMILLS AND WOOD PRESERVATION**

This industry group comprises establishments whose primary production process begins with logs or bolts that are transformed into boards, dimension lumber, beams, timbers, poles, ties, shingles, shakes, siding, and wood chips. Establishments that cut and treat round wood and/or treat wood products made in other establishments to prevent rotting by impregnation with creosote or other chemical compounds are also included in this industry group.

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### **32111 SAWMILLS AND WOOD PRESERVATION**

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

1. sawing dimension lumber, boards, beams, timber, poles, ties, shingles, shakes, siding, and wood chips from logs or bolts;
2. sawing round wood poles, pilings, and posts and treating them with preservatives; and
3. treating wood sawed, planed, or shaped in other establishments with creosote or other preservatives to prevent decay and to protect against fire and insects.

Sawmills may plane the rough lumber that they make with a planing machine to achieve smoothness and uniformity of size.

### **321113 SAWMILLS**

This U.S. industry comprises establishments primarily engaged in sawing dimension lumber, boards, beams, timbers, poles, ties, shingles, shakes, siding, and wood chips from logs or bolts. Sawmills may plane the rough lumber that they make with a planing machine to achieve smoothness and uniformity of size.

### **321114 WOOD PRESERVATION**

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

1. treating wood sawed, planed, or shaped in other establishments with creosote or other preservatives, such as chromated copper arsenate, to prevent decay and to protect against fire and insects and/or
2. sawing round wood poles, pilings, and posts and treating them with preservatives.

### **3212 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING**

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

1. Manufacturing veneer and/or plywood;
2. Manufacturing engineered wood members; and
3. Manufacturing reconstituted wood products.

This industry includes manufacturing plywood from veneer made in the same establishment or from veneer made in other establishments, and manufacturing plywood faced with nonwood materials, such as plastics or metal.

### **32121 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING**

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

1. manufacturing veneer and/or plywood;
2. manufacturing engineered wood members; and
3. manufacturing reconstituted wood products.

This industry includes manufacturing plywood from veneer made in the same establishment or from veneer made in other establishments, and manufacturing plywood faced with nonwood materials, such as plastics or metal.

### **321211 HARDWOOD VENEER AND PLYWOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing hardwood veneer and/or hardwood plywood.

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### **321212 SOFTWOOD VENEER AND PLYWOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing softwood veneer and/or softwood plywood.

### **321213 ENGINEERED WOOD MEMBER (EXCEPT TRUSS) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated or laminated wood arches and/or other fabricated or laminated wood structural members.

### **321214 TRUSS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing laminated or fabricated wood roof and floor trusses.

### **321219 RECONSTITUTED WOOD PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing reconstituted wood sheets and boards.

### **3219 OTHER WOOD PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and wood preservation facilities; and establishments manufacturing veneer, plywood, or engineered wood products).

### **32191 MILLWORK**

This industry comprises establishments primarily engaged in manufacturing hardwood and softwood cut stock and dimension stock (i.e., shapes); wood windows and wood doors; and other millwork including wood flooring. Dimension stock or cut stock is defined as lumber and worked wood products cut or shaped to specialized sizes. These establishments generally use woodworking machinery, such as jointers, planers, lathes, and routers to shape wood.

### **321911 WOOD WINDOW AND DOOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing window and door units, sash, window and door frames, and doors from wood or wood clad with metal or plastics.

### **321912 CUT STOCK, RESAWING LUMBER, AND PLANING**

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

1. manufacturing dimension lumber from purchased lumber;
2. manufacturing dimension stock (i.e., shapes) or cut stock;
3. resawing the output of sawmills; and
4. planing purchased lumber.

These establishments generally use woodworking machinery, such as jointers, planers, lathes, and routers to shape wood.

### **321918 OTHER MILLWORK (INCLUDING FLOORING)**

This U.S. industry comprises establishments primarily engaged in manufacturing millwork (except wood windows, wood doors, and cut stock).

### **32192 WOOD CONTAINER AND PALLET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood pallets, wood box shoo, wood boxes, other wood containers, and wood parts for pallets and containers.

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### **321920 WOOD CONTAINER AND PALLET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood pallets, wood box shoo, wood boxes, other wood containers, and wood parts for pallets and containers.

### **32199 ALL OTHER WOOD PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and wood preservation facilities; and establishments manufacturing veneer, plywood, engineered wood products, millwork, wood containers, or pallets).

### **321991 MANUFACTURED HOME (MOBILE HOME) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in making manufactured homes (i.e., mobile homes) and nonresidential mobile buildings. Manufactured homes are designed to accept permanent water, sewer, and utility connections and although equipped with wheels, they are not intended for regular highway movement.

### **321992 PREFABRICATED WOOD BUILDING MANUFACTURING**

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

### **321999 ALL OTHER MISCELLANEOUS WOOD PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and preservation facilities; establishments manufacturing veneer, engineered wood products, millwork, wood containers, pallets, and wood container parts; and establishments making manufactured homes (i.e., mobile homes) and prefabricated buildings and components).

## **322 PAPER MANUFACTURING**

Industries in the Paper Manufacturing subsector make pulp, paper, or converted paper products. The manufacturing of these products is grouped together because they constitute a series of vertically connected processes. More than one is often carried out in a single establishment. There are essentially three activities. The manufacturing of pulp involves separating the cellulose fibers from other impurities in wood or used paper. The manufacturing of paper involves matting these fibers into a sheet. Converted paper products are made from paper and other materials by various cutting and shaping techniques and includes coating and laminating activities.

The Paper Manufacturing subsector is subdivided into two industry groups, the first for the manufacturing of pulp and paper and the second for the manufacturing of converted paper products. Paper making is treated as the core activity of the subsector. Therefore, any establishment that makes paper (including paperboard), either alone or in combination with pulp manufacturing or paper converting, is classified as a paper or paperboard mill. Establishments that make pulp without making paper are classified as pulp mills. Pulp mills, paper mills and paperboard mills comprise the first industry group.

Establishments that make products from purchased paper and other materials make up the second industry group, Converted Paper Product Manufacturing. This general activity is then subdivided based, for the most part, on process distinctions. Paperboard container manufacturing uses corrugating, cutting, and shaping machinery to form paperboard into containers. Paper bag and coated and treated paper manufacturing establishments cut and coat paper and foil. Stationery product manufacturing establishments make a variety of paper products used for writing, filing, and similar applications. Other converted paper product manufacturing includes, in particular, the conversion of sanitary paper stock into such things as tissue paper and disposable diapers.

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An important process used in the Paper Bag and Coated and Treated Paper Manufacturing industry is lamination, often combined with coating. Lamination and coating makes a composite material with improved properties of strength, impermeability, and so on. The laminated materials may be paper, metal foil, or plastics film. While paper is often one of the components, it is not always. Lamination of plastics film to plastics film is classified in the NAICS Subsector 326, Plastics and Rubber Products Manufacturing, because establishments that do this often first make the film. The same situation holds with respect to bags. The manufacturing of bags from plastics only, whether or not laminated, is classified in Subsector 326, Plastics and Rubber Products Manufacturing, but all other bag manufacturing is classified in this subsector.

Excluded from this subsector are photosensitive papers. These papers are chemically treated and are classified in Industry 32599, All Other Chemical Product and Preparation Manufacturing.

### **3221 PULP, PAPER, AND PAPERBOARD MILLS**

This industry group comprises establishments primarily engaged in manufacturing pulp, paper, or paperboard.

#### **32211 PULP MILLS**

This industry comprises establishments primarily engaged in manufacturing pulp without manufacturing paper or paperboard. The pulp is made by separating the cellulose fibers from the other impurities in wood or other materials, such as used or recycled rags, linters, scrap paper, and straw.

##### **322110 PULP MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing pulp without manufacturing paper or paperboard. The pulp is made by separating the cellulose fibers from the other impurities in wood or other materials, such as used or recycled rags, linters, scrap paper, and straw.

##### **32212 PAPER MILLS**

This industry comprises establishments primarily engaged in manufacturing paper from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may convert the paper they make. The activity of making paper classifies an establishment into this industry regardless of the output.

##### **322121 PAPER (EXCEPT NEWSPRINT) MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing paper (except newsprint and uncoated groundwood paper) from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paper they make.

##### **322122 NEWSPRINT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing newsprint and uncoated groundwood paper from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paper they make.

##### **32213 PAPERBOARD MILLS**

This industry comprises establishments primarily engaged in manufacturing paperboard from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paperboard they make.

##### **322130 PAPERBOARD MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing paperboard from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paperboard they make.



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### **3222 CONVERTED PAPER PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in converting paper or paperboard without manufacturing paper or paperboard.

#### **32221 PAPERBOARD CONTAINER MANUFACTURING**

This industry comprises establishments primarily engaged in converting paperboard into containers without manufacturing paperboard. These establishments use corrugating, cutting, and shaping machinery to form paperboard into containers. Products made by these establishments include boxes; corrugated sheets, pads, and pallets; paper dishes; and fiber drums and reels.

#### **322211 CORRUGATED AND SOLID FIBER BOX MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in laminating purchased paper or paperboard into corrugated or solid fiber boxes and related products, such as pads, partitions, pallets, and corrugated paper without manufacturing paperboard. These boxes are generally used for shipping.

#### **322212 FOLDING PAPERBOARD BOX MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paperboard (except corrugated) into folding paperboard boxes without manufacturing paper and paperboard.

#### **322213 SETUP PAPERBOARD BOX MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paperboard into setup paperboard boxes (i.e., rigid-sided boxes not shipped flat) without manufacturing paperboard.

#### **322214 FIBER CAN, TUBE, DRUM, AND SIMILAR PRODUCTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paperboard into fiber cans, tubes, drums, and similar products without manufacturing paperboard.

#### **322215 NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting sanitary foodboard into food containers (except folding).

#### **32222 PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING**

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

1. cutting and coating paper and paperboard;
2. cutting and laminating paper and paperboard and other flexible materials (except plastics film to plastics film);
3. manufacturing bags or multiwall bags or sacks of paper, metal foil, coated paper, or laminates or coated combinations of paper and foil with plastics film;
4. manufacturing laminated aluminum and other converted metal foils from purchased foils; and
5. surface coating paper or paperboard.

#### **322221 COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING**

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

1. cutting and coating paper and

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2. cutting and laminating paper with other flexible materials (except plastics to plastics or foil to paper laminates).

The products made in this industry are made from purchased sheet materials and may be printed in the same establishment.

### **322222 COATED AND LAMINATED PAPER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in performing one or more of the following activities associated with making products designed for purposes other than packaging:

1. cutting and coating paper;
2. cutting and laminating paper and other flexible materials (except plastics film to plastics film); and
3. laminating aluminum and other metal foils for nonpackaging uses from purchased foils.

The products made in this industry are made from purchased sheet materials and may be printed in the same establishment.

### **322223 PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing bags of coated paper, of metal foil, or of laminated or coated combinations of plastics, foil, and paper, whether or not printed.

### **322224 UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing uncoated paper bags or multiwall bags and sacks.

### **322225 LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES**

This U.S. industry comprises establishments primarily engaged in laminating aluminum and other metal foil into products with flexible packaging uses or gift wrap and other packaging wrap applications.

### **322226 SURFACE-COATED PAPERBOARD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in laminating, lining, or surface coating purchased paperboard to make other paperboard products.

### **32223 STATIONERY PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in converting paper or paperboard into products used for writing, filing, art work, and similar applications.

### **322231 DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paper rollstock or paperboard into die-cut paper or paperboard office supplies. For the purpose of this industry, office supplies are defined as office products, such as filing folders, index cards, rolls for adding machines, file separators and dividers, tabulating cards, and other paper and paperboard office supplies.

### **322232 ENVELOPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing envelopes for mailing or stationery of any material including combinations.

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### **322233 STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paper and paperboard into products used for writing and similar applications (e.g., looseleaf fillers, notebooks, pads, stationery, and tablets).

### **32229 OTHER CONVERTED PAPER PRODUCT MANUFACTURING**

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

1. converting paper and paperboard into products (except containers, bags, coated and treated paper and paperboard, and stationery products), or
2. converting pulp into pulp products, such as disposable diapers, or molded pulp egg cartons, food trays, and dishes.

Processes used include laminating or lining purchased paper or paperboard.

### **322291 SANITARY PAPER PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting purchased sanitary paper stock or wadding into sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, disposable diapers, sanitary napkins, and tampons.

### **322299 ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paper or paperboard into products (except containers, bags, coated and treated paper, stationery products, and sanitary paper products) or converting pulp into pulp products, such as egg cartons, food trays, and other food containers from molded pulp.

### **323 PRINTING AND RELATED SUPPORT ACTIVITIES**

Industries in the Printing and Related Support Activities subsector print products, such as newspapers, books, labels, business cards, stationery, business forms, and other materials, and perform support activities, such as data imaging, platemaking services, and bookbinding. The support activities included here are an integral part of the printing industry, and a product (a printing plate, a bound book, or a computer disk or file) that is an integral part of the printing industry is almost always provided by these operations.

Processes used in printing include a variety of methods used to transfer an image from a plate, screen, film, or computer file to some medium, such as paper, plastics, metal, textile articles, or wood. The most prominent of these methods is to transfer the image from a plate or screen to the medium (lithographic, gravure, screen, and flexographic printing). A rapidly growing new technology uses a computer file to directly “drive” the printing mechanism to create the image and new electrostatic and other types of equipment (digital or nonimpact printing).

In contrast to many other classification systems that locate publishing of printed materials in manufacturing, NAICS classifies the publishing of printed products in Subsector 511, Publishing Industries (except Internet). Though printing and publishing are often carried out by the same enterprise (a newspaper, for example), it is less and less the case that these distinct activities are carried out in the same establishment. When publishing and printing are done in the same establishment, the establishment is classified in Sector 51, Information, in the appropriate NAICS industry even if the receipts for printing exceed those for publishing.

This subsector includes printing on clothing because the production process for that activity is printing, not clothing manufacturing. For instance, the printing of T-shirts is included in this subsector. In contrast, printing on fabric (or grey goods) is not included. This activity is part of the process of finishing the fabric and is included in the NAICS Textile Mills subsector in Industry 31331, Textile and Fabric Finishing Mills.

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## **3231 PRINTING AND RELATED SUPPORT ACTIVITIES**

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

1. Printing on apparel and textile products, paper, metal, glass, plastics, and other materials, except fabric (grey goods) and/or
2. Performing prepress (e.g., platemaking, typesetting) and postpress services (e.g., book binding) in support of printing activities.

### **32311 PRINTING**

This industry comprises establishments primarily engaged in printing on apparel and textile products, paper, metal, glass, plastics, and other materials, except fabric (grey goods). The printing processes employed include, but are not limited to, lithographic, gravure, screen, flexographic, digital, and letterpress. Establishments in this industry do not manufacture the stock that they print but may perform postprinting activities, such as folding, cutting, or laminating the materials they print, and mailing.

#### **323110 COMMERCIAL LITHOGRAPHIC PRINTING**

This U.S. industry comprises establishments primarily engaged in lithographic (i.e., offset) printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in lithographic printing on purchased stock materials, such as stationery, letterhead, invitations, labels, and similar items, on a job order basis.

#### **323111 COMMERCIAL GRAVURE PRINTING**

This U.S. industry comprises establishments primarily engaged in gravure printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in gravure printing on purchased stock materials, such as stationery, letterhead, invitations, labels, and similar items, on a job order basis.

#### **323112 COMMERCIAL FLEXOGRAPHIC PRINTING**

This U.S. industry comprises establishments primarily engaged in flexographic printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in flexographic printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis.

#### **323113 COMMERCIAL SCREEN PRINTING**

This U.S. industry comprises establishments primarily engaged in screen printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in screen printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis. Establishments primarily engaged in printing on apparel and textile products, such as T-shirts, caps, jackets, towels, and napkins, are included in this industry.

#### **323114 QUICK PRINTING**

This U.S. industry comprises establishments primarily engaged in traditional printing activities, such as short-run offset printing or prepress services, in combination with providing document photocopying service. Prepress services include receiving documents in electronic format and directly duplicating from the electronic file and formatting, colorizing, and otherwise modifying the original document to improve presentation. These establishments, known as quick printers, generally provide short-run printing and copying with fast turnaround times.

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### **323115 DIGITAL PRINTING**

This U.S. industry comprises establishments primarily engaged in printing graphical materials using digital printing equipment. Establishments known as digital printers typically provide sophisticated prepress services including using scanners to input images and computers to manipulate and format the graphic images prior to printing.

### **323116 MANIFOLD BUSINESS FORMS PRINTING**

This U.S. industry comprises establishments primarily engaged in printing special forms, including checkbooks, for use in the operation of a business. The forms may be in single and multiple sets, including carbonized, interleaved with carbon, or otherwise processed for multiple reproduction.

### **323117 BOOKS PRINTING**

This U.S. industry comprises establishments primarily engaged in printing or printing and binding books and pamphlets without publishing.

### **323118 BLANKBOOK, LOOSELEAF BINDERS, AND DEVICES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and binders. Establishments in this industry may print or print and bind.

### **323119 OTHER COMMERCIAL PRINTING**

This U.S. industry comprises establishments primarily engaged in commercial printing (except lithographic, gravure, screen, or flexographic printing) without publishing (except books, grey goods, and manifold business forms). Printing processes included in this industry are letterpress printing and engraving printing. This industry includes establishments engaged in commercial printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis.

### **32312 SUPPORT ACTIVITIES FOR PRINTING**

This industry comprises establishments primarily engaged in performing prepress (e.g., platemaking, typesetting) and postpress services (e.g., book binding) in support of printing activities.

### **323121 TRADEBINDING AND RELATED WORK**

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

1. tradebinding;
2. sample mounting; and
3. postpress services (e.g., book or paper bronzing, die-cutting, edging, embossing, folding, gilding, gluing, indexing).

### **323122 PREPRESS SERVICES**

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

1. prepress services, such as imagesetting or typesetting, for printers and
2. preparing film or plates for printing purposes.

### **324 PETROLEUM AND COAL PRODUCTS MANUFACTURING**

The Petroleum and Coal Products Manufacturing subsector is based on the transformation of crude petroleum and coal into usable products. The dominant process is petroleum refining that involves the separation of crude petroleum into component products through such techniques as cracking and distillation.

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In addition, this subsector includes establishments that primarily further process refined petroleum and coal products and produce products, such as asphalt coatings and petroleum lubricating oils. However, establishments that manufacture petrochemicals from refined petroleum are classified in Industry 32511, Petrochemical Manufacturing.

### **3241 PETROLEUM AND COAL PRODUCTS MANUFACTURING**

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

1. Petroleum refineries manufacturing;
2. Asphalt paving, roofing, and saturated materials manufacturing; and/or
3. Other petroleum and coal products manufacturing.

#### **32411 PETROLEUM REFINERIES**

This industry comprises establishments primarily engaged in refining crude petroleum into refined petroleum. Petroleum refining involves one or more of the following activities:

1. fractionation;
2. straight distillation of crude oil; and
3. cracking.

##### **324110 PETROLEUM REFINERIES**

This U.S. industry comprises establishments primarily engaged in refining crude petroleum into refined petroleum. Petroleum refining involves one or more of the following activities:

1. fractionation;
2. straight distillation of crude oil; and
3. cracking.

#### **32412 ASPHALT PAVING, ROOFING, AND SATURATED MATERIALS MANUFACTURING**

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

1. manufacturing asphalt and tar paving mixtures and blocks and roofing cements and coatings from purchased asphaltic materials and/or
2. saturating purchased mats and felts with asphalt or tar from purchased asphaltic materials.

##### **324121 ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing asphalt and tar paving mixtures and blocks from purchased asphaltic materials.

##### **324122 ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING**

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

1. saturating purchased mats and felts with asphalt or tar from purchased asphaltic materials and
2. manufacturing asphalt and tar and roofing cements and coatings from purchased asphaltic materials.

#### **32419 OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing petroleum products (except asphalt paving, roofing and saturated materials) from refined petroleum or coal products made in coke ovens not integrated with a steel mill.

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### **324191 PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in blending or compounding refined petroleum to make lubricating oils and greases and/or re-refining used petroleum lubricating oils.

### **324199 ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing petroleum products (except asphalt paving, roofing, and saturated materials and lubricating oils and greases) from refined petroleum and coal products made in coke ovens not integrated with a steel mill.

### **325 CHEMICAL MANUFACTURING**

The Chemical Manufacturing subsector is based on the transformation of organic and inorganic raw materials by a chemical process and the formulation of products. This subsector distinguishes the production of basic chemicals that comprise the first industry group from the production of intermediate and end products produced by further processing of basic chemicals that make up the remaining industry groups.

This subsector does not include all industries transforming raw materials by a chemical process. It is common for some chemical processing to occur during mining operations. These beneficiating operations, such as copper concentrating, are classified in Sector 21, Mining. Furthermore, the refining of crude petroleum is included in Subsector 324, Petroleum and Coal Products Manufacturing. In addition, the manufacturing of aluminum oxide is included in Subsector 331, Primary Metal Manufacturing; and beverage distilleries are classified in Subsector 312, Beverage and Tobacco Product Manufacturing. As in the case of these two activities, the grouping of industries into subsectors may take into account the association of the activities performed with other activities in the subsector.

### **3251 BASIC CHEMICAL MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing chemicals using basic processes, such as thermal cracking and distillation. Chemicals manufactured in this industry group are usually separate chemical elements or separate chemically-defined compounds.

### **32511 PETROCHEMICAL MANUFACTURING**

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

1. manufacturing acyclic (i.e., aliphatic) hydrocarbons such as ethylene, propylene, and butylene made from refined petroleum or liquid hydrocarbon and/or
2. manufacturing cyclic aromatic hydrocarbons such as benzene, toluene, styrene, xylene, ethyl benzene, and cumene made from refined petroleum or liquid hydrocarbons.

### **325110 PETROCHEMICAL MANUFACTURING**

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

1. manufacturing acyclic (i.e., aliphatic) hydrocarbons such as ethylene, propylene, and butylene made from refined petroleum or liquid hydrocarbon and/or
2. manufacturing cyclic aromatic hydrocarbons such as benzene, toluene, styrene, xylene, ethyl benzene, and cumene made from refined petroleum or liquid hydrocarbons.

### **32512 INDUSTRIAL GAS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing industrial organic and inorganic gases in compressed, liquid, and solid forms.

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### **325120 INDUSTRIAL GAS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing industrial organic and inorganic gases in compressed, liquid, and solid forms.

### **32513 SYNTHETIC DYE AND PIGMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing synthetic organic and inorganic dyes and pigments, such as lakes and toners (except electrostatic and photographic).

### **325131 INORGANIC DYE AND PIGMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing inorganic dyes and pigments.

### **325132 SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing synthetic organic dyes and pigments, such as lakes and toners (except electrostatic and photographic).

### **32518 OTHER BASIC INORGANIC CHEMICAL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing basic inorganic chemicals (except industrial gases and synthetic dyes and pigments).

### **325181 ALKALIES AND CHLORINE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing chlorine, sodium hydroxide (i.e., caustic soda), and other alkalies often using an electrolysis process.

### **325182 CARBON BLACK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing carbon black, bone black, and lamp black.

### **325188 ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing basic inorganic chemicals (except industrial gases, inorganic dyes and pigments, alkalies and chlorine, and carbon black).

### **32519 OTHER BASIC ORGANIC CHEMICAL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing basic organic chemicals (except petrochemicals, industrial gases, and synthetic dyes and pigments).

### **325191 GUM AND WOOD CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in (1) distilling wood or gum into products, such as tall oil and wood distillates, and (2) manufacturing wood or gum chemicals, such as naval stores, natural tanning materials, charcoal briquettes, and charcoal (except activated).

### **325192 CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in (1) distilling coal tars and/or (2) manufacturing cyclic crudes or, cyclic intermediates (i.e., hydrocarbons, except aromatic petrochemicals) from refined petroleum or natural gas.



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### **325193 ETHYL ALCOHOL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonpotable ethyl alcohol.

### **325199 ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing basic organic chemical products (except aromatic petrochemicals, industrial gases, synthetic organic dyes and pigments, gum and wood chemicals, cyclic crudes and intermediates, and ethyl alcohol).

### **3252 RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING**

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

1. Resin and synthetic rubber manufacturing and
2. Artificial and synthetic fibers and filaments manufacturing.

### **32521 RESIN AND SYNTHETIC RUBBER MANUFACTURING**

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

1. manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers and mixing and blending resins on a custom basis;
2. manufacturing noncustomized synthetic resins; and
3. manufacturing synthetic rubber.

### **325211 PLASTICS MATERIAL AND RESIN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in

1. manufacturing resins, plastics materials, and nonvulcanizable thermoplastic elastomers and mixing and blending resins on a custom basis and/or
2. manufacturing noncustomized synthetic resins.

### **325212 SYNTHETIC RUBBER MANUFACTURING**

This U.S. industry consists of establishments primarily engaged in manufacturing synthetic rubber.

### **32522 ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING**

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

1. manufacturing cellulosic (i.e., rayon and acetate) and noncellulosic (i.e., nylon, polyolefin, and polyester) fibers and filaments in the form of monofilament, filament yarn, staple, or tow or
2. manufacturing and texturing cellulosic and noncellulosic fibers and filaments.

### **325221 CELLULOSIC ORGANIC FIBER MANUFACTURING**

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

1. manufacturing cellulosic (i.e., rayon and acetate) fibers and filaments in the form of monofilament, filament yarn, staple, or tow or
2. manufacturing and texturizing cellulosic fibers and filaments.

### **325222 NONCELLULOSIC ORGANIC FIBER MANUFACTURING**

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

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1. manufacturing noncellulosic (i.e., nylon, polyolefin, and polyester) fibers and filaments in the form of monofilament, filament yarn, staple, or tow, or
  2. manufacturing and texturizing noncellulosic fibers and filaments.

### **3253 PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING**

This industry group includes establishments classified in one of the following:

1. Fertilizer manufacturing and/or
2. Pesticide and other agricultural chemical manufacturing.

#### **32531 FERTILIZER MANUFACTURING**

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

1. manufacturing nitrogenous or phosphatic fertilizer materials;
2. manufacturing fertilizers from sewage or animal waste;
3. manufacturing nitrogenous or phosphatic materials and mixing with other ingredients into fertilizers; and
4. mixing ingredients made elsewhere into fertilizers.

#### **325311 NITROGENOUS FERTILIZER MANUFACTURING**

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

1. manufacturing nitrogenous fertilizer materials and mixing ingredients into fertilizers;
2. manufacturing fertilizers from sewage or animal waste; and
3. manufacturing nitrogenous materials and mixing them into fertilizers.

#### **325312 PHOSPHATIC FERTILIZER MANUFACTURING**

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

1. manufacturing phosphatic fertilizer materials or
2. manufacturing phosphatic materials and mixing them into fertilizers.

#### **325314 FERTILIZER (MIXING ONLY) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in mixing ingredients made elsewhere into fertilizers.

#### **32532 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING**

This industry comprises establishments primarily engaged in the formulation and preparation of agricultural and household pest control chemicals (except fertilizers).

#### **325320 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in the formulation and preparation of agricultural and household pest control chemicals (except fertilizers).

#### **3254 PHARMACEUTICAL AND MEDICINE MANUFACTURING**

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

1. Manufacturing biological and medicinal products;
2. Processing (i.e., grading, grinding, and milling) botanical drugs and herbs;

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3. Isolating active medicinal principals from botanical drugs and herbs; and
  4. Manufacturing pharmaceutical products intended for internal and external consumption in such forms as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

### **32541 PHARMACEUTICAL AND MEDICINE MANUFACTURING**

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

1. manufacturing biological and medicinal products;
2. processing (i.e., grading, grinding, and milling) botanical drugs and herbs;
3. isolating active medicinal principals from botanical drugs and herbs; and
4. manufacturing pharmaceutical products intended for internal and external consumption in such forms as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

### **325411 MEDICINAL AND BOTANICAL MANUFACTURING**

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

1. manufacturing uncompounded medicinal chemicals and their derivatives (i.e., generally for use by pharmaceutical preparation manufacturers) and/or
2. grading, grinding, and milling uncompounded botanicals.

### **325412 PHARMACEUTICAL PREPARATION MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing in-vivo diagnostic substances and pharmaceutical preparations (except biological) intended for internal and external consumption in dose forms, such as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

### **325413 IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing in-vitro (i.e., not taken internally) diagnostic substances, such as chemical, biological, or radioactive substances. The substances are used for diagnostic tests that are performed in test tubes, petri dishes, machines, and other diagnostic test-type devices.

### **325414 BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing vaccines, toxoids, blood fractions, and culture media of plant or animal origin (except diagnostic).

### **3255 PAINT, COATING, AND ADHESIVE MANUFACTURING**

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

1. Paint and coating manufacturing and/or
2. Adhesive manufacturing.

### **32551 PAINT AND COATING MANUFACTURING**

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

1. mixing pigments, solvents, and binders into paints and other coatings, such as stains, varnishes, lacquers, enamels, shellacs, and water repellent coatings for concrete and masonry, and/or

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2. manufacturing allied paint products, such as putties, paint and varnish removers, paint brush cleaners, and frit.

### **325510 PAINT AND COATING MANUFACTURING**

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

1. mixing pigments, solvents, and binders into paints and other coatings, such as stains, varnishes, lacquers, enamels, shellacs, and water repellent coatings for concrete and masonry and/or
2. manufacturing allied paint products, such as putties, paint and varnish removers, paint brush cleaners, and frit.

### **32552 ADHESIVE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing adhesives, glues, and caulking compounds.

### **325520 ADHESIVE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing adhesives, glues, and caulking compounds.

### **3256 SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING**

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

1. Soap and cleaning compound manufacturing and/or
2. Toilet preparation manufacturing.

### **32561 SOAP AND CLEANING COMPOUND MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and packaging soap and other cleaning compounds, surface active agents, and textile and leather finishing agents used to reduce tension or speed the drying process.

### **325611 SOAP AND OTHER DETERGENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and packaging soaps and other detergents, such as laundry detergents; dishwashing detergents; toothpaste gels and tooth powders; and natural glycerin.

### **325612 POLISH AND OTHER SANITATION GOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and packaging polishes and specialty cleaning preparations.

### **325613 SURFACE ACTIVE AGENT MANUFACTURING**

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

1. manufacturing bulk surface active agents for use as wetting agents, emulsifiers, and penetrants, and/or
2. manufacturing textiles and leather finishing agents used to reduce tension or speed the drying process.

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### **32562 TOILET PREPARATION MANUFACTURING**

This industry comprises establishments primarily engaged in preparing, blending, compounding, and packaging toilet preparations, such as perfumes, shaving preparations, hair preparations, face creams, lotions (including sunscreens), and other cosmetic preparations.

### **325620 TOILET PREPARATION MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in preparing, blending, compounding, and packaging toilet preparations, such as perfumes, shaving preparations, hair preparations, face creams, lotions (including sunscreens), and other cosmetic preparations.

### **3259 OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals; resins, synthetic rubber, cellulosic and noncellulosic fibers and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings, and adhesives; soaps and cleaning compounds; and toilet preparations).

### **32591 PRINTING INK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing printing and inkjet inks and inkjet cartridges.

### **325910 PRINTING INK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing printing and inkjet inks and inkjet cartridges.

### **32592 EXPLOSIVES MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing explosives.

### **325920 EXPLOSIVES MANUFACTURING**

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

### **32599 ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals, resins, and synthetic rubber; cellulosic and noncellulosic fibers and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings, and adhesives; and soaps, cleaning compounds, and toilet preparations; printing inks; and explosives).

### **325991 CUSTOM COMPOUNDING OF PURCHASED RESINS**

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

1. custom mixing and blending plastics resins made elsewhere or
2. reformulating plastics resins from recycled plastics products.

### **325992 PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing sensitized film, sensitized paper, sensitized cloth, sensitized plates, toners (i.e., for photocopiers, laser printers, and similar electrostatic printing devices), toner cartridges, and photographic chemicals.

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## **325998 ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals, resins, synthetic rubber; cellulosic and noncellulosic fiber and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings and adhesives; soap, cleaning compounds, and toilet preparations; printing inks; explosives; custom compounding of purchased resins; and photographic films, papers, plates, and chemicals).

## **326 PLASTICS AND RUBBER PRODUCTS MANUFACTURING**

Industries in the Plastics and Rubber Products Manufacturing subsector make goods by processing plastics materials and raw rubber. The core technology employed by establishments in this subsector is that of plastics or rubber product production. Plastics and rubber are combined in the same subsector because plastics are increasingly being used as a substitute for rubber; however the subsector is generally restricted to the production of products made of just one material, either solely plastics or rubber.

Many manufacturing activities use plastics or rubber, for example the manufacture of footwear, or furniture. Typically, the production process of these products involves more than one material. In these cases, technologies that allow disparate materials to be formed and combined are of central importance in describing the manufacturing activity. In NAICS, such activities (the footwear and furniture manufacturing) are not classified in the Plastics and Rubber Products Manufacturing subsector because the core technologies for these activities are diverse and involve multiple materials.

Within the Plastics and Rubber Products Manufacturing subsector, a distinction is made between plastics and rubber products at the industry group level, although it is not a rigid distinction, as can be seen from the definition of Industry 32622, Rubber and Plastics Hoses and Belting Manufacturing. As materials technology progresses, plastics are increasingly being used as a substitute for rubber; and eventually, the distinction may disappear as a basis for establishment classification.

In keeping with the core technology focus of plastics, lamination of plastics film to plastics film as well as the production of bags from plastics only is classified in this subsector. Lamination and bag production involving plastics and materials other than plastics are classified in the NAICS Subsector 322, Paper Manufacturing.

## **3261 PLASTICS PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in processing new or spent (i.e., recycled) plastics resins into intermediate or final products, using such processes as compression molding; extrusion molding; injection molding; blow molding; and casting. Within most of these industries, the production process is such that a wide variety of products can be made.

### **32611 PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING**

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

1. converting plastics resins into unsupported plastics film and sheet and/or
2. forming, coating or laminating plastics film and sheet into plastics bags.

### **326111 PLASTICS BAG MANUFACTURING**

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

1. converting plastics resins into plastics bags or

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- forming, coating, or laminating plastics film and sheet into single wall or multiwall plastics bags.

Establishments in this industry may print on the bags they manufacture.

### **326112 PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into plastics packaging (flexible) film and packaging sheet.

### **326113 UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into plastics film and un laminated sheet (except packaging).

### **32612 PLASTICS PIPE, PIPE FITTING, AND UNLAMINATED PROFILE SHAPE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing plastics pipes and pipe fittings, and plastics profile shapes such as rod, tube, and sausage casings.

### **326121 UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into nonrigid plastics profile shapes (except film, sheet, and bags), such as rod, tube, and sausage casings.

### **326122 PLASTICS PIPE AND PIPE FITTING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into rigid plastics pipes and pipe fittings.

### **32613 LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING**

This industry comprises establishments primarily engaged in laminating plastics profile shapes such as plate, sheet (except packaging), and rod. The lamination process generally involves bonding or impregnating profiles with plastics resins and compressing them under heat.

### **326130 LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in laminating plastics profile shapes such as plate, sheet (except packaging), and rod. The lamination process generally involves bonding or impregnating profiles with plastics resins and compressing them under heat.

### **32614 POLYSTYRENE FOAM PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing polystyrene foam products.

### **326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing polystyrene foam products.

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### **32615 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

### **326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

### **32616 PLASTICS BOTTLE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing plastics bottles.

### **326160 PLASTICS BOTTLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics bottles.

### **32619 OTHER PLASTICS PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing resilient floor covering and other plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, and bottles).

### **326191 PLASTICS PLUMBING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics or fiberglass plumbing fixtures. Examples of products made by these establishments are plastics or fiberglass bathtubs, hot tubs, portable toilets, and shower stalls.

### **326192 RESILIENT FLOOR COVERING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing resilient floor coverings for permanent installation.

### **326199 ALL OTHER PLASTICS PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, bottles, plumbing fixtures, and resilient floor coverings).

### **3262 RUBBER PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in processing natural, and synthetic or reclaimed rubber materials into intermediate or final products using processes such as vulcanizing, cementing, molding, extruding, and lathe-cutting.

### **32621 TIRE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber and retreading or rebuilding tires.

### **326211 TIRE MANUFACTURING (EXCEPT RETREADING)**

This U.S. industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber.

### **326212 TIRE RETREADING**

This U.S. industry comprises establishments primarily engaged in retreading or rebuilding tires.



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### **32622 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

### **326220 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

### **32629 OTHER RUBBER PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing rubber products (except tires, hoses, and belting) from natural and synthetic rubber.

### **326291 RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE**

This U.S. industry comprises establishments primarily engaged in molding, extruding, or lathe-cutting rubber to manufacture rubber goods (except tubing) for mechanical applications. Products of this industry are generally parts for motor vehicles, machinery, and equipment.

### **326299 ALL OTHER RUBBER PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing rubber products (except tires; hoses and belting; and molded, extruded, and lathe-cut rubber goods for mechanical applications) from natural and synthetic rubber.

### **327 NONMETALLIC MINERAL PRODUCT MANUFACTURING**

The Nonmetallic Mineral Product Manufacturing subsector transforms mined or quarried nonmetallic minerals, such as sand, gravel, stone, clay, and refractory materials, into products for intermediate or final consumption. Processes used include grinding, mixing, cutting, shaping, and honing. Heat often is used in the process and chemicals are frequently mixed to change the composition, purity, and chemical properties for the intended product. For example, glass is produced by heating silica sand to the melting point (sometimes combined with cullet or recycled glass) and then drawn, floated, or blow molded to the desired shape or thickness. Refractory materials are heated and then formed into bricks or other shapes for use in industrial applications. The Nonmetallic Mineral Product Manufacturing subsector includes establishments that manufacture products, such as bricks, refractories, ceramic products, and glass and glass products, such as plate glass and containers. Also included are cement and concrete products, lime, gypsum and other nonmetallic mineral products including abrasive products, ceramic plumbing fixtures, statuary, cut stone products, and mineral wool. The products are used in a wide range of activities from construction and heavy and light manufacturing to articles for personal use.

Mining, beneficiating, and manufacturing activities often occur in a single location. Separate receipts will be collected for these activities whenever possible. When receipts cannot be broken out between mining and manufacturing, establishments that mine or quarry nonmetallic minerals, beneficiate the nonmetallic minerals and further process the nonmetallic minerals into a more finished manufactured product are classified based on the primary activity of the establishment. A mine that manufactures a small amount of finished products will be classified in Sector 21, Mining. An establishment that mines whose primary output is a more-finished manufactured product will be classified in the Manufacturing Sector.

Excluded from the Nonmetallic Mineral Product Manufacturing subsector are establishments that primarily beneficiate mined nonmetallic minerals. Beneficiation is the process whereby the extracted material is reduced to particles that can be separated into mineral and waste, the former suitable for further processing or direct use. Beneficiation establishments are included in Sector 21, Mining.

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## **3271 CLAY PRODUCT AND REFRACTORY MANUFACTURING**

This industry group comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials and/or shaping, molding, baking, burning, or hardening clay refractories, non-clay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

### **32711 POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING**

This industry comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials.

#### **327111 VITREOUS CHINA PLUMBING FIXTURE AND CHINA AND EARTHENWARE BATHROOM ACCESSORIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing vitreous china plumbing fixtures and china and earthenware bathroom accessories, such as faucet handles, towel bars, and soap dishes.

#### **327112 VITREOUS CHINA, FINE EARTHENWARE, AND OTHER POTTERY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing table and kitchen articles, art and ornamental items, and similar vitreous china, fine earthenware, stoneware, coarse earthenware, and pottery products.

#### **327113 PORCELAIN ELECTRICAL SUPPLY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, ferrite or ceramic magnets, and electronic and electrical supplies from nonmetallic minerals, such as clay and ceramic materials.

### **32712 CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING**

This industry comprises establishments primarily engaged in shaping, molding, baking, burning, or hardening clay refractories, nonclay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

#### **327121 BRICK AND STRUCTURAL CLAY TILE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing brick and structural clay tiles.

#### **327122 CERAMIC WALL AND FLOOR TILE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ceramic wall and floor tiles.

#### **327123 OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing clay sewer pipe, drain tile, flue lining tile, architectural terra-cotta, and other structural clay products.

#### **327124 CLAY REFRACTORY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing clay refractory, mortar, brick, block, tile, and fabricated clay refractories, such as melting pots. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

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### **327125 NONCLAY REFRACTORY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonclay refractory, mortar, brick, block, tile, and fabricated nonclay refractories such as graphite, magnesite, silica, or alumina crucibles. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

### **3272 GLASS AND GLASS PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

### **32721 GLASS AND GLASS PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

### **327211 FLAT GLASS MANUFACTURING**

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

1. manufacturing flat glass by melting silica sand or cullet; or
2. manufacturing both flat glass and laminated glass by melting silica sand or cullet.

### **327212 OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing glass by melting silica sand or cullet and making pressed, blown, or shaped glass or glassware (except glass packaging containers).

### **327213 GLASS CONTAINER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing glass packaging containers.

### **327215 GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS**

This U.S. industry comprises establishments primarily engaged in coating, laminating, tempering, or shaping purchased glass.

### **3273 CEMENT AND CONCRETE PRODUCT MANUFACTURING**

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

1. Cement manufacturing;
2. Ready-mix concrete manufacturing;
3. Concrete pipe, brick, and block manufacturing; and/or
4. Other concrete product manufacturing.

### **32731 CEMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

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### **327310 CEMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

### **32732 READY-MIX CONCRETE MANUFACTURING**

This industry comprises establishments, such as batch plants or mix plants, primarily engaged in manufacturing concrete delivered to a purchaser in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

### **327320 READY-MIX CONCRETE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete delivered to a purchaser, such as batch plants or mix plants, in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

### **32733 CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing concrete pipe, brick, and block.

### **327331 CONCRETE BLOCK AND BRICK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete block and brick.

### **327332 CONCRETE PIPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete pipe.

### **32739 OTHER CONCRETE PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

### **327390 OTHER CONCRETE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

### **3274 LIME AND GYPSUM PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells and/or gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work.

### **32741 LIME MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

### **327410 LIME MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

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### **32742 GYPSUM PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

### **327420 GYPSUM PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

### **3279 OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except clay products, refractory products, glass products, cement and concrete products, lime, and gypsum products).

### **32791 ABRASIVE PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

### **327910 ABRASIVE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

### **32799 ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; and abrasive products).

### **327991 CUT STONE AND STONE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in cutting, shaping, and finishing granite, marble, limestone, slate, and other stone for building and miscellaneous uses. Stone product manufacturing establishments may mine, quarry, or purchase stone.

### **327992 GROUND OR TREATED MINERAL AND EARTH MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in calcining, dead burning, or otherwise processing beyond beneficiation, clays, ceramic and refractory minerals, barite, and miscellaneous nonmetallic minerals.

### **327993 MINERAL WOOL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing mineral wool and mineral wool (i.e., fiberglass) insulation products made of such siliceous materials as rock, slag, and glass or combinations thereof.

### **327999 ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; abrasive products; cut stone and stone products; ground and treated minerals and earth; and mineral wool).

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### **331 PRIMARY METAL MANUFACTURING**

Industries in the Primary Metal Manufacturing subsector smelt and/or refine ferrous and nonferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgical techniques. Establishments in this subsector also manufacture metal alloys and superalloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing, and extruding operations to make sheet, strip, bar, rod, or wire, and in molten form to make castings and other basic metal products.

Primary manufacturing of ferrous and nonferrous metals begins with ore or concentrate as the primary input. Establishments manufacturing primary metals from ore and/or concentrate remain classified in the primary smelting, primary refining, or iron and steel mill industries regardless of the form of their output. Establishments primarily engaged in secondary smelting and/or secondary refining recover ferrous and nonferrous metals from scrap and/or dross. The output of the secondary smelting and/or secondary refining industries is limited to shapes, such as ingot or billet, that will be further processed. Recovery of metals from scrap often occurs in establishments that are primarily engaged in activities, such as rolling, drawing, extruding, or similar processes.

Excluded from the Primary Metal Manufacturing subsector are establishments primarily engaged in manufacturing ferrous and nonferrous forgings (except ferrous forgings made in steel mills) and stampings. Although forging, stamping, and casting are all methods used to make metal shapes, forging and stamping do not use molten metals and are included in Subsector 332, Fabricated Metal Product Manufacturing. Establishments primarily engaged in operating coke ovens are classified in Industry 32419, Other Petroleum and Coal Products Manufacturing.

#### **3311 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING**

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

1. Direct reduction of iron ore;
2. Manufacturing pig iron in molten or solid form;
3. Converting pig iron into steel;
4. Manufacturing ferroalloys;
5. Making steel;
6. Making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. Making steel and forming pipe and tube.

#### **33111 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING**

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

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

#### **331111 IRON AND STEEL MILLS**

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

1. direct reduction of iron ore;

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **331311 ALUMINA REFINING**

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

### **331312 PRIMARY ALUMINUM PRODUCTION**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

This industry comprises establishments primarily engaged in:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **3315 FOUNDRIES**

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

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

### **33151 FERROUS METAL FOUNDRIES**

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

#### **331511 IRON FOUNDRIES**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **3321 FORGING AND STAMPING**

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

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

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

### **33211 FORGING AND STAMPING**

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

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

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

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

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

### **332112 NONFERROUS FORGING**

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

### **332114 CUSTOM ROLL FORMING**

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

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

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

### **332116 METAL STAMPING**

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

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

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

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

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

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

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

### **33221 CUTLERY AND HANDTOOL MANUFACTURING**

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

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

### **332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING**

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

### **332212 HAND AND EDGE TOOL MANUFACTURING**

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

### **332213 SAW BLADE AND HANDSAW MANUFACTURING**

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

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

### **332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING**

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

### **3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING**

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

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

### **33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING**

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

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

### **332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING**

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

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### **332312 FABRICATED STRUCTURAL METAL MANUFACTURING**

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

### **332313 PLATE WORK MANUFACTURING**

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

### **33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING**

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

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

### **332321 METAL WINDOW AND DOOR MANUFACTURING**

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

### **332322 SHEET METAL WORK MANUFACTURING**

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

### **332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING**

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

### **3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING**

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

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

### **33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING**

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

### **332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING**

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

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### **33242 METAL TANK (HEAVY GAUGE) MANUFACTURING**

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

### **332420 METAL TANK (HEAVY GAUGE) MANUFACTURING**

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

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

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

### **332431 METAL CAN MANUFACTURING**

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

### **332439 OTHER METAL CONTAINER MANUFACTURING**

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

### **3325 HARDWARE MANUFACTURING**

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

### **33251 HARDWARE MANUFACTURING**

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

### **332510 HARDWARE MANUFACTURING**

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

### **3326 SPRING AND WIRE PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in:

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

### **33261 SPRING AND WIRE PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in:

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



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### **332611 SPRING (HEAVY GAUGE) MANUFACTURING**

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

### **332612 SPRING (LIGHT GAUGE) MANUFACTURING**

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

### **332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING**

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

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

This industry group comprises establishments primarily engaged in:

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

#### **33271 MACHINE SHOPS**

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

##### **332710 MACHINE SHOPS**

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

##### **33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING**

This industry comprises establishments primarily engaged in:

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

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

##### **332721 PRECISION TURNED PRODUCT MANUFACTURING**

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

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

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

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### **3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES**

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

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

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

### **33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES**

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

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

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

### **332811 METAL HEAT TREATING**

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

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

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

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

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### **332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING**

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

### **3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING**

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

### **33291 METAL VALVE MANUFACTURING**

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

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

### **332911 INDUSTRIAL VALVE MANUFACTURING**

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

### **332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING**

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

### **332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING**

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

### **332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING**

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

### **33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING**

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

### **332991 BALL AND ROLLER BEARING MANUFACTURING**

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

### **332992 SMALL ARMS AMMUNITION MANUFACTURING**

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

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### **332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING**

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

### **332994 SMALL ARMS MANUFACTURING**

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

### **332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING**

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

### **332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING**

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

### **332997 INDUSTRIAL PATTERN MANUFACTURING**

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

### **332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING**

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

### **332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING**

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

## **333 MACHINERY MANUFACTURING**

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

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

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

### **3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING**

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

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

#### **33311 AGRICULTURAL IMPLEMENT MANUFACTURING**

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

##### **333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING**

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

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

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

#### **33312 CONSTRUCTION MACHINERY MANUFACTURING**

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

##### **333120 CONSTRUCTION MACHINERY MANUFACTURING**

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

#### **33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING**

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

##### **333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING**

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

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

##### **333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING**

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

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

### **3332 INDUSTRIAL MACHINERY MANUFACTURING**

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

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

#### **33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING**

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

##### **333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING**

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

#### **33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING**

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

##### **333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING**

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

#### **33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING**

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

##### **333291 PAPER INDUSTRY MACHINERY MANUFACTURING**

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

##### **333292 TEXTILE MACHINERY MANUFACTURING**

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

##### **333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING**

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

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### **333294 FOOD PRODUCT MACHINERY MANUFACTURING**

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

### **333295 SEMICONDUCTOR MACHINERY MANUFACTURING**

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

### **333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING**

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

### **3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING**

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

### **33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING**

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

### **333311 AUTOMATIC VENDING MACHINE MANUFACTURING**

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

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

### **333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING**

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

### **333313 OFFICE MACHINERY MANUFACTURING**

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

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### **333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING**

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

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

### **333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING**

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

### **333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING**

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

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

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

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

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

### **333411 AIR PURIFICATION EQUIPMENT MANUFACTURING**

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

### **333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING**

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

### **333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING**

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

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

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

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



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### **3335 METALWORKING MACHINERY MANUFACTURING**

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

### **33351 METALWORKING MACHINERY MANUFACTURING**

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

### **333511 INDUSTRIAL MOLD MANUFACTURING**

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

### **333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING**

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

### **333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING**

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

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

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

### **333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING**

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

### **333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING**

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

### **333518 OTHER METALWORKING MACHINERY MANUFACTURING**

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

### **3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING**

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

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### **33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING**

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

#### **333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING**

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

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

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

#### **333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING**

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

#### **333618 OTHER ENGINE EQUIPMENT MANUFACTURING**

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

#### **3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING**

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

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

#### **33391 PUMP AND COMPRESSOR MANUFACTURING**

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

##### **333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING**

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

##### **333912 AIR AND GAS COMPRESSOR MANUFACTURING**

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

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### **333913 MEASURING AND DISPENSING PUMP MANUFACTURING**

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

### **33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING**

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

### **333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING**

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

### **333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING**

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

### **333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING**

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

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

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

### **33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING**

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

### **333991 POWER-DRIVEN HANDTOOL MANUFACTURING**

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

### **333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING**

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

### **333993 PACKAGING MACHINERY MANUFACTURING**

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

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### **333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING**

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

### **333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING**

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

### **333996 FLUID POWER PUMP AND MOTOR MANUFACTURING**

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

### **333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING**

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

### **333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING**

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

## **334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING**

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

### **3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING**

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

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

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

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

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

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3. perform arithmetical computations specified by the user; and
4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

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

### **334111 ELECTRONIC COMPUTER MANUFACTURING**

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

1. store the processing program or programs and the data immediately necessary for the execution of the program;
2. can be freely programmed in accordance with the requirements of the user;
3. perform arithmetical computations specified by the user; and
4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and contain at least analog, control, and programming elements. The manufacture of computers includes the assembly or integration of processors, coprocessors, memory, storage, and input/output devices into a user-programmable final product.

### **334112 COMPUTER STORAGE DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer storage devices that allow the storage and retrieval of data from a phase change, magnetic, optical, or magnetic/optical media. Examples of products made by these establishments are CD-ROM drives, floppy disk drives, hard disk drives, and tape storage and backup units.

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### **334113 COMPUTER TERMINAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer terminals. Computer terminals are input/output devices that connect with a central computer for processing.

### **334119 OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer peripheral equipment (except storage devices and computer terminals).

### **3342 COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Telephone apparatus manufacturing;
2. Radio and television broadcasting and wireless communications equipment manufacturing; and
3. Other communications equipment manufacturing.

### **33421 TELEPHONE APPARATUS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be standalone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, LAN modems, multi-user modems, and other data communications equipment, such as bridges, routers, and gateways.

### **334210 TELEPHONE APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be stand-alone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, and data communications equipment, such as bridges, routers, and gateways.

### **33422 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are: transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

### **334220 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

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### **33429 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, and radio and television broadcast, and wireless communications equipment).

### **334290 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, radio and television broadcast, and wireless communications equipment).

### **3343 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **33431 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **334310 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

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### **3344 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

### **33441 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

### **334411 ELECTRON TUBE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electron tubes and parts (except glass blanks). Examples of products made by these establishments are cathode ray tubes (i.e., picture tubes), klystron tubes, magnetron tubes, and traveling wave tubes.

### **334412 BARE PRINTED CIRCUIT BOARD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing bare (i.e., rigid or flexible) printed circuit boards without mounted electronic components. These establishments print, perforate, plate, screen, etch, or photoprint interconnecting pathways for electric current on laminates.

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### **334413 SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing semiconductors and related solid state devices. Examples of products made by these establishments are integrated circuits, memory chips, microprocessors, diodes, transistors, solar cells and other optoelectronic devices.

### **334414 ELECTRONIC CAPACITOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic fixed and variable capacitors and condensers.

### **334415 ELECTRONIC RESISTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic resistors, such as fixed and variable resistors, resistor networks, thermistors, and varistors.

### **334416 ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic inductors, such as coils and transformers.

### **334417 ELECTRONIC CONNECTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic connectors, such as coaxial; cylindrical; rack and panel; pin and sleeve; printed circuit; and fiber optic.

### **334418 PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in loading components onto printed circuit boards or who manufacture and ship loaded printed circuit boards. Also known as printed circuit assemblies, electronics assemblies, or modules, these products are printed circuit boards that have some or all of the semiconductor and electronic components inserted or mounted and are inputs to a wide variety of electronic systems and devices.

### **334419 OTHER ELECTRONIC COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic components (except electron tubes; bare printed circuit boards; semiconductors and related devices; electronic capacitors; electronic resistors; coils, transformers, and other inductors; connectors; and loaded printed circuit boards).

### **3345 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

### **33451 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.



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### **334510 ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus, such as magnetic resonance imaging equipment, medical ultrasound equipment, pacemakers, hearing aids, electrocardiographs, and electromedical endoscopic equipment.

### **334511 SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Examples of products made by these establishments are aircraft instruments (except engine), flight recorders, navigational instruments and systems, radar systems and equipment, and sonar systems and equipment.

### **334512 AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE**

This U.S. industry comprises establishments primarily engaged in manufacturing automatic controls and regulators for applications, such as heating, air-conditioning, refrigeration, and appliances.

### **334513 INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and related devices for measuring, displaying, indicating, recording, transmitting, and controlling industrial process variables. These instruments measure, display, or control (i.e., monitor and analyze) industrial process variables, such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration, and rotation.

### **334514 TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing totalizing (i.e., registering) fluid meters and counting devices. Examples of products made by these establishments are gas consumption meters, water consumption meters, parking meters, taxi meters, motor vehicle gauges, and fare collection equipment.

### **334515 INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments for measuring and testing the characteristics of electricity and electrical signals. Examples of products made by these establishments are circuit and continuity testers, volt meters, ohm meters, wattmeters, multimeters, and semiconductor test equipment.

### **334516 ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and instrumentation systems for laboratory analysis of the chemical or physical composition or concentration of samples of solid, fluid, gaseous, or composite material.

### **334517 IRRADIATION APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing irradiation apparatus and tubes for applications, such as medical diagnostic, medical therapeutic, industrial, and research and scientific evaluation. Irradiation can take the form of beta-rays, gamma-rays, X-rays, or other ionizing radiation.

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### **334518 WATCH, CLOCK, AND PART MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling: clocks; watches; timing mechanisms for clockwork operated devices; time clocks; time and date recording devices; and clock and watch parts (except crystals), such as springs, jewels, and modules.

### **334519 OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and controlling devices (except search, detection, navigation, guidance, aeronautical, and nautical instruments and systems; automatic environmental controls for residential, commercial, and appliance use; instruments for measurement, display, and control of industrial process variables; totalizing fluid meters and counting devices; instruments for measuring and testing electricity and electrical signals; analytical laboratory instruments; watches, clocks, and parts; irradiation equipment; and electromedical and electrotherapeutic apparatus).

### **3346 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA**

This industry group comprises establishments primarily engaged in:

1. Manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or
2. Mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

### **33461 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA**

This industry comprises establishments primarily engaged in:

1. manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or;
2. mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

### **334611 SOFTWARE REPRODUCING**

This U.S. industry comprises establishments primarily engaged in mass reproducing computer software. These establishments do not generally develop any software, they mass reproduce data and programs on magnetic media, such as diskettes, tapes, or cartridges. Establishments in this industry mass reproduce products, such as CD-ROMs and game cartridges.

### **334612 PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING**

This U.S. industry comprises establishments primarily engaged in mass reproducing audio and video material on magnetic or optical media. Examples of products mass reproduced by these establishments are audio compact discs, prerecorded audio and video cassettes, and laser discs.

### **334613 MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing magnetic and optical recording media, such as blank magnetic tape, blank diskettes, blank optical discs, hard drive media, and blank magnetic tape cassettes.

### **335 ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING**

Industries in the Electrical Equipment, Appliance, and Component Manufacturing subsector manufacture products that generate, distribute and use electrical power. Electric Lighting Equipment Manufacturing establishments produce electric lamp bulbs, lighting fixtures, and parts. Household

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Appliance Manufacturing establishments make both small and major electrical appliances and parts. Electrical Equipment Manufacturing establishments make goods, such as electric motors, generators, transformers, and switchgear apparatus. Other Electrical Equipment and Component Manufacturing establishments make devices for storing electrical power (e.g., batteries), for transmitting electricity (e.g., insulated wire), and wiring devices (e.g., electrical outlets, fuse boxes, and light switches).

### **3351 ELECTRIC LIGHTING EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Electric lamp bulb and part manufacturing and/or
2. Lighting fixture manufacturing.

#### **33511 ELECTRIC LAMP BULB AND PART MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

##### **335110 ELECTRIC LAMP BULB AND PART MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

#### **33512 LIGHTING FIXTURE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except vehicular), nonelectric lighting equipment, lamp shades (except glass and plastics), and lighting fixture components (except current-carrying wiring devices).

##### **335121 RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fixed or portable residential electric lighting fixtures and lamp shades of metal, paper, or textiles. Residential electric lighting fixtures include those for use both inside and outside the residence.

##### **335122 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures.

##### **335129 OTHER LIGHTING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except residential, commercial, industrial, institutional, and vehicular) and nonelectric lighting equipment.

### **3352 HOUSEHOLD APPLIANCE MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Small electrical appliance manufacturing and/or
2. Major appliance manufacturing.

#### **33521 SMALL ELECTRICAL APPLIANCE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares, household-type fans, household-type vacuum cleaners, and other electric household-type floor care machines.

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### **335211 ELECTRIC HOUSEWARES AND HOUSEHOLD FAN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares for heating, cooking, and other purposes, and electric household-type fans (except attic fans).

### **335212 HOUSEHOLD VACUUM CLEANER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric vacuum cleaners, electric floor waxing machines, and other electric floor care machines typically for household use.

### **33522 MAJOR APPLIANCE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and nonelectrical major household-type appliances, such as dishwashers, water heaters, and garbage disposal units.

### **335221 HOUSEHOLD COOKING APPLIANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type electric and nonelectric cooking equipment (except small electric appliances and electric housewares).

### **335222 HOUSEHOLD REFRIGERATOR AND HOME FREEZER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type refrigerators and upright and chest freezers.

### **335224 HOUSEHOLD LAUNDRY EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type laundry equipment.

### **335228 OTHER MAJOR HOUSEHOLD APPLIANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric and non-electric major household-type appliances (except cooking equipment, refrigerators, upright and chest freezers, and household-type laundry equipment).

### **3353 ELECTRICAL EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

### **33531 ELECTRICAL EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

### **335311 POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers (except electronic components). Industrial-type and consumer-type transformers in this industry vary (e.g., step up or step down) voltage but do not convert alternating to direct or direct to alternating current.

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### **335312 MOTOR AND GENERATOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric motors (except internal combustion engine starting motors), power generators (except battery charging alternators for internal combustion engines), and motor generator sets (except turbine generator set units). This industry includes establishments rewinding armatures on a factory basis.

### **335313 SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing switchgear and switchboard apparatus.

### **335314 RELAY AND INDUSTRIAL CONTROL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing relays, motor starters and controllers, and other industrial controls and control accessories.

### **3359 OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing electrical equipment and components (except electric lighting equipment, household-type appliances, transformers, switchgear, relays, motors, and generators).

### **33591 BATTERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing primary and storage batteries.

### **335911 STORAGE BATTERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing storage batteries.

### **335912 PRIMARY BATTERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wet or dry primary batteries.

### **33592 COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING**

This industry comprises establishments insulating fiber-optic cable, and manufacturing insulated nonferrous wire and cable from nonferrous wire drawn in other establishments.

### **335921 FIBER OPTIC CABLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing insulated fiber-optic cable from purchased fiber-optic strand.

### **335929 OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing insulated wire and cable of nonferrous metals from purchased wire.

### **33593 WIRING DEVICE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices and noncurrent-carrying wiring devices for wiring electrical circuits.

### **335931 CURRENT-CARRYING WIRING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices.

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### **335932 NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing noncurrent-carrying wiring devices.

### **33599 ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electrical equipment (except electric lighting equipment, household-type appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, and wiring devices).

### **335991 CARBON AND GRAPHITE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; carbon and graphite fibers; and other carbon, graphite, and metal-graphite products.

### **335999 ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial and commercial electric apparatus and other equipment (except lighting equipment, household appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, wiring devices, and carbon and graphite products). This industry includes power converters (i.e., AC to DC and DC to AC), power supplies, surge suppressors, and similar equipment for industrial-type and consumer-type equipment.

### **336 TRANSPORTATION EQUIPMENT MANUFACTURING**

Industries in the Transportation Equipment Manufacturing subsector produce equipment for transporting people and goods. Transportation equipment is a type of machinery. An entire subsector is devoted to this activity because of the significance of its economic size in all three North American countries.

Establishments in this subsector utilize production processes similar to those of other machinery manufacturing establishments - bending, forming, welding, machining, and assembling metal or plastic parts into components and finished products. However, the assembly of components and subassemblies and their further assembly into finished vehicles tends to be a more common production process in this subsector than in the Machinery Manufacturing subsector.

NAICS has industry groups for the manufacture of equipment for each mode of transport - road, rail, air and water. Parts for motor vehicles warrant a separate industry group because of their importance and because parts manufacture requires less assembly, and the establishments that manufacture only parts are not as vertically integrated as those that make complete vehicles.

Land use motor vehicle equipment not designed for highway operation (e.g., agricultural equipment, construction equipment, and materials handling equipment) is classified in the appropriate NAICS subsector based on the type and use of the equipment.

### **3361 MOTOR VEHICLE MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Automobile and light duty motor vehicle manufacturing and/or
2. Heavy duty truck manufacturing.

### **33611 AUTOMOBILE AND LIGHT DUTY MOTOR VEHICLE MANUFACTURING**

This industry comprises establishments primarily engaged in:

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1. manufacturing complete automobile and light duty motor vehicles (i.e., body and chassis or unibody) or
  2. manufacturing chassis only.

### **336111 AUTOMOBILE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete automobiles (i.e., body and chassis or unibody) or
2. manufacturing automobile chassis only.

### **336112 LIGHT TRUCK AND UTILITY VEHICLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete light trucks and utility vehicles (i.e., body and chassis) or
2. manufacturing light truck and utility vehicle chassis only.

Vehicles made include light duty vans, pick-up trucks, minivans, and sport utility vehicles.

### **33612 HEAVY DUTY TRUCK MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

### **336120 HEAVY DUTY TRUCK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

### **3362 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Manufacturing motor vehicle bodies and cabs or
2. Manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

### **33621 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. manufacturing motor vehicle bodies and cabs or
2. manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

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The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

### **336211 MOTOR VEHICLE BODY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing truck and bus bodies and cabs and automobile bodies. The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

### **336212 TRUCK TRAILER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing truck trailers, truck trailer chassis, cargo container chassis, detachable trailer bodies, and detachable trailer chassis for sale separately.

### **336213 MOTOR HOME MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in:

1. manufacturing motor homes on purchased chassis and/or
2. manufacturing conversion vans on an assembly line basis.

Motor homes are units where the motor and the living quarters are integrated in the same unit.

### **336214 TRAVEL TRAILER AND CAMPER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing travel trailers and campers designed to attach to motor vehicles;
2. manufacturing pickup coaches (i.e., campers) and caps (i.e., covers) for mounting on pickup trucks; and
3. manufacturing automobile, utility, and light-truck trailers.

Travel trailers do not have their own motor but are designed to be towed by a motor unit, such as an automobile or a light truck.

### **3363 MOTOR VEHICLE PARTS MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Motor vehicle gasoline engine and engine parts manufacturing;
2. Motor vehicle electrical and electronic equipment manufacturing;
3. Motor vehicle steering and suspension components (except spring) manufacturing;
4. Motor vehicle brake system manufacturing;
5. Motor vehicle transmission and power train parts manufacturing;
6. Motor vehicle seating and interior trim manufacturing;
7. Motor vehicle metal stamping; and/or
8. Other motor vehicle parts manufacturing.

### **33631 MOTOR VEHICLE GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle gasoline engines, and engine parts, whether or not for vehicular use.



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### **336311 CARBURETOR, PISTON, PISTON RING, AND VALVE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding carburetors, pistons, piston rings, and engine intake and exhaust valves.

### **336312 GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding gasoline motor vehicle engines and gasoline motor vehicle engine parts, excluding carburetors, pistons, piston rings, and valves.

### **33632 MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. manufacturing vehicular lighting and/or
2. manufacturing and/or rebuilding motor vehicle electrical and electronic equipment.

The products made can be used for all types of transportation equipment (i.e., aircraft, automobiles, trains, and ships).

### **336321 VEHICULAR LIGHTING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing vehicular lighting fixtures.

### **336322 OTHER MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding electrical and electronic equipment for motor vehicles and internal combustion engines.

### **33633 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

### **336330 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

### **33634 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

### **336340 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

### **33635 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

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### **336350 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

### **33636 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

### **336360 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

### **33637 MOTOR VEHICLE METAL STAMPING**

This industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

### **336370 MOTOR VEHICLE METAL STAMPING**

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

### **33639 OTHER MOTOR VEHICLE PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, and motor vehicle stampings).

### **336391 MOTOR VEHICLE AIR-CONDITIONING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing air-conditioning systems and compressors for motor vehicles, such as automobiles, trucks, buses, aircraft, farm machinery, construction machinery, and other related vehicles.

### **336399 ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, motor vehicle stampings, and motor vehicle air-conditioning systems and compressors).

### **3364 AEROSPACE PRODUCT AND PARTS MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing complete aircraft, missiles, or space vehicles;
2. Manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. Developing and making prototypes of aerospace products;
4. Aircraft conversion (i.e., major modifications to systems); and
5. Complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

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### **33641 AEROSPACE PRODUCT AND PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing complete aircraft, missiles, or space vehicles;
2. manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. developing and making prototypes of aerospace products;
4. aircraft conversion (i.e., major modifications to systems); and
5. complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

### **336411 AIRCRAFT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing or assembling complete aircraft;
2. developing and making aircraft prototypes;
3. aircraft conversion (i.e., major modifications to systems); and
4. complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

### **336412 AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing aircraft engines and engine parts;
2. developing and making prototypes of aircraft engines and engine parts;
3. aircraft propulsion system conversion (i.e., major modifications to systems); and
4. aircraft propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft propulsion system to original design specifications).

### **336413 OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing aircraft parts or auxiliary equipment (except engines and aircraft fluid power subassemblies) and/or
2. developing and making prototypes of aircraft parts and auxiliary equipment.

Auxiliary equipment includes such items as crop dusting apparatus, armament racks, inflight refueling equipment, and external fuel tanks.

### **336414 GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete guided missiles and space vehicles and/or
2. developing and making prototypes of guided missile or space vehicles.

### **336415 GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and/or space vehicle propulsion units and propulsion unit parts and/or

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2. developing and making prototypes of guided missile and space vehicle propulsion units and propulsion unit parts.

### **336419 OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and space vehicle parts and auxiliary equipment (except guided missile and space vehicle propulsion units and propulsion unit parts) and/or
2. developing and making prototypes of guided missile and space vehicle parts and auxiliary equipment.

### **3365 RAILROAD ROLLING STOCK MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. Manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. Manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

### **33651 RAILROAD ROLLING STOCK MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

### **336510 RAILROAD ROLLING STOCK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

### **3366 SHIP AND BOAT BUILDING**

This industry group comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

### **33661 SHIP AND BOAT BUILDING**

This industry comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for

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other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

### **336611 SHIP BUILDING AND REPAIRING**

This U.S. industry comprises establishments primarily engaged in operating a shipyard. Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

### **336612 BOAT BUILDING**

This U.S. industry comprises establishments primarily engaged in building boats. Boats are defined as watercraft not built in shipyards and typically of the type suitable or intended for personal use.

### **3369 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles and parts, aerospace products and parts, railroad rolling stock, ship building, and boat manufacturing).

### **33699 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, metal tricycles, complete military armored vehicles, tanks, self-propelled weapons, vehicles pulled by draft animals, and other transportation equipment (except motor vehicles, boats, ships, railroad rolling stock, and aerospace products), including parts thereof.

### **336991 MOTORCYCLE, BICYCLE, AND PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, tricycles and similar equipment, and parts.

### **336992 MILITARY ARMORED VEHICLE, TANK, AND TANK COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing complete military armored vehicles, combat tanks, specialized components for combat tanks, and self-propelled weapons.

### **336999 ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles, motor vehicle parts, boats, ships, railroad rolling stock, aerospace products, motorcycles, bicycles, and armored vehicles and tanks).

### **337 FURNITURE AND RELATED PRODUCT MANUFACTURING**

Industries in the Furniture and Related Product Manufacturing subsector make furniture and related articles, such as mattresses, window blinds, cabinets, and fixtures. The processes used in the manufacture of furniture include the cutting, bending, molding, laminating, and assembly of such materials as wood, metal, glass, plastics, and rattan. However, the production process for

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furniture is not solely bending metal, cutting and shaping wood, or extruding and molding plastics. Design and fashion trends play an important part in the production of furniture. The integrated design of the article for both esthetic and functional qualities is also a major part of the process of manufacturing furniture. Design services may be performed by the furniture establishment's work force or may be purchased from industrial designers.

Furniture may be made of any material, but the most common ones used in North America are metal and wood. Furniture manufacturing establishments may specialize in making articles primarily from one material. Some of the equipment required to make a wooden table, for example, is different from that used to make a metal one. However, furniture is usually made from several materials. A wooden table might have metal brackets, and a wooden chair a fabric or plastics seat. Therefore, in NAICS, furniture initially is classified based on the type of furniture (application for which it is designed) rather than the material used. For example, an upholstered sofa is treated as household furniture, although it may also be used in hotels or offices.

When classifying furniture according to the component material from which it is made, furniture made from more than one material is classified based on the material used in the frame, or if there is no frame, the predominant component material. Upholstered household furniture (excluding kitchen and dining room chairs with upholstered seats) is classified without regard to the frame material. Kitchen or dining room chairs with upholstered seats are classified according to the frame material.

Furniture may be made on a stock or custom basis and may be shipped assembled or unassembled (i.e., knockdown). The manufacture of furniture parts and frames is included in this subsector.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing. For example, cutting and assembly occurs in the production of wood trusses that are classified in Subsector 321, Wood Product Manufacturing. However, the multiple processes that distinguish wood furniture manufacturing from wood product manufacturing warrant inclusion of wooden furniture manufacturing in the Furniture and Related Product Manufacturing subsector. Metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in Subsector 332, Fabricated Metal Product Manufacturing. The molding process for plastics furniture is similar to the molding of other plastics products. However, plastics furniture producing establishments tend to specialize in furniture.

NAICS attempts to keep furniture manufacturing together, but there are two notable exceptions: seating for transportation equipment and laboratory and hospital furniture. These exceptions are related to that fact that some of the aspects of the production process for these products, primarily the design, are highly integrated with that of other manufactured goods, namely motor vehicles and health equipment.

### **3371 HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTURING**

This industry group comprises establishments manufacturing household-type furniture, such as living room, kitchen and bedroom furniture and institutional (i.e., public building) furniture, such as furniture for schools, theaters, and churches.

#### **33711 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

##### **337110 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

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### **33712 HOUSEHOLD AND INSTITUTIONAL FURNITURE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing household-type and public building furniture (i.e., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337121 UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing upholstered household-type furniture. The furniture may be made on a stock or custom basis.

#### **337122 NONUPHOLSTERED WOOD HOUSEHOLD FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonupholstered wood household-type furniture and freestanding cabinets (except television, radio, and sewing machine cabinets). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337124 METAL HOUSEHOLD FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal household-type furniture and freestanding cabinets. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337125 HOUSEHOLD FURNITURE (EXCEPT WOOD AND METAL) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type furniture of materials other than wood or metal, such as plastics, reed, rattan, wicker, and fiberglass. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337127 INSTITUTIONAL FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing institutional-type furniture (e.g., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337129 WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood cabinets used as housings by television, stereo, loudspeaker, and sewing machine manufacturers.

### **3372 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **33721 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

##### **337211 WOOD OFFICE FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

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### **337212 CUSTOM ARCHITECTURAL WOODWORK AND MILLWORK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing custom designed interiors consisting of architectural woodwork and fixtures utilizing wood, wood products, and plastics laminates. All of the industry output is made to individual order on a job shop basis and requires skilled craftsmen as a labor input. A job might include custom manufacturing of display fixtures, gondolas, wall shelving units, entrance and window architectural detail, sales and reception counters, wall paneling, and matching furniture.

### **337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

### **337215 SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood and nonwood office and store fixtures, shelving, lockers, frames, partitions, and related fabricated products of wood and nonwood materials, including plastics laminated fixture tops. The products are made on a stock basis and may be assembled or unassembled (i.e., knockdown). Establishments exclusively making furniture parts (e.g., frames) are included in this industry.

### **337211 WOOD OFFICE FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

### **337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

### **3379 OTHER FURNITURE RELATED PRODUCT MANUFACTURING**

This industry group comprises establishments manufacturing furniture related products, such as mattresses, blinds, and shades.

### **33791 MATTRESS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

### **337910 MATTRESS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

### **33792 BLIND AND SHADE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing one or more of the following: venetian blinds, other window blinds, shades; curtain and drapery rods, poles; and/or curtain and drapery fixtures. The blinds and shades may be made on a stock or custom basis and may be made of any material.

### **337920 BLIND AND SHADE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing one or more of the following:



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1. venetian blinds, other window blinds, shades;
  2. curtain and drapery rods, poles; and/or
  3. curtain and drapery fixtures.

The blinds and shades may be made on a stock or custom basis and may be made of any material.

### **339 MISCELLANEOUS MANUFACTURING**

Industries in the Miscellaneous Manufacturing subsector make a wide range of products that cannot readily be classified in specific NAICS subsectors in manufacturing. Processes used by these establishments vary significantly, both among and within industries. For example, a variety of manufacturing processes are used in manufacturing sporting and athletic goods that include products, such as tennis racquets and golf balls. The processes for these products differ from each other, and the processes differ significantly from the fabrication processes used in making dolls or toys, the melting and shaping of precious metals to make jewelry, and the bending, forming, and assembly used in making medical products.

The industries in this subsector are defined by what is made rather than how it is made. Although individual establishments might be appropriately classified elsewhere in the NAICS structure, for historical continuity, these product-based industries were maintained. In most cases, no one process or material predominates for an industry.

Establishments in this subsector manufacture products as diverse as medical equipment and supplies, jewelry, sporting goods, toys, and office supplies.

#### **3391 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

##### **33911 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

###### **339111 LABORATORY APPARATUS AND FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing laboratory apparatus and laboratory and hospital furniture (except dental). Examples of products made by these establishments are hospital beds, operating room tables, laboratory balances and scales, furnaces, ovens, centrifuges, cabinets, cases, benches, tables, and stools.

For this industry, the 1997 Economic Census did not fully implement the conversion to NAICS. The data from 1997 to 2001 for NAICS industry 339111 did not include establishments primarily engaged in the manufacture of hospital beds and other hospital furniture. These establishments are included in the 2002 Economic Census data.

###### **339112 SURGICAL AND MEDICAL INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus (except electrotherapeutic, electro-medical and irradiation apparatus). Examples of products made by these establishments are syringes, hypodermic needles, anesthesia apparatus, blood transfusion equipment, catheters, surgical clamps, and medical thermometers.

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### **339113 SURGICAL APPLIANCE AND SUPPLIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing surgical appliances and supplies. Examples of products made by these establishments are orthopedic devices, prosthetic appliances, surgical dressings, crutches, surgical sutures, and personal industrial safety devices (except protective eyewear).

### **339114 DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing dental equipment and supplies used by dental laboratories and offices of dentists, such as dental chairs, dental instrument delivery systems, dental hand instruments, and dental impression material and dental cements.

### **339115 OPHTHALMIC GOODS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ophthalmic goods. Examples of products made by these establishments are prescription eyeglasses (except manufactured in a retail setting), contact lenses, sunglasses, eyeglass frames, reading glasses made to standard powers, and protective eyewear.

### **339116 DENTAL LABORATORIES**

This U.S. industry comprises establishments primarily engaged in manufacturing dentures, crowns, bridges, and orthodontic appliances customized for individual application.

### **3399 OTHER MISCELLANEOUS MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Jewelry and silverware manufacturing;
2. Sporting and athletic goods manufacturing;
3. Doll, toy, and game manufacturing;
4. Office supplies (except paper) manufacturing;
5. Sign manufacturing; and/or
6. All other miscellaneous manufacturing.

### **33991 JEWELRY AND SILVERWARE MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing, engraving, chasing, or etching jewelry;
2. manufacturing metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
3. manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter cutlery and flatware;
4. manufacturing, engraving, chasing, or etching personal metal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
5. stamping coins;
6. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
7. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
8. recutting, repolishing, and setting gem stones; and

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9. drilling, sawing, and peeling cultured and costume pearls.

### **339911 JEWELRY (EXCEPT COSTUME) MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, or etching precious metal solid or precious metal clad jewelry;
2. manufacturing, engraving, chasing, or etching personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases) made of precious solid or clad metal; and
3. stamping coins.

### **339912 SILVERWARE AND HOLLOWWARE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter flatware and other hollowware.

### **339913 JEWELERS' MATERIAL AND LAPIDARY WORK MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
2. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
3. recutting, repolishing, and setting gem stones; and
4. drilling, sawing, and peeling cultured pearls.

### **339914 COSTUME JEWELRY AND NOVELTY MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, and etching costume jewelry; and/or
2. manufacturing, engraving, chasing, or etching nonprecious metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases).

This industry includes establishments primarily engaged in manufacturing precious plated jewelry and precious plated personal goods.

### **33992 SPORTING AND ATHLETIC GOODS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

### **339920 SPORTING AND ATHLETIC GOODS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

### **33993 DOLL, TOY, AND GAME MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing dolls, toys, and games, such as complete dolls, doll parts, doll clothes, action figures, toys, games (including electronic), hobby kits, and children's vehicles (except metal bicycles and tricycles).

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### **339931 DOLL AND STUFFED TOY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing complete dolls, doll parts, and doll clothes; action figures; and stuffed toys.

### **339932 GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing games (including electronic), toys, and children's vehicles (except bicycles and metal tricycles).

### **33994 OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing office supplies. Examples of products made by these establishments are pens, pencils, felt tip markers, crayons, chalk, pencil sharpeners, staplers, hand operated stamps, modeling clay, and inked ribbons.

### **339941 PEN AND MECHANICAL PENCIL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing pens, ballpoint pen refills and cartridges, mechanical pencils, and felt tipped markers.

### **339942 LEAD PENCIL AND ART GOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonmechanical pencils and art goods. Examples of products made by these establishments are pencil leads, crayons, chalk, framed blackboards, pencil sharpeners, staplers, artists' palettes and paints, and modeling clay.

### **339943 MARKING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing marking devices, such as hand operated stamps, embossing stamps, stamp pads, and stencils.

### **339944 CARBON PAPER AND INKED RIBBON MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing carbon paper and inked ribbons.

### **33995 SIGN MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

### **339950 SIGN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

### **33999 ALL OTHER MISCELLANEOUS MANUFACTURING**

This industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), and signs).

### **339991 GASKET, PACKING, AND SEALING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing gaskets, packing, and sealing devices of all materials.

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### **339992 MUSICAL INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing musical instruments (except toys).

### **339993 FASTENER, BUTTON, NEEDLE, AND PIN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fasteners, buttons, needles, pins, and buckles (except precious metals or precious and semiprecious stones and gems).

### **339994 BROOM, BRUSH, AND MOP MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing brooms, mops, and brushes.

### **339995 BURIAL CASKET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing burial caskets, cases, and vaults (except concrete).

### **339999 ALL OTHER MISCELLANEOUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), musical instruments, fasteners, buttons, needles, pins, brooms, brushes, mops, and burial caskets).

# Appendix C.

## Methodology

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### SOURCES OF THE DATA

The manufacturing sector includes approximately 350,000 establishments. This number includes those industries in the North American Industry Classification System (NAICS) definition of manufacturing. The amount of information requested from manufacturing establishments was dependent upon a number of factors. The more important considerations were the size of the company and whether it was included in the Annual Survey of Manufactures (ASM).

Establishments in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:

- a. ASM sample establishments. This group accounts for approximately 15 percent of all manufacturing establishments. The ASM panel covers all the units of large manufacturing establishments, as well as a sample of the medium and smaller establishments. The probability of selection was proportionate to size. For more information, see the Description of the ASM Survey Sample.

In an economic census year, the ASM report form (MA-10000) replaces the first page of the regular census form for those establishments included in the ASM. In addition to information on employment, payroll, and other items normally requested on the regular census form, establishments in the ASM sample were requested to supply additional information on gross book value of assets and capital expenditures. ASM establishments were also requested to provide information on retirements, depreciation, rental payments, and supplemental labor costs. For establishments not included in the ASM, these additional items were estimated using relationships observed in the ASM establishment data. The census statistics for these variables are a sum of the ASM establishment data and the estimated data for non-ASM establishments. ASM establishments were also requested to provide information for selected purchased services. The census statistics for the purchased service items were derived solely from the ASM establishments. See Appendix A. Explanation of Terms, for an explanation of these items. The census part of the report form is 1 of 220 versions containing product, material, and special inquiries. The diversity of manufacturing activities necessitated the use of this many forms to canvass the 473 manufacturing industries. Each form was developed for a group of related industries.

Appearing on each form was a list of products primary to the group of related industries, as well as secondary products and miscellaneous services that establishments classified in these industries were likely to perform. Respondents were requested to identify the products, the value of each product, and, in certain cases, the quantity of the product shipped during the survey year. Space also was provided for the respondent to describe products not specifically identified on the form.

The report form also contained a materials-consumed inquiry, which varied from form to form depending on the industries being canvassed. The respondents were asked to review a list of materials generally used in their production processes. From this list, each establishment was requested to identify those materials consumed during the survey year, the cost of each, and, in certain cases, the quantity consumed. Once again, space was provided

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for the respondent to describe significant materials not listed on the form.

A wide variety of special inquiries were included to measure activities peculiar to a given industry, such as operations performed and equipment used.

- b. Large and medium establishments (non-ASM). Approximately 30 percent of all manufacturing establishments were included in this group. A variable cutoff, based on administrative-record payroll data and determined on an industry-by-industry basis, was used to select those establishments that were to receive 1 of the 220 economic census — manufacturing regular forms. The first page, requesting establishment data for items such as employment and payroll, was standard but did not contain the detailed statistics included on the ASM form. The product, material, and special inquiry sections supplied were based on the historical industry classification of the establishment.
- c. Small single-establishment companies (non-ASM). This group includes approximately 15 percent of all manufacturing establishments. For those industries where application of the variable cutoff for administrative-record cases resulted in a large number of small establishments being included in the mail canvass, an abbreviated “short form” was used. These establishments received 1 of the 31 versions of the short form, which requested summary product and material data and totals but no details on employment, payroll, cost of materials, inventories, and capital expenditures.

Use of the short form has no adverse effect on published totals for the industry statistics, because the same data were collected on the short form as on the long form. However, detailed information on products and materials consumed was not collected on the short form; thus, its use would increase the value of the “not specified by kind” (nsk) categories.

## 2. Establishments not sent a report form:

- a. Small single-establishment companies not sent a report form. Approximately 40 percent of the manufacturing establishments were small single-establishment companies that were excused from filing a census report. Selection of these establishments was based on two factors: annual payroll and the Census Bureau’s ability to assign the correct six-digit NAICS industry classification to the establishment. For each six-digit NAICS industry code, an annual payroll cutoff was determined. These cutoffs were derived so that the establishments with payroll less than the cutoff were expected to account for no more than 3 percent of the value of shipments for the industry. Generally, all single-establishment companies with less than 5 employees were excused, while all establishments with more than 20 employees were mailed forms. Establishments below the cutoff that could not be directly assigned a six-digit NAICS code were mailed a classification report that requested information for assigning NAICS industry codes. Establishments below the cutoff that could be directly assigned a six-digit NAICS code were excused from filing any report. For below cutoff establishments, information on the physical location, payroll, and receipts was obtained from the administrative records of other federal agencies under special arrangements that safeguarded their confidentiality.

Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The value of shipments and cost of materials were not distributed among specific products and materials for these establishments, but were included in the product and material “not specified by kind” (nsk) categories.

The industry classification codes included in the administrative-record files were assigned on the basis of brief descriptions of the general activity of the establishment. As a result, an indeterminate number of establishments were erroneously coded to a six-digit NAICS industry. This was especially true whenever there was a relatively fine line of demarcation between industries or between manufacturing and nonmanufacturing activity.

Sometimes the administrative-record cases had only two- or three-digit NAICS group classification codes available in the files. For manufacturing, these establishments were sent a

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separate classification form, which requested information on the products and services of the establishment. This form was used to code many of these establishments to the appropriate six-digit NAICS level. Establishments that did not return the classification form were coded later to those six-digit NAICS industries identified as “All other” industries within the given subsector.

As a result of these situations, a number of small establishments may have been misclassified by industry. However, such possible misclassification has no significant effect on the statistics, other than on the number of companies and establishments.

The total establishment count for individual industries should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 employees or more are far more reliable than the count of total number of establishments.

- b. All nonemployers, i.e., all firms subject to federal income tax, with no paid employees, during 2002 are excluded as in previous censuses. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at [help.econ.census.gov/econhelp/resources/](http://help.econ.census.gov/econhelp/resources/).

A more detailed examination of census methodology is presented in the *History of the Economic Census* at [www.census.gov/econ/www/history.html](http://www.census.gov/econ/www/history.html).

## **INDUSTRY CLASSIFICATION OF ESTABLISHMENTS**

The classifications for all establishments covered in the 2002 Economic Census — Manufacturing are classified in 1 of 473 industries in accordance with the industry definitions in the *North American Industry Classification System (NAICS), United States, 2002* manual. There were no changes between the 2002 edition and the 1997 edition affecting this sector. When applicable, Appendix F of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 2002, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. There are 1,450 product classes (seven-digit codes), 5,674 census products, and an additional 3,746 ten-digit product codes. The ten-digit products are considered the primary products of the industry with the same first six digits.

For the 2002 Economic Census — Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 2002, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.



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The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

As previously noted, the small establishments that may have been misclassified by industry are usually administrative-record cases whose industry codes were assigned on the basis of incomplete descriptions of the general activity of the establishment. Such possible misclassifications have no significant effect on the statistics other than on the number of companies and establishments.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments that may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry's output should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the primary product specialization ratio and the coverage ratio. The primary product specialization ratio is the proportion of industry shipments accounted for by the primary products of establishments classified in the industry. The coverage ratio is the proportion of product shipments accounted for by establishments classified in the industry.

#### **ESTABLISHMENT BASIS OF REPORTING**

The 2002 Economic Census — Manufacturing is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment. The ASM also is conducted on an establishment basis, but separate reports are filed for just those establishments selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports, if the plant records permit such a separation and if the activities are substantial in size.

In 2002, as in earlier years, a minimum size limit was set for inclusion of establishments in the census. All establishments employing one person or more at any time during the census year are included. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures, except for data on number of establishments for a few industries.

The 2002 Economic Census — Manufacturing excludes data for central administrative offices (CAOs). These would include separately operated administrative offices, warehouses, garages, and other auxiliary units that service manufacturing establishments of the same company. These data are published in a separate report series.

#### **DESCRIPTION OF THE ASM SURVEY SAMPLE**

The ASM sample is drawn for the second survey year after a census. The most recent sample was drawn for the 1999 survey year based on the 1997 Economic Census — Manufacturing. This sample will be in place through the 2003 ASM.

In 1997, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the establishments in the 1997 manufacturing population were partitioned into two components for developing estimates within the ASM. The details of each are described below:

1. Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies

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that operate at more than one physical location). Approximately 200,000 of the 370,000 establishments in the 1997 census were assigned to the mail stratum. On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1999 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1997 census. Supplemental samples representing both 1998 and 1999 births (newly active establishments that were not included in the 1997 census) were also selected. Establishments selected for the sample are mailed an ASM survey questionnaire for each year through 2003.

The 1999-2003 ASM sample design is similar to the one used since 1984. Companies in the 1997 Economic Census — Manufacturing with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1999-2003 sample, there are approximately 500 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. Across these arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1997 Economic Census — Manufacturing.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1997 industry classification and its 1997 product class data. For each product class (1,755) and six-digit industry (473), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints, while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by the Census Bureau's primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) that permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

2. Nonmail stratum. The initial nonmail component of the survey was comprised of approximately 170,000 small, single-establishment companies that were tabulated as administrative records in the 1997 Economic Census — Manufacturing. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the Internal Revenue Service (IRS) and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum. For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

## **RELIABILITY OF DATA**

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census. The following are two ways that further explain this method: ASM Estimating Procedure. Most of the ASM

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estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1997 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the “difference” between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1998-2002 ASM estimates, the 1997 Economic Census — Manufacturing values serve as the base year. For the 2003 ASM, the base will be updated to be the 2002 Economic Census — Manufacturing.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contained approximately 170,000 individual establishments in 1999, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication. ASM Data Qualifications. The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists, but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

- From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
- From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

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For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

#### **DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS**

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

#### **VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS**

The 2002 Economic Census — Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

#### **DISCLOSURE**

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or company. However, the number of establishments in a specific industry or geographic area is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at [www.census.gov/epcd/ec02/disclosure.htm](http://www.census.gov/epcd/ec02/disclosure.htm).

The disclosure analysis for the industry statistics files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. Nonetheless, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures, which can be suppressed even though value of shipments data are published.

# Appendix D.

## Geographic Notes

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### NORTH CAROLINA

**Andrews** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Cherokee County.

**Archdale** is in Guilford and Randolph Counties.

**Boiling Spring Lakes** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Brunswick County.

**Burlington** is in Alamance and Guilford Counties; it annexed into Guilford County in May 2000. This change deletes territory from the Balance of Guilford County.

**Cary** is in Chatham and Wake Counties.

**Chapel Hill** is in Durham and Orange Counties.

**Cramerton** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Gaston County.

**Davidson** is in Iredell and Mecklenburg Counties.

**Durham** is in Durham, Orange, and Wake Counties; it annexed into Wake County in December 1996, but this change was not submitted to the Census Bureau until July 1998. This change deletes territory from the Balance of Wake County.

**Elizabeth City** is in Camden and Pasquotank Counties.

**Elkin** is in Surry and Wilkes Counties.

**Elon** (21095) changed name and code from Elon College (21100) in June 2001.

**Enfield** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Halifax County.

**Fairview** incorporated in October 2001. This change deletes territory from the Balance of Union County.

**Flat Rock** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Henderson County.

**Gibsonville** is in Alamance and Guilford Counties.

**Harrisburg** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Cabarrus County.

**Hickory** is in Burke, Caldwell, and Catawba Counties; it annexed into Caldwell County in December 1995, but this change was not submitted to the Census Bureau until July 1999. This change deletes territory from the Balance of Caldwell County.

**High Point** is in Davidson, Forsyth, Guilford, and Randolph Counties.

**Indian Trail** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Union County.

**Kannapolis** is in Cabarrus and Rowan Counties.

**Kernersville** is in Forsyth and Guilford Counties.

**King** is in Forsyth and Stokes Counties.

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**Kings Mountain** is in Cleveland and Gaston Counties.

**Kitty Hawk** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Dare County.

**Landis** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Rowan County.

**Liberty** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Randolph County.

**Lillington** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Harnett County.

**Long Beach**, separately tabulated in 1997, merged with Yaupon Beach, which was not separately tabulated, to form Oak Island in July 1999. This change deletes territory from the Balance of Brunswick County.

**Long View** is in Burke and Catawba Counties.

**Maiden** is in Catawba and Lincoln Counties; it is now tabulated separately due to a population increase. This change deletes territory from the Balances of Catawba and Lincoln Counties.

**Marshville** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Union County.

**Maxton** is in Robeson and Scotland Counties.

**Mebane** is in Alamance and Orange Counties.

**Morrisville** is in Durham and Wake Counties; it is now tabulated separately due to a population increase. This change deletes territory from the Balances of Durham and Wake Counties.

**Mount Olive** is in Duplin and Wayne Counties.

**Murfreesboro** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Hertford County.

**Nags Head** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Dare County.

**Oak Island** was formed from the merger of Long Beach and Yaupon Beach in July 1999; Long Beach was separately tabulated in 1997. This change deletes territory from the Balance of Brunswick County.

**Oak Ridge** incorporated in August 1998. This change deletes territory from the Balance of Guilford County.

**Pembroke** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Robeson County.

**Pleasant Garden** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Guilford County.

**Raleigh** is in Durham and Wake Counties; it annexed into Durham County in December 1997. This change deletes territory from the Balance of Durham County.

**Red Oak** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Nash County.

**Red Springs** is in Hoke and Robeson Counties; it annexed into Hoke County in January 1992, but this change was not submitted to the Census Bureau until October 1998. This change deletes territory from the Balance of Hoke County.

**River Bend** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Craven County.

**Rocky Mount** is in Edgecombe and Nash Counties.

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**Scotland Neck** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Halifax County.

**Southport** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Brunswick County.

**Summerfield** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Guilford County.

**Tabor City** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Columbus County.

**Thomasville** is in Davidson and Randolph Counties.

**Trinity** incorporated in July 1997. This change deletes territory from the Balance of Randolph County.

**Unionville** incorporated in November 1998. This change deletes territory from the Balance of Union County.

**Wake Forest** is in Franklin and Wake Counties; it annexed into Franklin County in April 2000. This change deletes territory from the Balance of Franklin County.

**Walkertown** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Forsyth County.

**Wallace** is in Duplin and Pender Counties.

**Waxhaw** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Union County.

**Weaverville** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Buncombe County.

**Weddington** is in Mecklenburg and Union Counties.

**Wentworth** incorporated in July 1998. This change deletes territory from the Balance of Rockingham County.

**Wesley Chapel village** incorporated in June 1998. This change deletes territory from the Balance of Union County.

**Wingate** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Union County.

**Zebulon** is in Johnston and Wake Counties; it annexed into Johnston County in April 1995, but this change was not submitted to the Census Bureau until October 1997. This change deletes territory from the Balance of Johnston County.

**Balance of Brunswick County** includes Southport, which is no longer tabulated separately due to a population decrease; and lost territory due to the incorporation of Oak Island and no longer includes Boiling Spring Lakes, which is tabulated separately due to a population increase.

**Balance of Buncombe County** includes Weaverville, which is no longer tabulated separately due to a population decrease.

**Balance of Cabarrus County** no longer includes Harrisburg, which is tabulated separately due to a population increase.

**Balance of Caldwell County** lost territory due to the annexation of Hickory into the county.

**Balance of Catawba County** no longer includes Maiden (part), which is tabulated separately due to a population increase.

**Balance of Cherokee County** includes Andrews, which is no longer tabulated separately due to a population decrease.

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**Balance of Columbus County** no longer includes Tabor City, which is tabulated separately due to a population increase.

**Balance of Craven County** no longer includes River Bend, which is tabulated separately due to a population increase.

**Balance of Dare County** no longer includes Kitty Hawk and Nags Head, which are tabulated separately due to a population increase.

**Balance of Durham County** lost territory due to the annexation of Raleigh into the county and no longer includes Morrisville (part), which is tabulated separately due to a population increase.

**Balance of Forsyth County** no longer includes Walkertown, which is tabulated separately due to a population increase.

**Balance of Franklin County** lost territory due to the annexation of Wake Forest into the county.

**Balance of Gaston County** no longer includes Cramerton, which is tabulated separately due to a population increase.

**Balance of Guilford County** lost territory due to the incorporation of Oak Ridge and the annexation of Burlington into the county; and no longer includes Pleasant Garden and Summerfield, which are tabulated separately due to a population increase.

**Balance of Halifax County** includes Enfield and Scotland Neck, which are no longer tabulated separately due to a population decrease.

**Balance of Harnett County** no longer includes Lillington, which is tabulated separately due to a population increase.

**Balance of Henderson County** no longer includes Flat Rock, which is tabulated separately due to a population increase.

**Balance of Hertford County** includes Murfreesboro, which is no longer tabulated separately due to a population decrease.

**Balance of Hoke County** lost territory due to the annexation of Red Springs into the county.

**Balance of Johnston County** lost territory due to the annexation of Zebulon into the county.

**Balance of Lincoln County** no longer includes Maiden (part), which is tabulated separately due to a population increase.

**Balance of Nash County** no longer includes Red Oak, which is tabulated separately due to a population increase.

**Balance of Randolph County** lost territory due to the incorporation of Trinity and no longer includes Liberty, which is tabulated separately due to a population increase.

**Balance of Robeson County** no longer includes Pembroke, which is tabulated separately due to a population increase.

**Balance of Rockingham County** lost territory due to the incorporation of Wentworth.

**Balance of Rowan County** no longer includes Landis, which is tabulated separately due to a population increase.

**Balance of Union County** includes Marshville and Wingate, which are no longer tabulated separately due to a population decrease and no longer includes Indian Trail and Waxhaw, which are tabulated separately due to a population increase; and lost territory due to the incorporations of Fairview and Unionville, and Wesley Chapel village.

**Balance of Wake County** lost territory due to the annexation of Durham into the county and no longer includes Morrisville (part), which is tabulated separately due to a population increase.



# Appendix E.

## Metropolitan and Micropolitan Statistical Areas

### **ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA**

#### **Asheville, NC Metropolitan Statistical Area**

Buncombe County, NC

Haywood County, NC

Henderson County, NC

Madison County, NC

#### **Brevard, NC Micropolitan Statistical Area**

Transylvania County, NC

### **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

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**GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA**

**Greensboro-High Point, NC Metropolitan Statistical Area**

Guilford County, NC

Randolph County, NC

Rockingham County, NC

**Lexington-Thomasville, NC Micropolitan Statistical Area**

Davidson County, NC

**Mount Airy, NC Micropolitan Statistical Area**

Surry County, NC

**Winston-Salem, NC Metropolitan Statistical Area**

Davie County, NC

Forsyth County, NC

Stokes County, NC

Yadkin County, NC

**LUMBERTON-LAURINBURG, NC COMBINED STATISTICAL AREA**

**Laurinburg, NC Micropolitan Statistical Area**

Scotland County, NC

**Lumberton, NC Micropolitan Statistical Area**

Robeson County, NC

**RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA**

**Dunn, NC Micropolitan Statistical Area**

Harnett County, NC

**Durham, NC Metropolitan Statistical Area**

Chatham County, NC

Durham County, NC

Orange County, NC

Person County, NC

**Raleigh-Cary, NC Metropolitan Statistical Area**

Franklin County, NC

Johnston County, NC

Wake County, NC

**BOONE, NC MICROPOLITAN STATISTICAL AREA**

Watauga County, NC

**BURLINGTON, NC METROPOLITAN STATISTICAL AREA**

Alamance County, NC

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**ELIZABETH CITY, NC MICROPOLITAN STATISTICAL AREA**

Camden County, NC

Pasquotank County, NC

Perquimans County, NC

**FAYETTEVILLE, NC METROPOLITAN STATISTICAL AREA**

Cumberland County, NC

Hoke County, NC

**FOREST CITY, NC MICROPOLITAN STATISTICAL AREA**

Rutherford County, NC

**GOLDSBORO, NC METROPOLITAN STATISTICAL AREA**

Wayne County, NC

**GREENVILLE, NC METROPOLITAN STATISTICAL AREA**

Greene County, NC

Pitt County, NC

**HENDERSON, NC MICROPOLITAN STATISTICAL AREA**

Vance County, NC

**HICKORY-MORGANTON-LENOIR, NC METROPOLITAN STATISTICAL AREA**

Alexander County, NC

Burke County, NC

Caldwell County, NC

Catawba County, NC

**JACKSONVILLE, NC METROPOLITAN STATISTICAL AREA**

Onslow County, NC

**KILL DEVIL HILLS, NC MICROPOLITAN STATISTICAL AREA**

Dare County, NC

**KINSTON, NC MICROPOLITAN STATISTICAL AREA**

Lenoir County, NC

**MOREHEAD CITY, NC MICROPOLITAN STATISTICAL AREA**

Carteret County, NC

**NEW BERN, NC MICROPOLITAN STATISTICAL AREA**

Craven County, NC

Jones County, NC

Pamlico County, NC

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**NORTH WILKESBORO, NC MICROPOLITAN STATISTICAL AREA**

Wilkes County, NC

**ROANOKE RAPIDS, NC MICROPOLITAN STATISTICAL AREA**

Halifax County, NC

Northampton County, NC

**ROCKINGHAM, NC MICROPOLITAN STATISTICAL AREA**

Richmond County, NC

**ROCKY MOUNT, NC METROPOLITAN STATISTICAL AREA**

Edgecombe County, NC

Nash County, NC

**SANFORD, NC MICROPOLITAN STATISTICAL AREA**

Lee County, NC

**SOUTHERN PINES, NC MICROPOLITAN STATISTICAL AREA**

Moore County, NC

**VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA**

Currituck County, NC

Gloucester County, VA

Isle of Wight County, VA

James City County, VA

Mathews County, VA

Surry County, VA

York County, VA

Chesapeake city, VA

Hampton city, VA

Newport News city, VA

Norfolk city, VA

Poquoson city, VA

Portsmouth city, VA

Suffolk city, VA

Virginia Beach city, VA

Williamsburg city, VA

**WASHINGTON, NC MICROPOLITAN STATISTICAL AREA**

Beaufort County, NC

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**WILMINGTON, NC METROPOLITAN STATISTICAL AREA**

Brunswick County, NC

New Hanover County, NC

Pender County, NC

**WILSON, NC MICROPOLITAN STATISTICAL AREA**

Wilson County, NC

