

Mississippi: 2002

Issued September 2005

EC02-31A-MS (RV)

2002 Economic Census

Manufacturing

Geographic Area Series



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Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

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

INDUSTRY CLASSIFICATIONS

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

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

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

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

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

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

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

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

BASIS OF REPORTING

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

GEOGRAPHIC AREA CODING

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

AVAILABILITY OF ADDITIONAL DATA

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

HISTORICAL INFORMATION

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

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

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

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

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

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

SOURCES FOR MORE INFORMATION

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

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Manufacturing

SCOPE

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

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

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

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

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

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

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

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

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

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

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

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

REPORTS

The following reports provide statistics on this sector:

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

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

Subject Series:

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

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

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

GEOGRAPHIC AREAS COVERED

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

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

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

DOLLAR VALUES

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

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

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

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

RELIABILITY OF DATA

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

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

DISCLOSURE

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

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

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

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

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

CONTACTS FOR DATA USERS

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

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

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

Table 1. Industry Statistics for the State: 2002

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSISSIPPI													
31-33	Manufacturing	1	2 796	*1 050	*182 822	*5 476 928	*146 003	*278 010	*3 765 645	*16 126 629	*22 128 173	*38 276 054	*1 111 609
311	Food manufacturing	1	218	92	29 946	638 591	26 451	51 221	513 870	2 374 442	2 985 760	5 345 306	166 716
3111	Animal food manufacturing	-	22	10	500	14 119	401	863	10 393	104 715	316 260	414 104	43 263
31111	Animal food manufacturing	-	22	10	500	14 119	401	863	10 393	104 715	316 260	414 104	43 263
311111	Dog and cat food manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	-	21	9	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	9	7	595	22 311	443	1 005	14 394	221 503	289 850	513 263	17 881
31121	Flour milling and malt manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
311212	Rice milling	-	2	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	1	6	5	e	D	D	D	D	D	D	D	D
311223	Other oilseed processing	4	4	3	158	4 763	120	286	3 403	15 700	40 114	57 937	D
3114	Fruit and vegetable preserving and specialty food manufacturing	3	4	3	195	4 529	186	367	4 110	26 204	16 643	42 842	D
31142	Fruit and vegetable canning, pickling, and drying	-	2	1	c	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	-	2	1	c	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	4	3	529	16 049	192	348	6 373	62 111	79 875	140 261	D
31151	Dairy product (except frozen) manufacturing	-	4	3	529	16 049	192	348	6 373	62 111	79 875	140 261	D
311511	Fluid milk manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	75	34	23 148	460 459	21 098	41 258	398 645	1 570 972	1 841 527	3 404 479	70 947
31161	Animal slaughtering and processing	1	75	34	23 148	460 459	21 098	41 258	398 645	1 570 972	1 841 527	3 404 479	70 947
311611	Animal (except poultry) slaughtering	-	36	4	2 568	74 913	2 199	5 238	63 498	165 006	431 108	591 679	D
311612	Meat processed from carcasses	6	10	3	454	10 181	365	723	7 278	15 166	32 009	46 875	658
311613	Rendering and meat byproduct processing	1	5	4	435	15 073	201	436	5 420	59 002	18 755	78 363	D
311615	Poultry processing	1	24	23	19 691	360 292	18 333	34 861	322 449	1 331 798	1 359 655	2 687 562	49 100
3117	Seafood product preparation and packaging	3	34	23	3 332	70 842	2 973	5 340	49 942	243 877	318 797	562 821	10 419
31171	Seafood product preparation and packaging	3	34	23	3 332	70 842	2 973	5 340	49 942	243 877	318 797	562 821	10 419
311712	Fresh and frozen seafood processing	3	31	21	h	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	44	7	903	24 615	577	923	13 411	54 444	34 817	89 107	5 187
31181	Bread and bakery product manufacturing	-	41	6	f	D	D	D	D	D	D	D	D
311811	Retail bakeries	2	30	3	217	2 835	117	127	1 411	5 303	2 803	8 109	D
311812	Commercial bakeries	-	10	3	504	17 485	298	491	8 882	33 967	23 655	57 556	D
31182	Cookie, cracker, and pasta manufacturing	-	3	1	c	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
3119	Other food manufacturing	6	22	5	734	25 400	575	1 106	16 441	89 749	87 577	177 148	4 130
31194	Seasoning and dressing manufacturing	-	4	2	c	D	D	D	D	D	D	D	1 591
311942	Spice and extract manufacturing	-	3	2	213	9 029	133	264	3 899	23 198	37 065	60 103	D
31199	All other food manufacturing	9	13	3	477	14 502	410	782	11 253	49 832	47 681	97 495	2 116
311999	All other miscellaneous food manufacturing	9	13	3	477	14 502	410	782	11 253	49 832	47 681	97 495	2 116
312	Beverage and tobacco product manufacturing	-	22	3	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	22	3	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	22	3	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	2	2	c	D	D	D	D	D	D	D	D
313	Textile mills	-	27	7	1 039	39 640	868	1 772	30 096	87 431	157 605	259 551	D
3132	Fabric mills	-	14	7	988	38 138	825	1 686	28 939	84 721	151 845	250 481	D
31321	Broadwoven fabric mills	-	7	3	357	12 951	280	584	10 042	31 402	21 572	63 476	D
313210	Broadwoven fabric mills	-	7	3	357	12 951	280	584	10 042	31 402	21 572	63 476	D
31323	Nonwoven fabric mills	-	3	3	f	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	-	3	3	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSISSIPPI—Con.													
314	Textile product mills	—	62	20	2 934	62 653	2 432	4 679	45 093	110 850	190 132	308 903	12 646
3141	Textile furnishings mills	—	22	8	1 891	40 420	1 572	3 027	28 669	47 267	140 904	198 689	11 012
31411	Carpet and rug mills	—	2	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	—	2	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	20	7	g	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills....	—	11	2	c	D	D	D	D	D	D	D	D
314129	Other household textile product mills.....	—	9	5	1 362	28 268	1 212	2 489	22 701	27 378	112 533	150 085	D
3149	Other textile product mills	1	40	12	1 043	22 233	860	1 652	16 424	63 583	49 228	110 214	1 634
31491	Textile bag and canvas mills...	4	11	2	145	2 762	128	245	2 054	6 041	6 869	13 207	78
314911	Textile bag mills	7	2	2	c	D	D	D	D	D	D	D	D
31499	All other textile product mills...	—	29	10	898	19 471	732	1 407	14 370	57 542	42 359	97 007	1 556
314999	All other miscellaneous textile product mills.....	—	25	9	837	18 357	677	1 324	13 567	54 505	39 749	92 667	1 521
315	Apparel manufacturing	2	95	54	6 508	123 073	4 899	8 808	76 403	448 742	646 833	1 098 070	9 511
3151	Apparel knitting mills.....	—	8	4	537	10 803	410	815	6 875	29 486	40 441	65 089	D
31511	Hosiery and sock mills	—	3	2	e	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills	—	1	1	e	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills....	—	5	2	c	D	D	D	D	D	D	D	169
315191	Outerwear knitting mills	—	4	2	c	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	2	74	42	5 425	101 490	4 037	7 098	61 092	377 604	554 977	934 697	7 987
31521	Cut and sew apparel contractors	4	25	8	772	11 242	606	915	6 973	18 990	2 199	21 271	D
315211	Men's and boys' cut and sew apparel contractors	1	9	4	485	5 614	398	539	4 189	10 360	1 079	11 526	D
315212	Women's, girls', and infants' cut and sew apparel contractors	8	16	4	287	5 628	208	376	2 784	8 630	1 120	9 745	D
31522	Men's and boys' cut and sew apparel manufacturing	2	36	25	3 601	63 250	2 822	5 004	41 568	271 846	409 018	680 512	3 742
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	4	5	4	e	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	4	9	5	960	19 917	566	1 007	8 415	98 430	107 258	196 898	1 733
315225	Men's and boys' cut and sew work clothing manufacturing	—	12	10	1 373	22 769	1 104	1 984	15 897	118 500	228 233	353 089	1 619
315228	Men's and boys' cut and sew other outerwear manufacturing	—	7	5	878	13 449	790	1 349	11 333	18 479	29 355	48 232	187
31523	Women's and girls' cut and sew apparel manufacturing	5	10	6	763	20 918	365	751	9 069	76 434	138 511	217 462	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	5	2	2	c	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	5	6	3	f	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	3	3	289	6 080	244	428	3 482	10 334	5 249	15 452	D
315299	All other cut and sew apparel manufacturing	—	3	3	289	6 080	244	428	3 482	10 334	5 249	15 452	D
3159	Apparel accessories and other apparel manufacturing	—	13	8	546	10 780	452	895	8 436	41 652	51 415	98 284	D
31599	Apparel accessories and other apparel manufacturing	—	13	8	546	10 780	452	895	8 436	41 652	51 415	98 284	D
315992	Glove and mitten manufacturing	1	7	5	e	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	—	5	2	147	3 214	90	175	1 976	29 103	24 795	58 647	D
321	Wood product manufacturing	—	332	132	13 866	395 999	11 841	24 579	295 753	850 509	1 591 686	2 442 062	53 211
3211	Sawmills and wood preservation	—	131	57	4 784	149 361	4 203	9 069	124 610	281 591	863 702	1 159 196	21 307
32111	Sawmills and wood preservation	—	131	57	4 784	149 361	4 203	9 069	124 610	281 591	863 702	1 159 196	21 307
321113	Sawmills	—	111	49	4 214	133 417	3 747	8 203	114 135	246 413	737 088	999 151	16 944
321114	Wood preservation	1	20	8	570	15 944	456	866	10 475	35 178	126 614	160 045	4 363
3212	Veneer, plywood, and engineered wood product manufacturing....	—	32	22	3 550	121 945	2 992	6 578	88 323	310 069	406 627	706 144	21 698
32121	Veneer, plywood, and engineered wood product manufacturing	—	32	22	3 550	121 945	2 992	6 578	88 323	310 069	406 627	706 144	21 698
321211	Hardwood veneer and plywood manufacturing	—	7	4	372	11 517	312	664	8 056	12 200	22 684	31 476	2 701
321212	Softwood veneer and plywood manufacturing	—	7	7	1 557	56 084	1 411	3 182	47 874	67 930	197 960	264 053	4 872
321214	Truss manufacturing.....	1	9	3	164	3 583	130	287	2 211	8 257	7 881	16 130	984
321219	Reconstituted wood product manufacturing	—	9	8	1 457	50 761	1 139	2 445	30 182	221 682	178 102	394 485	13 141

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSISSIPPI—Con.													
321	Wood product manufacturing—Con.												
3219	Other wood product manufacturing	1	169	53	5 532	124 693	4 646	8 932	82 820	258 849	321 357	576 722	10 206
32191	Millwork	1	65	19	1 822	41 550	1 606	3 328	31 577	92 810	142 063	233 766	4 486
321911	Wood window and door manufacturing	3	10	5	350	7 066	281	494	4 590	20 128	15 057	35 209	537
321912	Cut stock, resawing lumber, and planing	1	32	10	987	20 955	908	1 988	16 740	44 727	92 873	135 645	2 753
321918	Other millwork (including flooring)	1	23	4	485	13 529	417	846	10 247	27 955	34 133	62 912	1 196
32192	Wood container and pallet manufacturing	2	59	18	1 099	21 923	924	1 684	15 016	46 286	39 431	85 785	1 730
321920	Wood container and pallet manufacturing	2	59	18	1 099	21 923	924	1 684	15 016	46 286	39 431	85 785	1 730
32199	All other wood product manufacturing	—	45	16	2 611	61 220	2 116	3 920	36 227	119 753	139 863	257 171	3 990
321991	Manufactured home (mobile home) manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	1	10	2	c	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	—	31	11	1 626	35 798	1 326	2 446	20 646	88 776	71 975	157 719	3 557
322	Paper manufacturing	—	57	41	6 346	307 267	4 822	10 156	205 036	1 064 514	1 365 465	2 449 460	67 547
3221	Pulp, paper, and paperboard mills	—	9	9	2 897	175 457	2 129	4 611	117 401	626 911	859 430	1 505 426	43 489
32211	Pulp mills	1	3	3	1 061	56 071	844	1 719	41 043	171 752	240 563	423 533	22 309
322110	Pulp mills	1	3	3	1 061	56 071	844	1 719	41 043	171 752	240 563	423 533	22 309
32212	Paper mills	—	4	4	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	1	3	3	f	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	1	1	c	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	2	2	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	2	2	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	48	32	3 449	131 810	2 693	5 545	87 635	437 603	506 035	944 034	24 058
32221	Paperboard container manufacturing	1	27	20	2 021	79 396	1 588	3 263	52 109	198 151	320 342	517 396	D
322211	Corrugated and solid fiber box manufacturing	1	22	16	1 557	59 247	1 195	2 572	36 677	141 289	248 220	388 096	11 032
322212	Folding paperboard box manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	7	5	737	31 405	524	1 080	20 131	85 967	85 038	172 378	2 793
322222	Coated and laminated paper manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	1	2	2	c	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
322231	Die-cut paper and paperboard office supplies manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	201	28	3 525	119 196	2 728	5 477	81 447	324 364	235 918	559 800	27 446
3231	Printing and related support activities	1	201	28	3 525	119 196	2 728	5 477	81 447	324 364	235 918	559 800	27 446
32311	Printing	1	195	27	3 469	117 589	2 681	5 395	80 337	321 265	234 732	555 515	27 386
323110	Commercial lithographic printing	1	82	16	1 660	54 928	1 197	2 269	34 608	128 850	76 407	204 522	13 514
323111	Commercial gravure printing ..	—	4	1	f	D	D	D	D	D	D	D	D
323113	Commercial screen printing ..	1	31	3	226	5 313	173	272	2 557	11 070	7 991	18 820	337
323114	Quick printing	3	47	4	243	6 176	157	249	3 718	14 214	5 448	19 650	877
323118	Blankbook, looseleaf binders, and devices manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	29	8	1 900	118 759	1 321	1 878	80 219	88 272	3 482 144	3 442 157	D
3241	Petroleum and coal products manufacturing	—	29	8	1 900	118 759	1 321	1 878	80 219	88 272	3 482 144	3 442 157	D
32411	Petroleum refineries	—	5	5	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	5	5	g	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	17	1	e	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing ..	—	3	1	c	D	D	D	D	D	D	D	D
32419	Other petroleum and coal products manufacturing	—	7	2	c	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	104	48	7 471	326 308	5 111	9 877	187 879	2 127 241	2 057 837	4 243 504	141 398

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MISSISSIPPI—Con.													
325	Chemical manufacturing—Con.												
3251	Basic chemical manufacturing . . .	—	26	11	1 786	99 085	1 225	2 527	62 377	964 301	592 549	1 580 640	57 473
32512	Industrial gas manufacturing . . .	1	11	3	c	D	D	D	D	D	D	D	11 198
325120	Industrial gas manufacturing . . .	1	11	3	c	D	D	D	D	D	D	D	11 198
32513	Synthetic dye and pigment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	—	7	4	320	18 101	202	445	10 028	151 700	124 758	279 805	D
325188	All other basic inorganic chemical manufacturing	—	7	4	320	18 101	202	445	10 028	151 700	124 758	279 805	D
32519	Other basic organic chemical manufacturing	—	6	2	c	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	4	2	c	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	18	12	1 193	57 031	864	2 053	36 621	320 638	661 401	990 827	D
32521	Resin and synthetic rubber manufacturing	—	16	11	g	D	D	D	D	D	D	D	15 836
325211	Plastics material and resin manufacturing	—	13	9	978	49 265	694	1 681	31 499	301 395	635 422	932 923	13 767
325212	Synthetic rubber manufacturing	—	3	2	c	D	D	D	D	D	D	D	2 069
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	8	5	943	46 142	533	1 132	18 741	110 950	204 411	332 267	D
32531	Fertilizer manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
325311	Nitrogenous fertilizer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	2	3	3	c	D	D	D	D	D	D	D	344
325320	Pesticide and other agricultural chemical manufacturing	2	3	3	c	D	D	D	D	D	D	D	344
3254	Pharmaceutical and medicine manufacturing	—	7	3	1 623	49 231	1 145	1 722	23 491	65 254	55 421	130 808	D
32541	Pharmaceutical and medicine manufacturing	—	7	3	1 623	49 231	1 145	1 722	23 491	65 254	55 421	130 808	D
325412	Pharmaceutical preparation manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	10	3	458	16 456	279	474	6 865	51 043	98 713	149 851	D
32551	Paint and coating manufacturing	—	7	3	422	14 634	262	436	6 295	47 633	93 744	141 517	D
325510	Paint and coating manufacturing	—	7	3	422	14 634	262	436	6 295	47 633	93 744	141 517	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	1	17	6	875	32 902	630	1 055	23 807	508 039	179 285	686 894	D
32561	Soap and cleaning compound manufacturing	1	12	5	726	28 347	488	968	19 608	497 664	165 323	661 053	D
325611	Soap and other detergent manufacturing	4	6	3	e	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
325613	Surface active agent manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	2	5	1	149	4 555	142	87	4 199	10 375	13 962	25 841	209
325620	Toilet preparation manufacturing	2	5	1	149	4 555	142	87	4 199	10 375	13 962	25 841	209
3259	Other chemical product and preparation manufacturing	—	18	8	593	25 461	435	914	15 977	107 016	266 057	372 217	D
32599	All other chemical product and preparation manufacturing	—	17	8	f	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	—	8	5	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing	4	7	2	c	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	'152	'94	'10 469	'316 502	'8 742	'16 041	'232 604	'1 058 669	'1 096 400	'2 152 543	'73 648
3261	Plastics product manufacturing	—	'122	'80	'7 675	'215 877	'6 350	'11 532	'149 489	'736 713	'867 124	'1 600 075	'59 781
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	10	8	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	8	7	832	31 144	646	1 279	20 488	104 908	106 990	212 906	2 890

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
MISSISSIPPI—Con.												
326	Plastics and rubber products manufacturing—Con.											
3261	Plastics product manufacturing—Con.											
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	1	9	6	f	D	D	D	D	D	D	D
326121	Unlaminated plastics profile shape manufacturing	—	2	2	c	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing	2	7	4	e	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	1	13	7	466	12 378	406	796	9 224	39 196	38 059	74 769
326140	Polystyrene foam product manufacturing	1	13	7	466	12 378	406	796	9 224	39 196	38 059	74 769
32615	Urethane and other foam product (except polystyrene) manufacturing	—	23	21	2 034	48 580	1 726	2 923	33 138	155 983	240 193	395 125
326150	Urethane and other foam product (except polystyrene) manufacturing	—	23	21	2 034	48 580	1 726	2 923	33 138	155 983	240 193	395 125
32616	Plastics bottle manufacturing ..	—	2	1	c	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	2	1	c	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	'65	'37	'3 631	'102 145	'2 981	'5 557	'70 256	'325 811	'274 652	'596 582
326191	Plastics plumbing fixture manufacturing	4	7	5	c	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	—	1	1	c	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	'57	'31	'3 293	'90 665	'2 690	'4 927	'61 053	'262 481	'251 058	'511 825
3262	Rubber product manufacturing ...	—	30	14	2 794	100 625	2 392	4 509	83 115	321 956	229 276	552 468
32621	Tire manufacturing	—	12	3	g	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	3	2	g	D	D	D	D	D	D	D
326212	Tire retreading	—	9	1	c	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	—	2	1	c	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	—	2	1	c	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	2	16	10	f	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	2	13	10	f	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	181	52	4 271	141 431	3 366	6 765	101 131	349 089	372 324	719 351
3271	Clay product and refractory manufacturing	2	22	11	814	26 938	613	1 324	16 306	54 202	40 114	94 212
32711	Pottery, ceramics, and plumbing fixture manufacturing	4	13	4	379	13 654	278	618	8 157	20 544	22 094	42 532
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	1	1	e	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	9	12	3	c	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	9	7	435	13 284	335	706	8 149	33 658	18 020	51 680
327121	Brick and structural clay tile manufacturing	—	9	7	435	13 284	335	706	8 149	33 658	18 020	51 680
3272	Glass and glass product manufacturing	7	9	3	e	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	7	9	3	e	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	7	8	3	e	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	3	129	31	2 144	65 485	1 673	3 218	46 939	183 092	174 864	356 076
32731	Cement manufacturing	9	1	1	c	D	D	D	D	D	D	D
327310	Cement manufacturing	9	1	1	c	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	4	96	16	1 212	39 005	978	1 861	29 465	98 056	116 213	214 066
327320	Ready-mix concrete manufacturing	4	96	16	1 212	39 005	978	1 861	29 465	98 056	116 213	214 066
32733	Concrete pipe, brick, and block manufacturing	—	11	4	e	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	6	4	c	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	—	21	10	567	15 542	450	884	10 599	47 493	28 398	74 796
327390	Other concrete product manufacturing	—	21	10	567	15 542	450	884	10 599	47 493	28 398	74 796

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
MISSISSIPPI—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3279	Other nonmetallic mineral product manufacturing	—	20	7	1 047	40 273	877	1 813	31 371	92 577	139 383	231 852	12 911
32799	All other nonmetallic mineral product manufacturing	—	20	7	1 047	40 273	877	1 813	31 371	92 577	139 383	231 852	12 911
327992	Ground or treated mineral and earth manufacturing ..	—	2	2	c	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing ..	—	6	5	861	33 034	735	1 518	26 486	63 968	118 280	182 539	D
331	Primary metal manufacturing	—	38	20	2 471	81 951	2 081	4 302	62 684	238 183	556 200	795 212	18 219
3311	Iron and steel mills and ferroalloy manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	3	2	c	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	9	3	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	8	2	274	7 826	270	531	7 636	29 196	39 897	70 422	D
331222	Steel wire drawing	—	8	2	274	7 826	270	531	7 636	29 196	39 897	70 422	D
3313	Alumina and aluminum production and processing	—	6	4	528	14 787	438	920	11 054	37 920	36 785	74 668	D
33131	Alumina and aluminum production and processing ..	—	6	4	528	14 787	438	920	11 054	37 920	36 785	74 668	D
331316	Aluminum extruded product manufacturing	—	3	3	e	D	D	D	D	D	D	D	5 592
331319	Other aluminum rolling and drawing	—	1	1	c	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	6	4	663	23 276	575	1 180	18 243	103 265	380 707	481 788	D
33142	Copper rolling, drawing, extruding, and alloying	—	3	3	f	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	3	3	f	D	D	D	D	D	D	D	D
3315	Foundries	—	14	7	f	D	D	D	D	D	D	D	2 055
33151	Ferrous metal foundries	—	11	6	661	21 122	539	1 151	14 938	32 968	25 188	59 247	D
331511	Iron foundries	—	5	2	c	D	D	D	D	D	D	D	473
331512	Steel investment foundries ..	—	4	3	329	10 422	284	593	8 148	17 165	14 417	32 494	D
331513	Steel foundries (except investment)	—	2	1	c	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	'395	'116	'13 339	'420 254	'10 634	'20 285	'296 691	'1 155 151	'1 176 337	'2 348 836	'52 880
3321	Forging and stamping	—	15	8	1 176	36 263	972	1 675	27 468	57 055	65 302	123 613	1 689
33211	Forging and stamping	—	15	8	1 176	36 263	972	1 675	27 468	57 055	65 302	123 613	1 689
332112	Nonferrous forging	—	1	1	f	D	D	D	D	D	D	D	D
332114	Custom roll forming	—	3	3	167	4 512	133	174	3 318	21 413	7 554	28 714	D
332116	Metal stamping	—	9	4	e	D	D	D	D	D	D	D	605
3323	Architectural and structural metals manufacturing	1	'124	50	'5 110	'156 924	'3 876	'7 384	'97 378	'411 121	'483 401	'900 944	'22 954
33231	Plate work and fabricated structural product manufacturing	1	62	25	2 168	73 870	1 474	2 975	39 495	172 414	279 939	451 829	9 241
332311	Prefabricated metal building and component manufacturing	—	16	7	688	24 886	396	789	12 088	54 358	83 374	137 982	997
332312	Fabricated structural metal manufacturing	1	37	15	1 348	44 438	975	1 969	24 481	108 522	188 238	296 029	7 996
332313	Plate work manufacturing ..	2	9	3	132	4 546	103	217	2 926	9 534	8 327	17 818	248
33232	Ornamental and architectural metal products manufacturing	—	'62	25	'2 942	'83 054	'2 402	'4 409	'57 883	'238 707	'203 462	'449 115	'13 713
332321	Metal window and door manufacturing	1	16	8	1 475	41 122	1 209	2 238	28 982	104 981	96 413	200 603	6 834
332322	Sheet metal work manufacturing	'1	'33	'14	'1 202	'32 489	'1 000	'1 761	'23 493	'81 102	'79 143	'166 281	'6 270
332323	Ornamental and architectural metal work manufacturing ..	—	'13	'3	'265	'9 443	'193	'410	'5 408	'52 624	'27 906	'82 231	'609
3324	Boiler, tank, and shipping container manufacturing	1	20	14	2 158	76 583	1 689	3 534	57 183	261 577	326 749	594 408	6 771
33241	Power boiler and heat exchanger manufacturing	3	4	2	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	3	4	2	f	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	4	9	6	f	D	D	D	D	D	D	D	1 395
332420	Metal tank (heavy gauge) manufacturing	4	9	6	f	D	D	D	D	D	D	D	1 395
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	7	6	f	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	—	3	3	464	20 233	414	981	16 798	152 623	227 104	381 159	2 709
332439	Other metal container manufacturing	—	4	3	e	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSISSIPPI—Con.													
332	Fabricated metal product manufacturing—Con.												
3325	Hardware manufacturing	—	13	7	1 549	43 506	1 415	2 807	38 209	120 658	97 764	218 629	D
33251	Hardware manufacturing	—	13	7	1 549	43 506	1 415	2 807	38 209	120 658	97 764	218 629	D
332510	Hardware manufacturing	—	13	7	1 549	43 506	1 415	2 807	38 209	120 658	97 764	218 629	D
3326	Spring and wire product manufacturing	—	17	4	1 420	10 894	1 363	1 650	18 492	63 047	133 209	196 546	598
33261	Spring and wire product manufacturing	—	17	4	1 420	10 894	1 363	1 650	18 492	63 047	133 209	196 546	598
332612	Spring (light gauge) manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	12	1	c	D	D	D	D	D	D	D	452
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	146	18	1 425	43 446	1 082	1 882	28 536	79 908	49 099	128 589	7 592
33271	Machine shops	2	134	13	978	33 356	725	1 363	21 432	63 916	33 101	96 806	4 131
332710	Machine shops	2	134	13	978	33 356	725	1 363	21 432	63 916	33 101	96 806	4 131
33272	Turned product and screw, nut, and bolt manufacturing	2	12	5	447	10 090	357	519	7 104	15 992	15 998	31 783	3 461
332721	Precision turned product manufacturing	—	8	2	326	6 278	257	303	4 118	8 192	10 739	18 783	D
332722	Bolt, nut, screw, rivet, and washer manufacturing	5	4	3	121	3 812	100	216	2 986	7 800	5 259	13 000	D
3328	Coating, engraving, heat treating, and allied activities	—	21	6	611	23 554	515	989	18 640	57 378	68 234	129 243	D
33281	Coating, engraving, heat treating, and allied activities ..	—	21	6	611	23 554	515	989	18 640	57 378	68 234	129 243	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	14	4	474	20 195	402	818	16 022	50 019	66 461	120 108	D
332813	Electroplating, plating, polishing, anodizing, and coloring	—	5	2	c	D	D	D	D	D	D	D	412
3329	Other fabricated metal product manufacturing	4	32	9	850	27 705	696	1 317	20 070	101 186	50 668	151 732	D
33291	Metal valve manufacturing	4	9	5	605	20 882	493	976	15 257	88 211	41 661	129 629	1 379
332911	Industrial valve manufacturing	2	5	3	e	D	D	D	D	D	D	D	942
332912	Fluid power valve and hose fitting manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	4	23	4	245	6 823	203	341	4 813	12 975	9 007	22 103	D
332999	All other miscellaneous fabricated metal product manufacturing	4	16	2	174	4 190	141	219	2 837	7 568	6 469	14 152	316
333	Machinery manufacturing	—	164	73	10 888	352 874	8 158	15 737	220 963	1 010 290	991 847	2 045 647	34 116
3331	Agriculture, construction, and mining machinery manufacturing	—	37	12	1 120	35 786	836	1 740	21 263	193 016	192 992	425 723	4 048
33311	Agricultural implement manufacturing	—	27	10	978	30 053	744	1 547	18 228	180 670	179 967	400 312	D
333111	Farm machinery and equipment manufacturing ..	1	23	6	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	4	4	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	—	21	7	569	22 751	413	870	13 600	63 532	45 180	109 402	1 432
33321	Sawmill and woodworking machinery manufacturing	—	5	3	339	13 981	257	549	8 997	42 946	26 405	69 817	472
333210	Sawmill and woodworking machinery manufacturing ..	—	5	3	339	13 981	257	549	8 997	42 946	26 405	69 817	472
33329	Other industrial machinery manufacturing	1	14	3	c	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	12	7	915	29 969	702	1 309	17 209	118 561	99 828	215 005	9 304
33331	Commercial and service industry machinery manufacturing	—	12	7	915	29 969	702	1 309	17 209	118 561	99 828	215 005	9 304
333319	Other commercial and service industry machinery manufacturing	—	7	5	813	26 841	625	1 142	15 408	113 445	96 901	206 989	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	15	10	3 789	95 420	3 144	5 575	68 387	186 591	245 716	441 864	9 349

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSISSIPPI—Con.													
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.												
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	15	10	3 789	95 420	3 144	5 575	68 387	186 591	245 716	441 864	9 349
333411	Air purification equipment manufacturing	4	5	3	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	8	6	3 432	86 279	2 864	4 996	62 621	165 779	221 202	396 721	8 486
3335	Metalworking machinery manufacturing	1	38	10	608	19 212	419	818	11 928	36 501	19 890	56 915	1 823
33351	Metalworking machinery manufacturing	1	38	10	608	19 212	419	818	11 928	36 501	19 890	56 915	1 823
333511	Industrial mold manufacturing	1	7	1	107	2 548	76	141	1 729	4 192	2 225	6 546	151
333514	Special die and tool, die set, jig, and fixture manufacturing	2	23	5	281	9 897	195	413	6 259	14 397	7 999	22 519	1 025
333515	Cutting tool and machine tool accessory manufacturing...	—	4	2	106	2 498	66	134	1 899	11 142	5 678	17 747	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	8	7	1 096	39 962	822	1 679	26 810	158 894	156 799	310 319	3 092
33361	Engine, turbine, and power transmission equipment manufacturing	—	8	7	1 096	39 962	822	1 679	26 810	158 894	156 799	310 319	3 092
333613	Mechanical power transmission equipment manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	33	20	2 791	109 774	1 822	3 746	61 766	253 195	231 442	486 419	5 068
33392	Material handling equipment manufacturing	—	13	11	1 429	50 224	931	1 929	31 793	114 270	123 862	242 385	1 649
333921	Elevator and moving stairway manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	—	5	4	483	16 759	307	644	9 960	32 656	32 387	66 095	900
333923	Overhead traveling crane, hoist, and monorail system manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	3	3	575	22 085	387	854	15 324	31 683	49 974	83 771	197
33399	All other general purpose machinery manufacturing	—	20	9	1 362	59 550	891	1 817	29 973	138 925	107 580	244 034	3 419
333991	Power-driven handtool manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333995	Fluid power cylinder and actuator manufacturing	6	3	2	c	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	2	10	3	142	4 450	114	202	2 746	7 332	4 658	12 029	463
334	Computer and electronic product manufacturing	—	40	13	2 814	91 240	1 583	3 462	48 153	340 792	197 746	531 059	D
3341	Computer and peripheral equipment manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	15	4	1 390	39 786	783	1 753	25 889	88 866	96 317	195 226	D
33421	Telephone apparatus manufacturing	2	2	2	c	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	2	2	2	c	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	11	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	11	2	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSISSIPPI—Con.													
334	Computer and electronic product manufacturing—Con.												
3343	Audio and video equipment manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	3	10	3	c	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	3	10	3	c	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	8	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	8	2	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	1	1	c	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	68	40	11 486	342 634	8 985	16 076	222 477	959 221	1 260 642	2 233 422	42 762
3351	Electric lighting equipment manufacturing	2	12	5	1 893	62 195	1 475	2 849	44 662	171 527	215 232	390 306	6 332
33512	Lighting fixture manufacturing	2	12	5	1 893	62 195	1 475	2 849	44 662	171 527	215 232	390 306	6 332
335121	Residential electric lighting fixture manufacturing	8	5	2	125	4 508	101	180	2 560	8 179	4 649	12 735	140
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	3	3	2	g	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	10	9	2 717	69 327	2 139	4 297	41 956	230 542	388 721	624 161	13 845
33521	Small electrical appliance manufacturing	—	5	5	g	D	D	D	D	D	D	D	D
335211	Electric housewares and household fan manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	4	3	662	18 281	573	1 269	14 277	122 672	210 078	334 092	D
335222	Household refrigerator and home freezer manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	32	17	5 680	170 768	4 439	7 177	108 838	453 200	517 432	971 196	18 806
33531	Electrical equipment manufacturing	—	32	17	5 680	170 768	4 439	7 177	108 838	453 200	517 432	971 196	18 806
335311	Power, distribution, and specialty transformer manufacturing	—	8	5	3 164	99 172	2 482	3 273	63 628	216 654	299 325	517 659	D
335312	Motor and generator manufacturing	—	13	9	2 035	51 780	1 662	3 288	35 687	175 021	128 299	302 303	6 929
335313	Switchgear and switchboard apparatus manufacturing	—	6	3	428	17 693	269	565	9 011	57 117	86 593	143 625	1 932
3359	Other electrical equipment and component manufacturing	3	14	9	1 196	40 344	932	1 753	27 021	103 952	139 257	247 759	3 779
33591	Battery manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	4	7	5	f	D	D	D	D	D	D	D	3 523
335929	Other communication and energy wire manufacturing	4	6	5	950	31 454	743	1 373	21 010	94 035	129 535	218 527	3 523
33599	All other electrical equipment and component manufacturing	5	6	3	c	D	D	D	D	D	D	D	256
335999	All other miscellaneous electrical equipment and component manufacturing	5	5	3	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	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSISSIPPI—Con.													
336	Transportation equipment manufacturing	2	109	49	19 708	682 446	14 401	25 176	415 462	1 380 359	1 463 172	2 856 099	99 204
3362	Motor vehicle body and trailer manufacturing	—	21	9	698	18 844	560	1 097	12 898	41 399	69 433	112 169	D
33621	Motor vehicle body and trailer manufacturing	—	21	9	698	18 844	560	1 097	12 898	41 399	69 433	112 169	D
336211	Motor vehicle body manufacturing	1	8	4	297	9 265	228	399	5 888	16 532	21 610	39 184	D
336212	Truck trailer manufacturing ..	—	7	3	321	7 701	265	553	5 640	21 899	42 226	64 421	181
3363	Motor vehicle parts manufacturing	5	51	26	6 066	185 363	5 073	9 408	137 230	427 920	583 588	1 022 770	38 462
33631	Motor vehicle gasoline engine and engine parts manufacturing	9	12	3	c	D	D	D	D	D	D	D	650
336312	Gasoline engine and engine parts manufacturing	8	11	2	105	3 819	88	122	2 971	6 839	14 196	21 026	D
33632	Motor vehicle electrical and electronic equipment manufacturing	2	15	10	3 068	89 313	2 654	4 602	67 423	145 929	277 390	437 438	21 162
336322	Other motor vehicle electrical and electronic equipment manufacturing	2	15	10	3 068	89 313	2 654	4 602	67 423	145 929	277 390	437 438	21 162
33635	Motor vehicle transmission and power train parts manufacturing	9	5	2	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	9	5	2	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	3	1	f	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping ..	—	4	1	c	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	4	1	c	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	6	9	7	1 202	39 281	964	1 974	27 422	132 439	124 221	254 801	12 548
336399	All other motor vehicle parts manufacturing	6	9	7	1 202	39 281	964	1 974	27 422	132 439	124 221	254 801	12 548
3364	Aerospace product and parts manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	26	11	12 559	467 126	8 587	14 297	259 420	878 738	788 816	1 667 554	D
33661	Ship and boat building	—	26	11	12 559	467 126	8 587	14 297	259 420	878 738	788 816	1 667 554	D
336611	Ship building and repairing ..	—	16	8	j	D	D	D	D	D	D	D	D
336612	Boat building	5	10	3	c	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	'304	'122	'28 761	'766 405	'23 892	'44 674	'561 579	'1 797 419	'1 951 911	'3 731 948	'52 016
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	'234	'90	'26 166	'700 669	'21 797	'40 543	'515 781	'1 561 558	'1 771 391	'3 316 877	'44 614
33711	Wood kitchen cabinet and countertop manufacturing	6	71	6	593	15 408	485	877	10 484	28 840	26 754	55 564	936
337110	Wood kitchen cabinet and countertop manufacturing ..	6	71	6	593	15 408	485	877	10 484	28 840	26 754	55 564	936
33712	Household and institutional furniture manufacturing	3	'163	'84	'25 573	'685 261	'21 312	'39 666	'505 297	'1 532 718	'1 744 637	'3 261 313	'43 678
337121	Upholstered household furniture manufacturing	1	'114	'64	'18 818	'522 965	'15 885	'28 841	'382 363	'969 660	'1 303 909	'2 265 241	'28 434
337122	Nonupholstered wood household furniture manufacturing	7	32	10	3 761	93 412	3 192	6 282	78 859	258 898	223 139	475 499	7 653
337124	Metal household furniture manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	8	13	7	2 379	53 459	1 731	3 653	34 306	268 658	186 007	453 336	7 020
3372	Office furniture (including fixtures) manufacturing	—	'62	27	'2 156	'51 625	'1 817	'3 498	'37 822	'193 416	'132 051	'325 491	'6 500
33721	Office furniture (including fixtures) manufacturing	—	'62	27	'2 156	'51 625	'1 817	'3 498	'37 822	'193 416	'132 051	'325 491	'6 500
337211	Wood office furniture manufacturing	—	7	3	370	9 740	320	706	8 303	35 947	21 058	57 608	D
337212	Custom architectural woodwork and millwork manufacturing	—	10	5	c	D	D	D	D	D	D	D	1 873
337214	Office furniture (except wood) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	2	'43	17	'1 366	'30 667	'1 161	'2 102	'21 229	'64 166	'49 854	'113 893	'1 676

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
MISSISSIPPI—Con.													
337	Furniture and related product manufacturing—Con.												
3379	Other furniture related product manufacturing	—	'8	'5	'439	'14 111	'278	'633	'7 976	'42 445	'48 469	'89 580	'902
33791	Mattress manufacturing	—	'5	'3	c	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	'5	'3	c	D	D	D	D	D	D	D	D
33792	Blind and shade manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	189	37	4 576	135 889	3 445	6 568	81 858	321 447	230 369	558 980	D
3391	Medical equipment and supplies manufacturing	5	73	8	1 006	35 604	651	1 184	15 267	52 217	35 536	96 249	D
33911	Medical equipment and supplies manufacturing	5	73	8	1 006	35 604	651	1 184	15 267	52 217	35 536	96 249	D
339112	Surgical and medical instrument manufacturing ..	5	5	1	c	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	7	15	3	513	22 239	270	492	6 676	24 933	22 559	55 828	D
339116	Dental laboratories	4	49	3	273	7 620	212	415	5 373	14 077	3 177	17 159	D
3399	Other miscellaneous manufacturing	2	116	29	3 570	100 285	2 794	5 384	66 591	269 230	194 833	462 731	D
33991	Jewelry and silverware manufacturing	—	12	2	c	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	1	28	7	879	33 539	684	1 379	24 486	103 275	28 254	129 854	D
339920	Sporting and athletic goods manufacturing	1	28	7	879	33 539	684	1 379	24 486	103 275	28 254	129 854	D
33993	Doll, toy, and game manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
339932	Game, toy, and children's vehicle manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	4	38	7	404	12 090	287	573	7 046	23 712	19 855	43 289	D
339950	Sign manufacturing	4	38	7	404	12 090	287	573	7 046	23 712	19 855	43 289	D
33999	All other miscellaneous manufacturing	3	29	10	1 597	39 182	1 314	2 477	26 692	120 786	74 793	195 607	D
339992	Musical instrument manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
339995	Burial casket manufacturing ..	—	4	2	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	8	20	7	857	19 668	661	1 121	11 315	43 804	31 130	75 917	D

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

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

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

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

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

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	GULFPORT-BILOXI-PASCAGOULA, MS COMBINED STATISTICAL AREA												
31-33	Manufacturing	-	'278	'73	'19 264	'767 503	'13 433	'23 485	'458 476	'1 908 931	'4 802 915	'6 612 634	'249 973
311	Food manufacturing	6	26	10	661	14 632	462	855	7 896	30 993	48 394	80 066	D
3117	Seafood product preparation and packaging	6	16	8	e	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	6	16	8	e	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	6	13	6	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	12	5	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	16	10	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	20	4	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	15	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	6	47	11	926	33 758	702	1 453	24 488	69 126	49 370	118 929	2 242
3324	Boiler, tank, and shipping container manufacturing	8	4	3	f	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	7	2	2	e	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	7	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	14	8	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	3	6	2	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	23	6	j	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	18	6	j	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	18	6	j	D	D	D	D	D	D	D	D
336611	Ship building and repairing	-	13	6	j	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	7	21	4	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	7	19	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GULFPORT-BILOXI-PASCAGOULA, MS COMBINED STATISTICAL AREA—Con.													
Gulfport-Biloxi, MS Metropolitan Statistical Area													
31-33	Manufacturing	1	175	47	4 554	172 216	3 474	7 269	119 244	868 894	809 918	1 681 883	46 269
311	Food manufacturing	6	22	8	399	9 026	336	663	6 335	20 815	42 838	63 770	1 132
3117	Seafood product preparation and packaging	6	14	7	353	8 134	304	612	5 759	19 292	40 268	59 676	D
31171	Seafood product preparation and packaging	6	14	7	353	8 134	304	612	5 759	19 292	40 268	59 676	D
311712	Fresh and frozen seafood processing	5	12	5	e	D	D	D	D	D	D	D	986
321	Wood product manufacturing	—	7	3	376	11 035	325	751	8 744	17 887	53 570	71 073	D
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
325	Chemical manufacturing	—	12	7	1 136	60 528	854	1 927	44 213	589 616	452 361	1 047 434	32 035
3251	Basic chemical manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	13	3	267	9 953	217	483	7 432	33 494	21 860	55 187	1 367
332	Fabricated metal product manufacturing	4	26	8	576	19 933	401	834	13 234	37 426	28 595	66 444	1 371
3324	Boiler, tank, and shipping container manufacturing	6	3	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	3	5	2	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	8	11	3	255	8 317	205	434	5 861	17 014	15 474	32 433	525
3371	Household and institutional furniture and kitchen cabinet manufacturing	8	10	3	e	D	D	D	D	D	D	D	D
Pascagoula, MS Metropolitan Statistical Area													
31-33	Manufacturing	—	'103	'26	'14 710	'595 287	'9 959	'16 216	'339 232	'1 040 037	'3 992 997	'4 930 751	'203 704
311	Food manufacturing	9	4	2	262	5 606	126	192	1 561	10 178	5 556	16 296	D
324	Petroleum and coal products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	9	21	3	350	13 825	301	619	11 254	31 700	20 775	52 485	871
336	Transportation equipment manufacturing	—	14	4	j	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	12	4	j	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	12	4	j	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	—	10	4	j	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	JACKSON-YAZOO CITY, MS COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	449	155	21 238	655 903	16 460	31 189	418 726	1 999 910	2 293 764	4 321 750	108 522
311	Food manufacturing	1	39	13	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	14	8	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	2	14	8	h	D	D	D	D	D	D	D	D
311615	Poultry processing	2	5	5	3 139	61 592	2 900	5 493	52 779	170 595	257 617	432 473	8 258
3118	Bakeries and tortilla manufacturing	-	11	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	16	5	334	7 005	262	489	3 961	16 175	20 675	38 299	615
3152	Cut and sew apparel manufacturing	-	13	5	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	41	10	775	22 226	673	1 469	17 750	45 905	77 723	121 152	D
3211	Sawmills and wood preservation	2	18	6	417	13 660	368	813	11 432	24 036	53 560	77 398	1 451
32111	Sawmills and wood preservation	2	18	6	417	13 660	368	813	11 432	24 036	53 560	77 398	1 451
321113	Sawmills	1	15	6	404	13 221	357	790	11 129	23 321	49 234	72 357	1 336
3219	Other wood product manufacturing	2	22	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	11	7	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	11	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	7	5	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	4	51	11	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	4	51	11	f	D	D	D	D	D	D	D	D
32311	Printing	4	51	11	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	4	24	6	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	24	12	g	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325311	Nitrogenous fertilizer manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	3	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
3256	Soap, cleaning compound, and toilet preparation manufacturing	-	7	3	e	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	27	15	1 522	36 730	1 248	2 076	26 630	120 755	160 457	280 953	8 735
3261	Plastics product manufacturing	1	22	14	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	13	8	1 112	24 372	913	1 446	18 067	82 836	50 639	131 453	4 570
326199	All other plastics product manufacturing	2	10	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	32	13	g	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	5	20	9	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	6	13	4	e	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	6	13	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	5	3	445	19 345	353	777	14 393	45 070	78 385	124 951	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	JACKSON-YAZOO CITY, MS COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing	1	70	21	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	24	11	774	23 677	540	1 079	13 645	48 776	86 433	135 083	1 131
33231	Plate work and fabricated structural product manufacturing	3	14	9	631	19 076	445	880	10 948	39 227	76 931	116 227	970
332312	Fabricated structural metal manufacturing	3	12	7	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	—	10	5	480	19 711	410	830	15 893	48 432	63 705	115 784	1 528
33281	Coating, engraving, heat treating, and allied activities ..	—	10	5	480	19 711	410	830	15 893	48 432	63 705	115 784	1 528
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	7	3	382	17 408	325	703	14 009	43 546	62 453	109 646	1 092
333	Machinery manufacturing	—	26	10	g	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
333991	Power-driven handtool manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	17	10	2 147	68 025	1 626	3 322	41 381	193 276	190 678	376 982	6 282
3353	Electrical equipment manufacturing	—	9	5	1 349	42 337	1 013	2 157	24 806	119 074	144 342	260 647	4 834
33531	Electrical equipment manufacturing	—	9	5	1 349	42 337	1 013	2 157	24 806	119 074	144 342	260 647	4 834
335311	Power, distribution, and specialty transformer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	—	4	3	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	3	4	4	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	4	2	2	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	4	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	5	13	7	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	5	12	7	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	5	5	5	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	5	5	5	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	7	12	4	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	5	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	9	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JACKSON-YAZOO CITY, MS COMBINED STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	2	42	8	e	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	3	24	4	258	8 090	178	348	4 289	19 517	11 251	30 928	752
33911	Medical equipment and supplies manufacturing	3	24	4	258	8 090	178	348	4 289	19 517	11 251	30 928	752
Jackson, MS Metropolitan Statistical Area													
31-33	Manufacturing	1	424	148	19 626	605 431	15 225	28 859	393 209	1 895 661	2 117 592	4 027 243	103 132
311	Food manufacturing	2	36	12	3 848	81 940	3 428	6 414	64 416	233 012	351 205	588 316	11 100
3116	Animal slaughtering and processing	2	13	8	3 394	69 628	3 086	5 860	56 557	188 653	279 538	472 317	9 862
31161	Animal slaughtering and processing	2	13	8	3 394	69 628	3 086	5 860	56 557	188 653	279 538	472 317	9 862
311615	Poultry processing	2	5	5	3 139	61 592	2 900	5 493	52 779	170 595	257 617	432 473	8 258
3118	Bakeries and tortilla manufacturing	—	10	2	339	8 860	246	355	5 338	30 727	15 563	46 143	D
315	Apparel manufacturing	—	16	5	334	7 005	262	489	3 961	16 175	20 675	38 299	615
3152	Cut and sew apparel manufacturing	—	13	5	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	33	8	634	18 727	543	1 246	14 695	36 880	63 831	99 535	1 974
3211	Sawmills and wood preservation	2	13	5	336	11 181	291	678	9 174	19 153	45 060	63 645	1 113
32111	Sawmills and wood preservation	2	13	5	336	11 181	291	678	9 174	19 153	45 060	63 645	1 113
321113	Sawmills	1	10	5	323	10 742	280	655	8 871	18 438	40 734	58 604	998
3219	Other wood product manufacturing	2	19	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	10	6	718	27 711	578	1 206	19 574	87 128	132 328	219 790	4 661
3222	Converted paper product manufacturing	—	10	6	718	27 711	578	1 206	19 574	87 128	132 328	219 790	4 661
32221	Paperboard container manufacturing	—	8	6	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	7	5	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	4	50	11	627	20 740	443	780	12 032	51 985	25 880	77 829	1 923
3231	Printing and related support activities	4	50	11	627	20 740	443	780	12 032	51 985	25 880	77 829	1 923
32311	Printing	4	50	11	627	20 740	443	780	12 032	51 985	25 880	77 829	1 923
323110	Commercial lithographic printing	4	23	6	334	11 807	246	405	6 565	28 758	16 967	45 779	1 238
325	Chemical manufacturing	—	22	11	1 515	50 351	1 010	1 508	26 080	519 922	330 179	852 947	13 913
3254	Pharmaceutical and medicine manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	3	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
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	27	15	1 522	36 730	1 248	2 076	26 630	120 755	160 457	280 953	8 735
3261	Plastics product manufacturing	1	22	14	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	13	8	1 112	24 372	913	1 446	18 067	82 836	50 639	131 453	4 570
326199	All other plastics product manufacturing	2	10	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	30	13	999	31 866	716	1 459	21 452	86 210	92 201	177 122	9 476
3273	Cement and concrete product manufacturing	5	18	9	650	19 613	472	905	13 788	48 637	52 153	100 253	2 860
32732	Ready-mix concrete manufacturing	6	11	4	446	14 522	343	677	10 761	33 891	45 574	79 485	1 864
327320	Ready-mix concrete manufacturing	6	11	4	446	14 522	343	677	10 761	33 891	45 574	79 485	1 864

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	JACKSON-YAZOO CITY, MS COMBINED STATISTICAL AREA—Con.												
	Jackson, MS Metropolitan Statistical Area—Con.												
331	Primary metal manufacturing	—	5	3	445	19 345	353	777	14 393	45 070	78 385	124 951	D
332	Fabricated metal product manufacturing	1	69	21	2 009	68 499	1 575	3 181	48 454	162 200	191 011	357 015	5 125
3323	Architectural and structural metals manufacturing	2	24	11	774	23 677	540	1 079	13 645	48 776	86 433	135 083	1 131
33231	Plate work and fabricated structural product manufacturing	3	14	9	631	19 076	445	880	10 948	39 227	76 931	116 227	970
332312	Fabricated structural metal manufacturing	3	12	7	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	—	10	5	480	19 711	410	830	15 893	48 432	63 705	115 784	1 528
33281	Coating, engraving, heat treating, and allied activities ..	—	10	5	480	19 711	410	830	15 893	48 432	63 705	115 784	1 528
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	7	3	382	17 408	325	703	14 009	43 546	62 453	109 646	1 092
333	Machinery manufacturing	—	23	9	1 684	70 351	1 102	2 156	34 796	202 037	154 402	353 236	4 440
3333	Commercial and service industry machinery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
333991	Power-driven handtool manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	17	10	2 147	68 025	1 626	3 322	41 381	193 276	190 678	376 982	6 282
3353	Electrical equipment manufacturing	—	9	5	1 349	42 337	1 013	2 157	24 806	119 074	144 342	260 647	4 834
33531	Electrical equipment manufacturing	—	9	5	1 349	42 337	1 013	2 157	24 806	119 074	144 342	260 647	4 834
335311	Power, distribution, and specialty transformer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ..	—	4	3	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	3	4	4	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	4	2	2	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	4	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	4	12	6	1 714	59 830	1 438	2 470	43 513	38 877	153 854	209 527	23 134
3363	Motor vehicle parts manufacturing	4	11	6	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	3	4	4	1 298	45 356	1 093	1 737	32 574	6 655	109 830	133 814	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	3	4	4	1 298	45 356	1 093	1 737	32 574	6 655	109 830	133 814	D
33639	Other motor vehicle parts manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	4	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JACKSON-YAZOO CITY, MS COMBINED STATISTICAL AREA—Con.													
Jackson, MS Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing	7	11	4	449	10 658	322	743	8 014	25 106	22 629	47 577	2 081
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	41	8	489	15 219	297	513	6 686	37 875	24 332	61 333	1 476
3391	Medical equipment and supplies manufacturing	3	24	4	258	8 090	178	348	4 289	19 517	11 251	30 928	752
33911	Medical equipment and supplies manufacturing	3	24	4	258	8 090	178	348	4 289	19 517	11 251	30 928	752
Yazoo City, MS Micropolitan Statistical Area													
31-33	Manufacturing	1	25	7	1 612	50 472	1 235	2 330	25 517	104 249	176 172	294 507	5 390
325	Chemical manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325311	Nitrogenous fertilizer manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
BROOKHAVEN, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	27	9	1 209	40 357	1 063	1 969	32 002	130 685	146 208	273 255	6 917
321	Wood product manufacturing	—	7	2	259	6 309	235	398	4 967	11 724	49 217	59 730	303
3211	Sawmills and wood preservation	—	4	2	250	6 066	228	384	4 801	11 356	48 559	58 704	D
32111	Sawmills and wood preservation	—	4	2	250	6 066	228	384	4 801	11 356	48 559	58 704	D
336	Transportation equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
CLARKSDALE, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	21	12	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	4	4	314	13 000	207	383	5 835	16 968	13 940	30 643	755

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
CLEVELAND, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	24	10	2 116	59 216	1 648	3 109	35 886	152 207	146 856	300 884	8 201
311	Food manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	3	3	390	11 729	300	503	6 997	66 730	52 212	119 097	D
COLUMBUS, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	72	30	5 510	189 340	3 899	7 732	115 098	501 549	667 822	1 190 432	20 532
315	Apparel manufacturing	8	2	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	8	3	1 077	23 001	893	1 589	12 366	45 863	57 295	100 673	3 660
3219	Other wood product manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	6	10	4	302	10 725	220	458	6 374	41 879	25 564	67 309	1 570
332	Fabricated metal product manufacturing	—	6	5	429	16 001	262	516	8 802	35 639	32 264	67 467	297
3323	Architectural and structural metals manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	5	3	499	16 734	327	612	9 750	48 122	53 258	103 188	D
3353	Electrical equipment manufacturing	—	5	3	499	16 734	327	612	9 750	48 122	53 258	103 188	D
33531	Electrical equipment manufacturing	—	5	3	499	16 734	327	612	9 750	48 122	53 258	103 188	D
335312	Motor and generator 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 ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
COLUMBUS, MS MICROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	6	8	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	6	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	2	1	f	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
337215	Showcase, partition, shelving, and locker manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	6	7	3	458	19 671	235	438	5 980	16 570	18 962	43 888	D
3391	Medical equipment and supplies manufacturing	6	3	2	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	6	3	2	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	6	3	2	e	D	D	D	D	D	D	D	D
CORINTH, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	52	17	3 981	135 037	3 410	6 711	103 025	281 516	420 626	694 837	80 673
313	Textile mills	—	1	1	e	D	D	D	D	D	D	D	D
3132	Fabric mills	—	1	1	e	D	D	D	D	D	D	D	D
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
323	Printing and related support activities	—	5	2	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	—	5	2	f	D	D	D	D	D	D	D	D
32311	Printing	—	4	2	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
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
332	Fabricated metal product manufacturing	—	8	2	302	5 002	249	276	4 052	7 434	9 671	16 874	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	—	3	2	286	4 592	240	259	3 770	6 577	9 145	15 491	D
333	Machinery manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
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	—	4	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household 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 ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GREENVILLE, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	55	18	2 672	90 604	2 090	4 357	61 464	343 992	313 687	659 947	18 724
311	Food manufacturing	1	7	3	455	17 755	354	764	11 423	199 314	119 252	320 303	5 332
3112	Grain and oilseed milling	-	2	2	e	D	D	D	D	D	D	D	D
31121	Flour milling and malt manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
311212	Rice milling	-	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	-	3	1	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	2	1	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	-	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
GREENWOOD, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	41	15	2 661	58 271	2 248	4 312	42 050	229 508	280 890	508 955	12 653
311	Food manufacturing	1	5	3	791	16 170	718	1 448	11 677	54 995	93 856	149 100	5 071
3117	Seafood product preparation and packaging	-	2	2	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	2	2	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	-	2	2	e	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
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	5	3	604	11 937	535	982	8 918	28 886	21 200	49 743	707
3399	Other miscellaneous manufacturing	4	5	3	604	11 937	535	982	8 918	28 886	21 200	49 743	707
33999	All other miscellaneous manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
339992	Musical instrument manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	7	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GRENADA, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	26	12	3 022	76 594	2 506	4 462	55 552	147 201	247 694	401 163	10 919
315	Apparel manufacturing	-	2	1	e	D	D	D	D	D	D	D	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
315111	Sheer hosiery mills	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	4	400	10 439	340	656	8 130	22 199	62 157	84 790	3 134
3211	Sawmills and wood preservation	-	4	3	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	-	4	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
HATTIESBURG, MS METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	109	42	5 597	175 204	4 279	8 874	115 235	631 939	586 644	1 217 143	52 843
311	Food manufacturing	-	14	4	1 145	24 822	910	1 974	17 058	68 287	78 973	146 159	D
3115	Dairy product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	5	1	758	13 361	731	1 636	12 387	44 769	14 361	58 901	D
31161	Animal slaughtering and processing	1	5	1	758	13 361	731	1 636	12 387	44 769	14 361	58 901	D
311615	Poultry processing	-	2	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	13	5	505	15 377	436	1 015	12 092	25 367	70 957	97 527	762
3212	Veneer, plywood, and engineered wood product manufacturing	-	3	2	e	D	D	D	D	D	D	D	272
32121	Veneer, plywood, and engineered wood product manufacturing	-	3	2	e	D	D	D	D	D	D	D	272
322	Paper manufacturing	-	5	5	893	41 042	682	1 488	29 184	248 258	174 581	425 603	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
3222	Converted paper product manufacturing	-	4	4	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	6	4	298	14 008	224	513	9 700	51 212	50 162	100 904	1 671
326	Plastics and rubber products manufacturing	-	6	3	319	9 077	280	470	7 192	66 252	64 289	128 654	D
3261	Plastics product manufacturing	-	6	3	319	9 077	280	470	7 192	66 252	64 289	128 654	D
327	Nonmetallic mineral product manufacturing	-	12	6	315	7 955	262	504	5 987	21 533	15 435	37 093	605
3273	Cement and concrete product manufacturing	-	12	6	315	7 955	262	504	5 987	21 533	15 435	37 093	605
333	Machinery 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 ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HATTIESBURG, MS METROPOLITAN STATISTICAL AREA—Con.													
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
33521	Small electrical appliance manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335211	Electric housewares and household fan manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
INDIANOLA, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	23	9	1 157	24 344	951	1 735	16 317	212 686	229 156	469 034	30 970
311	Food manufacturing	—	9	7	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	—	3	3	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	—	3	3	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	—	3	3	f	D	D	D	D	D	D	D	D
LAUREL, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	89	30	7 998	213 428	6 546	11 413	141 775	627 123	720 526	1 343 874	30 627
311	Food manufacturing	—	12	5	h	D	D	D	D	D	D	D	4 716
3116	Animal slaughtering and processing	—	7	4	2 698	53 782	2 509	5 064	47 550	185 546	230 669	413 031	D
31161	Animal slaughtering and processing	—	7	4	2 698	53 782	2 509	5 064	47 550	185 546	230 669	413 031	D
311615	Poultry processing	—	4	4	2 694	53 708	2 506	5 060	47 504	185 461	230 309	412 586	D
321	Wood product manufacturing	—	18	7	1 141	33 706	900	1 934	18 628	171 303	90 537	257 211	13 189
3212	Veneer, plywood, and engineered wood product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	9	4	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	9	6	597	19 518	439	888	10 693	51 635	34 861	84 505	1 719
335	Electrical equipment, appliance, and component manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	8	4	2	294	9 120	243	459	6 670	12 177	13 003	25 104	1 913
3363	Motor vehicle parts manufacturing	8	3	2	e	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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MCCOMB, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	45	18	3 822	86 279	3 418	6 396	68 614	201 523	347 015	547 563	6 899
311	Food manufacturing	2	5	2	g	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
321	Wood product manufacturing	—	12	7	939	26 450	861	1 857	22 969	46 252	114 767	159 072	1 316
3211	Sawmills and wood preservation	—	6	3	311	9 682	295	612	8 977	16 253	65 603	81 803	554
32111	Sawmills and wood preservation	—	6	3	311	9 682	295	612	8 977	16 253	65 603	81 803	554
321113	Sawmills	—	6	3	311	9 682	295	612	8 977	16 253	65 603	81 803	554
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
3219	Other wood product manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	8	2	461	7 962	424	702	6 795	19 907	12 091	32 872	80
3323	Architectural and structural metals manufacturing	—	4	2	456	7 793	420	696	6 681	19 571	11 911	32 356	D
33232	Ornamental and architectural metal products manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
MEMPHIS, TN-MS-AR METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	1 104	393	46 851	1 763 622	32 778	64 797	1 019 082	6 663 121	8 162 424	14 764 059	569 853
311	Food manufacturing	—	69	32	5 300	211 718	3 534	6 635	126 912	1 378 533	1 171 161	2 573 504	55 250
3112	Grain and oilseed milling	—	9	7	g	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	5	5	g	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	1	1	e	D	D	D	D	D	D	D	D
311222	Soybean processing	—	1	1	e	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	—	3	3	e	D	D	D	D	D	D	D	D
31123	Breakfast cereal manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	8	5	700	26 042	590	1 099	19 681	304 980	116 390	421 427	3 914
31141	Frozen food manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	4	2	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	7	8	4	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	16	4	1 180	41 976	394	633	12 689	107 527	30 777	138 411	1 740
31181	Bread and bakery product manufacturing	—	14	3	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	4	3	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	10	3	379	13 783	268	369	6 899	66 331	51 241	117 332	D

See footnotes at end of table.

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

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MEMPHIS, TN-MS-AR METROPOLITAN STATISTICAL AREA—Con.													
312	Beverage and tobacco product manufacturing	-	11	6	1 127	51 514	864	1 812	39 107	410 891	423 471	829 980	D
3121	Beverage manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
31212	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	23	7	887	20 866	764	1 647	16 279	42 143	71 667	112 537	9 663
3141	Textile furnishings mills	-	10	3	619	14 229	543	1 188	11 622	17 098	47 536	63 617	D
31412	Curtain and linen mills	-	10	3	619	14 229	543	1 188	11 622	17 098	47 536	63 617	D
314129	Other household textile product mills	-	3	2	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	-	13	4	268	6 637	221	459	4 657	25 045	24 131	48 920	D
315	Apparel manufacturing	3	15	4	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	3	11	4	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	54	23	1 509	38 107	1 170	2 194	22 878	73 503	96 932	172 859	D
3219	Other wood product manufacturing	1	46	19	1 328	32 537	1 015	1 891	18 633	61 454	76 612	139 669	D
32191	Millwork	2	17	6	624	13 063	525	838	8 444	17 377	37 205	54 542	D
321918	Other millwork (including flooring)	-	12	4	502	9 715	445	677	6 600	11 857	28 333	40 134	D
32192	Wood container and pallet manufacturing	1	17	8	431	11 518	308	665	6 621	28 764	21 518	50 566	D
321920	Wood container and pallet manufacturing	1	17	8	431	11 518	308	665	6 621	28 764	21 518	50 566	D
32199	All other wood product manufacturing	-	12	5	273	7 956	182	388	3 568	15 313	17 889	34 561	D
322	Paper manufacturing	-	30	21	2 573	107 850	1 797	3 718	57 990	225 438	329 572	554 938	18 334
3221	Pulp, paper, and paperboard mills	1	2	2	f	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
3222	Converted paper product manufacturing	-	28	19	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	17	11	964	38 670	733	1 623	23 708	84 463	152 756	236 305	D
322211	Corrugated and solid fiber box manufacturing	-	13	9	769	30 137	591	1 323	18 392	69 365	138 467	206 906	D
32222	Paper bag and coated and treated paper manufacturing	-	5	4	876	31 571	680	1 337	19 853	79 740	98 650	177 662	D
322222	Coated and laminated paper manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	164	35	6 009	214 810	4 421	8 474	136 625	478 598	358 194	834 707	29 198
3231	Printing and related support activities	-	164	35	6 009	214 810	4 421	8 474	136 625	478 598	358 194	834 707	29 198
32311	Printing	-	145	31	5 809	205 704	4 282	8 187	131 790	461 753	354 849	814 369	28 843
323110	Commercial lithographic printing	-	69	22	4 670	161 474	3 476	6 520	103 111	321 957	224 710	544 695	23 140
323111	Commercial gravure printing	-	1	1	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	14	4	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	14	4	f	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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MEMPHIS, TN-MS-AR METROPOLITAN STATISTICAL AREA—Con.												
325	Chemical manufacturing	2	84	42	4 810	220 529	3 001	5 866	112 622	916 810	1 133 203	2 057 489	D
3251	Basic chemical manufacturing ...	—	17	7	1 494	81 158	807	1 666	38 754	330 178	465 646	800 015	D
32518	Other basic inorganic chemical manufacturing	—	4	3	674	45 533	246	468	13 693	207 905	145 810	352 959	D
325188	All other basic inorganic chemical manufacturing	—	4	3	674	45 533	246	468	13 693	207 905	145 810	352 959	D
32519	Other basic organic chemical manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1	7	5	459	15 357	359	747	10 315	38 762	87 735	126 764	D
32532	Pesticide and other agricultural chemical manufacturing	3	5	4	e	D	D	D	D	D	D	D	735
325320	Pesticide and other agricultural chemical manufacturing	3	5	4	e	D	D	D	D	D	D	D	735
3254	Pharmaceutical and medicine manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	5	19	7	899	37 405	465	847	12 716	136 606	232 183	368 391	D
32551	Paint and coating manufacturing	6	13	4	775	30 451	414	734	10 704	112 610	205 429	317 578	D
325510	Paint and coating manufacturing	6	13	4	775	30 451	414	734	10 704	112 610	205 429	317 578	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	4	19	10	909	40 726	582	943	19 824	171 215	137 450	308 443	D
32561	Soap and cleaning compound manufacturing	5	13	5	f	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	7	6	3	413	20 988	225	426	9 112	92 006	58 521	151 179	D
32562	Toilet preparation manufacturing	2	6	5	e	D	D	D	D	D	D	D	998
325620	Toilet preparation manufacturing	2	6	5	e	D	D	D	D	D	D	D	998
3259	Other chemical product and preparation manufacturing	—	14	7	440	19 399	367	753	15 667	86 591	104 538	191 856	5 724
32599	All other chemical product and preparation manufacturing ...	—	10	5	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	5	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	43	29	2 657	94 830	1 903	4 007	56 187	371 906	348 824	727 866	12 866
3261	Plastics product manufacturing ..	1	36	28	2 556	91 890	1 843	3 903	54 991	366 020	340 697	714 336	12 819
32611	Plastics packaging materials and un laminated film and sheet manufacturing	1	5	5	539	25 345	346	755	11 670	134 191	102 904	245 641	2 508
32616	Plastics bottle manufacturing ..	—	5	5	294	9 489	269	572	7 958	39 235	30 753	69 236	1 915
326160	Plastics bottle manufacturing	—	5	5	294	9 489	269	572	7 958	39 235	30 753	69 236	1 915
32619	Other plastics product manufacturing	1	17	13	1 288	43 543	925	1 949	27 380	146 233	168 776	315 162	5 786
326199	All other plastics product manufacturing	1	14	12	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	73	25	1 593	51 981	1 288	2 489	37 805	142 434	112 747	254 526	13 496
3271	Clay product and refractory manufacturing	4	7	5	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	3	41	12	771	23 388	609	1 086	16 980	68 309	54 168	121 944	8 470
32732	Ready-mix concrete manufacturing	4	29	9	514	15 931	429	745	12 349	46 856	44 078	91 268	6 546
327320	Ready-mix concrete manufacturing	4	29	9	514	15 931	429	745	12 349	46 856	44 078	91 268	6 546
3279	Other nonmetallic mineral product manufacturing	1	20	7	419	16 097	358	734	11 960	53 295	34 811	88 023	2 264
32799	All other nonmetallic mineral product manufacturing	1	20	7	419	16 097	358	734	11 960	53 295	34 811	88 023	2 264

See footnotes at end of table.

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

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MEMPHIS, TN-MS-AR METROPOLITAN STATISTICAL AREA—Con.													
331	Primary metal manufacturing	1	17	7	1 100	35 565	943	1 859	26 257	105 662	129 925	236 068	D
3312	Steel product manufacturing from purchased steel	2	6	4	661	22 722	583	1 195	17 576	69 913	77 635	147 183	2 919
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	1	1	e	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	1	1	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	3	5	3	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	3	2	e	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	3	2	e	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	189	68	5 259	194 070	3 893	7 956	122 645	498 299	467 130	953 277	71 203
3321	Forging and stamping.....	—	8	3	287	11 578	242	398	8 990	11 281	60 675	71 306	D
33211	Forging and stamping.....	—	8	3	287	11 578	242	398	8 990	11 281	60 675	71 306	D
3323	Architectural and structural metals manufacturing	1	69	34	2 619	94 619	1 834	3 842	52 732	219 838	193 624	407 299	30 417
33231	Plate work and fabricated structural product manufacturing	1	24	14	779	28 753	542	1 165	16 141	62 989	76 021	136 411	1 972
332312	Fabricated structural metal manufacturing	2	19	11	624	23 037	422	926	12 477	48 332	53 317	98 985	D
33232	Ornamental and architectural metal products manufacturing	1	45	20	1 840	65 866	1 292	2 677	36 591	156 849	117 603	270 888	28 445
332321	Metal window and door manufacturing	2	13	7	1 060	36 372	757	1 559	20 957	55 374	54 673	108 617	D
332322	Sheet metal work manufacturing	—	21	10	507	16 686	363	745	9 430	49 150	36 856	82 161	22 281
332323	Ornamental and architectural metal work manufacturing ..	—	11	3	273	12 808	172	373	6 204	52 325	26 074	80 110	D
3324	Boiler, tank, and shipping container manufacturing	—	13	8	650	24 255	504	1 044	16 837	91 298	124 049	215 886	2 806
33242	Metal tank (heavy gauge) manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	5	3	297	13 381	258	590	10 668	63 074	111 388	174 047	2 229
332431	Metal can manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	53	9	700	31 426	509	1 026	21 094	75 674	31 170	101 007	4 187
33271	Machine shops	1	47	7	621	28 083	453	903	19 076	70 430	29 740	94 190	3 223
332710	Machine shops	1	47	7	621	28 083	453	903	19 076	70 430	29 740	94 190	3 223
3329	Other fabricated metal product manufacturing	1	17	8	629	21 511	534	1 096	16 236	72 883	36 292	108 963	2 285
33291	Metal valve manufacturing	1	3	3	332	9 839	294	613	8 280	53 987	17 511	70 926	D
33299	All other fabricated metal product manufacturing	3	14	5	297	11 672	240	483	7 956	18 896	18 781	38 037	D
332999	All other miscellaneous fabricated metal product manufacturing	3	11	5	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	70	26	4 394	150 651	3 395	6 805	100 848	564 965	628 397	1 196 040	13 451
3333	Commercial and service industry machinery manufacturing	—	5	3	e	D	D	D	D	D	D	D	665
33331	Commercial and service industry machinery manufacturing	—	5	3	e	D	D	D	D	D	D	D	665
333313	Office machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

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	MEMPHIS, TN-MS-AR METROPOLITAN STATISTICAL AREA—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	15	10	g	D	D	D	D	D	D	D	5 391
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	15	10	g	D	D	D	D	D	D	D	5 391
333411	Air purification equipment manufacturing	4	8	5	e	D	D	D	D	D	D	D	1 277
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	6	5	g	D	D	D	D	D	D	D	4 114
3336	Engine, turbine, and power transmission equipment manufacturing	—	5	2	e	D	D	D	D	D	D	D	699
33361	Engine, turbine, and power transmission equipment manufacturing	—	5	2	e	D	D	D	D	D	D	D	699
333618	Other engine equipment manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	20	10	960	43 512	590	1 243	21 370	88 767	144 997	233 631	6 292
33392	Material handling equipment manufacturing	—	11	7	764	35 412	470	988	17 564	65 817	126 465	189 235	5 641
333922	Conveyor and conveying equipment manufacturing ..	—	9	5	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	22	11	1 842	55 900	1 380	2 558	35 695	158 457	257 408	391 454	8 802
3351	Electric lighting equipment manufacturing	6	5	4	658	19 084	490	936	12 570	53 538	66 102	120 054	D
33512	Lighting fixture manufacturing ..	6	5	4	658	19 084	490	936	12 570	53 538	66 102	120 054	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	2	2	f	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	2	13	4	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	2	13	4	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	31	11	796	26 671	509	1 094	13 384	70 315	89 370	160 748	6 432
3363	Motor vehicle parts manufacturing	—	16	6	390	13 635	240	495	5 793	48 436	50 673	99 517	4 270
337	Furniture and related product manufacturing	2	67	17	1 431	37 417	1 165	2 143	24 825	79 138	67 164	146 134	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	46	11	1 054	26 644	875	1 558	17 964	56 711	48 023	104 873	D
33711	Wood kitchen cabinet and countertop manufacturing	4	31	5	275	6 804	222	406	4 707	12 375	9 820	22 236	D
337110	Wood kitchen cabinet and countertop manufacturing ..	4	31	5	275	6 804	222	406	4 707	12 375	9 820	22 236	D
33712	Household and institutional furniture manufacturing	1	15	6	779	19 840	653	1 152	13 257	44 336	38 203	82 637	D
337124	Metal household furniture manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	103	21	4 103	186 108	1 689	3 382	44 653	713 186	245 402	921 307	70 178
3391	Medical equipment and supplies manufacturing	—	49	11	3 337	165 362	1 084	2 298	31 253	666 520	181 443	810 641	67 807
33911	Medical equipment and supplies manufacturing	—	49	11	3 337	165 362	1 084	2 298	31 253	666 520	181 443	810 641	67 807
339113	Surgical appliance and supplies manufacturing	—	13	5	2 964	151 274	861	1 900	25 043	636 604	170 567	769 753	66 471
3399	Other miscellaneous manufacturing	4	54	10	766	20 746	605	1 084	13 400	46 666	63 959	110 666	2 371
33995	Sign manufacturing	3	30	5	269	8 703	198	383	5 400	18 056	13 545	31 699	307
339950	Sign manufacturing	3	30	5	269	8 703	198	383	5 400	18 056	13 545	31 699	307

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MERIDIAN, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	'104	'37	'4 797	'139 650	'3 304	'6 879	'90 038	'359 148	'455 415	'836 213	'28 447
311	Food manufacturing	-	7	3	492	15 620	334	699	8 851	16 958	29 448	46 366	D
3118	Bakeries and tortilla manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	12	6	380	11 151	280	616	6 168	15 906	28 016	44 019	4 721
323	Printing and related support activities	-	11	1	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	11	1	e	D	D	D	D	D	D	D	D
32311	Printing	-	10	1	e	D	D	D	D	D	D	D	D
323118	Blankbook, looseleaf binders, and devices manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	5	3	393	10 190	337	605	8 150	38 367	48 737	86 875	1 670
3261	Plastics product manufacturing ..	2	4	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	17	6	626	20 326	461	953	10 922	58 373	66 659	124 782	7 522
3323	Architectural and structural metals manufacturing	-	8	5	579	19 208	416	869	10 040	55 764	64 754	120 164	7 436
33231	Plate work and fabricated structural product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
NATCHEZ, MS-LA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	32	7	1 114	45 091	937	1 917	33 828	98 004	202 218	312 494	12 088
322	Paper manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	2	2	2	f	D	D	D	D	D	D	D	D
32211	Pulp mills	2	2	2	f	D	D	D	D	D	D	D	D
322110	Pulp mills	2	2	2	f	D	D	D	D	D	D	D	D
OXFORD, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	23	10	1 781	47 254	1 556	3 171	37 426	151 596	184 638	332 345	8 872
335	Electrical equipment, appliance, and component manufacturing	-	2	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
335221	Household cooking appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
PICAYUNE, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	47	10	786	24 389	472	859	13 212	92 136	123 278	216 193	6 497

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
STARKVILLE, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	28	11	1 502	44 647	1 148	2 322	28 690	116 053	135 585	251 392	8 122
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
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
33712	Household and institutional furniture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
TUPELO, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	'277	'124	'21 818	'688 930	'18 146	'33 739	'506 036	'1 812 392	'2 356 290	'4 190 618	'73 530
311	Food manufacturing	3	7	4	486	13 506	414	852	10 282	33 614	52 395	85 965	887
3116	Animal slaughtering and processing	6	3	2	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	6	3	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	-	14	5	273	7 032	224	415	5 184	16 283	17 212	33 535	D
315	Apparel manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	25	11	575	14 838	482	836	11 508	39 723	59 605	99 065	2 098
3219	Other wood product manufacturing	2	14	6	282	4 220	224	275	2 866	7 879	8 842	16 615	280
322	Paper manufacturing	-	8	3	431	13 378	342	667	8 962	34 228	51 857	86 086	2 015
3222	Converted paper product manufacturing	-	8	3	431	13 378	342	667	8 962	34 228	51 857	86 086	2 015
32221	Paperboard container manufacturing	-	5	2	394	12 796	311	612	8 511	33 144	49 170	82 308	D
322211	Corrugated and solid fiber box manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	33	27	3 584	114 570	3 109	5 512	91 796	367 101	370 701	736 898	16 150
3261	Plastics product manufacturing ..	-	25	23	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	-	15	14	1 517	36 468	1 284	2 165	24 982	104 639	184 880	288 689	5 326
326150	Urethane and other foam product (except polystyrene) manufacturing	-	15	14	1 517	36 468	1 284	2 165	24 982	104 639	184 880	288 689	5 326
3262	Rubber product manufacturing ...	-	8	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	9	2	391	14 859	276	634	8 438	21 166	18 470	39 263	1 132
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
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TUPELO, MS MICROPOLITAN STATISTICAL AREA—Con.													
331	Primary metal manufacturing	-	6	4	f	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
331421	Copper rolling, drawing, and extruding	-	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	29	10	1 707	50 245	1 520	3 146	43 133	187 501	135 430	322 199	14 178
3323	Architectural and structural metals manufacturing	-	'8	3	'397	'11 991	'333	'693	'9 330	'66 209	'49 141	'115 541	D
33232	Ornamental and architectural metal products manufacturing	-	'6	3	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	16	6	1 625	52 382	1 311	2 522	39 143	116 962	176 617	318 206	3 549
3332	Industrial machinery manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33321	Sawmill and woodworking machinery manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
333210	Sawmill and woodworking machinery manufacturing ..	-	2	1	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	'78	'41	'10 632	'338 481	'8 885	'16 172	'238 527	'716 482	'810 469	'1 519 660	'19 981
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	'53	'32	'10 037	'321 604	'8 457	'15 288	'227 833	'665 702	'757 359	'1 416 980	'17 876
33712	Household and institutional furniture manufacturing	2	'49	'32	'10 020	'321 192	'8 443	'15 266	'227 552	'664 881	'756 795	'1 415 601	'17 865
337121	Upholstered household furniture manufacturing	-	'40	'27	'7 313	'237 544	'5 989	'10 248	'155 422	'446 970	'597 754	'1 042 284	'12 137
337122	Nonupholstered wood household furniture manufacturing	9	5	2	g	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	1	22	7	343	9 105	286	553	6 582	28 888	24 651	53 650	D
33721	Office furniture (including fixtures) manufacturing	1	22	7	343	9 105	286	553	6 582	28 888	24 651	53 650	D
3379	Other furniture related product manufacturing	-	3	2	252	7 772	142	331	4 112	21 892	28 459	49 030	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
VICKSBURG, MS MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	50	25	4 716	146 460	4 041	7 654	111 331	473 124	824 349	1 299 675	28 774
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	10	5	1 098	29 092	1 009	2 162	23 982	30 940	139 036	167 846	2 943
3211	Sawmills and wood preservation	-	5	2	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	-	5	2	e	D	D	D	D	D	D	D	D
321113	Sawmills	-	4	2	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	e	D	D	D	D	D	D	D	D
321912	Cut stock, resawing lumber, and planing	-	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	7	5	303	10 026	228	419	5 908	26 279	19 877	45 688	5 957
332	Fabricated metal product manufacturing	2	9	3	345	8 872	307	339	6 979	29 417	17 627	48 806	1 274
3323	Architectural and structural metals manufacturing	1	5	2	297	7 412	267	280	5 947	27 095	15 993	44 850	1 212
33232	Ornamental and architectural metal products manufacturing	1	5	2	297	7 412	267	280	5 947	27 095	15 993	44 850	1 212
332322	Sheet metal work manufacturing	1	2	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
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	-	3	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	2	2	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	2	2	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing	-	1	1	f	D	D	D	D	D	D	D	D

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

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

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

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

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

Table 3. Industry Statistics for Counties: 2002

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
ADAMS													
31-33	Manufacturing	1	26	6	g	D	D	D	D	D	D	D	
322	Paper manufacturing	2	2	2	f	D	D	D	D	D	D	D	
3221	Pulp, paper, and paperboard mills	2	2	2	f	D	D	D	D	D	D	D	
32211	Pulp mills	2	2	2	f	D	D	D	D	D	D	D	
322110	Pulp mills	2	2	2	f	D	D	D	D	D	D	D	
ALCORN													
31-33	Manufacturing	-	52	17	3 981	135 037	3 410	6 711	103 025	281 516	420 626	694 837	80 673
323	Printing and related support activities	-	5	2	f	D	D	D	D	D	D	D	
3231	Printing and related support activities	-	5	2	f	D	D	D	D	D	D	D	
32311	Printing	-	4	2	f	D	D	D	D	D	D	D	
323111	Commercial gravure printing	-	1	1	f	D	D	D	D	D	D	D	
333	Machinery manufacturing	-	5	3	f	D	D	D	D	D	D	D	
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing	-	6	2	f	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	
33712	Household and institutional furniture manufacturing	-	4	1	f	D	D	D	D	D	D	D	
337121	Upholstered household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	
AMITE													
31-33	Manufacturing	4	11	6	742	22 758	629	1 308	17 954	52 762	79 850	132 264	D
ATTALA													
31-33	Manufacturing	-	21	10	972	21 641	711	1 183	13 114	47 121	67 113	113 269	1 971
BOLIVAR													
31-33	Manufacturing	2	24	10	2 116	59 216	1 648	3 109	35 886	152 207	146 856	300 884	8 201
325	Chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	
3254	Pharmaceutical and medicine manufacturing	-	1	1	f	D	D	D	D	D	D	D	
32541	Pharmaceutical and medicine manufacturing	-	1	1	f	D	D	D	D	D	D	D	
325412	Pharmaceutical preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	
CALHOUN													
31-33	Manufacturing	2	'28	12	'1 454	'33 418	'1 116	'2 183	'23 133	'127 070	'197 825	'333 589	'4 644
337	Furniture and related product manufacturing	-	'12	6	'724	'16 504	'508	'976	'9 952	'97 505	'63 674	'160 618	'2 149
CHICKASAW													
31-33	Manufacturing	2	74	22	3 984	99 379	3 320	6 394	71 359	160 137	231 784	402 663	4 110
337	Furniture and related product manufacturing	-	34	13	3 041	73 890	2 597	4 996	55 399	107 566	146 326	255 641	1 963
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	30	12	3 002	73 079	2 560	4 939	54 689	106 310	144 001	252 075	1 909
33712	Household and institutional furniture manufacturing	-	30	12	3 002	73 079	2 560	4 939	54 689	106 310	144 001	252 075	1 909
337121	Upholstered household furniture manufacturing	-	28	12	h	D	D	D	D	D	D	D	
CLARKE													
31-33	Manufacturing	2	20	9	861	22 856	647	1 215	16 137	51 285	80 122	144 336	2 650

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CLAY													
31-33	Manufacturing	-	26	12	4 027	116 307	3 324	7 355	92 240	215 980	574 832	793 156	20 295
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	-	2	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	7	3	677	23 446	531	1 034	17 728	22 237	54 188	82 093	D
3324	Boiler, tank, and shipping container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
COAHOMA													
31-33	Manufacturing	-	21	12	g	D	D	D	D	D	D	D	D
COPIAH													
31-33	Manufacturing	-	32	17	2 285	61 228	1 843	3 888	43 318	182 117	294 354	475 594	13 832
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
COVINGTON													
31-33	Manufacturing	-	12	5	1 578	30 622	1 422	2 658	24 385	77 344	117 978	195 782	D
311	Food manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
DESOTO													
31-33	Manufacturing	1	124	44	5 511	196 671	4 200	8 532	128 648	638 080	791 429	1 430 750	72 306
323	Printing and related support activities	-	16	4	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	16	4	f	D	D	D	D	D	D	D	D
32311	Printing	-	16	4	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	7	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	4	558	21 390	456	967	16 685	119 477	91 891	214 061	2 465
3261	Plastics product manufacturing ..	-	5	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	28	9	1 178	44 721	872	1 693	28 266	132 917	164 615	298 568	D
3323	Architectural and structural metals manufacturing	1	9	6	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	7	4	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	2	3	3	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	9	5	3	509	16 723	408	845	11 862	42 624	51 755	94 230	1 288

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FORREST													
31-33	Manufacturing	1	81	29	4 105	119 554	3 085	6 294	74 091	453 733	340 589	789 264	38 967
311	Food manufacturing	—	11	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	4	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	4	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	2	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	4	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
3352	Household appliance manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335211	Electric housewares and household fan manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
GRENADA													
31-33	Manufacturing	—	26	12	3 022	76 594	2 506	4 462	55 552	147 201	247 694	401 163	10 919
333	Machinery manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
HANCOCK													
31-33	Manufacturing	1	29	7	f	D	D	D	D	D	D	D	D
HARRISON													
31-33	Manufacturing	1	135	35	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	9	4	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
HINDS													
31-33	Manufacturing	1	183	59	8 284	276 482	6 452	11 978	179 715	634 634	837 314	1 490 472	44 740
311	Food manufacturing	—	14	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	12	8	788	18 007	700	1 065	13 659	77 900	118 020	195 037	D
3261	Plastics product manufacturing	—	9	8	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	21	10	859	27 512	588	1 260	17 775	71 272	68 932	138 923	D
3273	Cement and concrete product manufacturing	6	12	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	31	9	1 087	35 980	908	1 803	28 082	84 550	104 043	192 347	2 408
333	Machinery manufacturing	—	10	4	1 403	61 911	899	1 771	29 747	183 177	135 780	315 523	D
3339	Other general purpose machinery manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²			All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HINDS—Con.													
336	Transportation equipment manufacturing	3	4	3	1 434	51 133	1 214	1 978	37 296	15 936	105 041	138 403	D
3363	Motor vehicle parts manufacturing	3	4	3	1 434	51 133	1 214	1 978	37 296	15 936	105 041	138 403	D
33632	Motor vehicle electrical and electronic equipment manufacturing	1	2	2	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	1	2	2	g	D	D	D	D	D	D	D	D
HOLMES													
31-33	Manufacturing	—	9	5	635	17 273	552	1 031	13 332	23 972	32 889	57 423	D
HUMPHREYS													
31-33	Manufacturing	5	4	4	f	D	D	D	D	D	D	D	D
311	Food manufacturing	5	4	4	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	5	4	4	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	5	4	4	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	5	4	4	f	D	D	D	D	D	D	D	D
ITAWAMBA													
31-33	Manufacturing	1	35	10	1 071	31 541	891	1 753	24 658	149 450	385 996	532 740	6 015
JACKSON													
31-33	Manufacturing	—	'86	'24	j	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	12	4	j	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	12	4	j	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	12	4	j	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	—	10	4	j	D	D	D	D	D	D	D	D
JASPER													
31-33	Manufacturing	2	13	6	g	D	D	D	D	D	D	D	4 011
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
JONES													
31-33	Manufacturing	—	76	24	i	D	D	D	D	D	D	D	26 616
311	Food manufacturing	—	10	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	5	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	5	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	3	3	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	16	6	g	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	—	2	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LAFAYETTE													
31-33	Manufacturing	-	23	10	1 781	47 254	1 556	3 171	37 426	151 596	184 638	332 345	8 872
335	Electrical equipment, appliance, and component manufacturing	-	2	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
335221	Household cooking appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
LAMAR													
31-33	Manufacturing	1	20	7	567	16 911	482	1 030	13 619	43 526	87 464	130 522	D
LAUDERDALE													
31-33	Manufacturing	-	74	23	3 693	109 588	2 460	5 310	69 322	295 891	359 582	664 158	25 241
334	Computer and electronic product manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
LAWRENCE													
31-33	Manufacturing	-	9	4	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
LEAKE													
31-33	Manufacturing	-	13	3	3 826	54 825	3 777	6 015	54 289	262 621	41 497	308 012	D
311	Food manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	h	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	h	D	D	D	D	D	D	D	D
LEE													
31-33	Manufacturing	-	159	70	14 131	467 638	11 421	21 339	325 261	1 169 302	1 435 625	2 634 422	52 803
326	Plastics and rubber products manufacturing	-	24	18	3 193	105 375	2 780	4 964	85 725	333 247	348 085	680 416	D
3261	Plastics product manufacturing	-	17	15	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	-	11	10	1 325	32 044	1 116	1 914	21 652	87 693	174 382	261 520	4 539
326150	Urethane and other foam product (except polystyrene) manufacturing	-	11	10	1 325	32 044	1 116	1 914	21 652	87 693	174 382	261 520	4 539
3262	Rubber product manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	17	8	1 509	44 587	1 349	2 825	38 701	146 741	119 125	266 268	D
3325	Hardware manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LEE—Con.													
333	Machinery manufacturing	—	10	4	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	2	1	f	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	30	17	h	D	D	D	D	D	D	D	10 469
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	21	14	h	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	18	14	h	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	—	15	12	h	D	D	D	D	D	D	D	D
LEFLORE													
31-33	Manufacturing	1	39	15	h	D	D	D	D	D	D	D	D
311	Food manufacturing	1	5	3	791	16 170	718	1 448	11 677	54 995	93 856	149 100	5 071
3117	Seafood product preparation and packaging	—	2	2	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	—	2	2	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	—	2	2	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
33636	Motor vehicle seating and interior trim manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	5	3	604	11 937	535	982	8 918	28 886	21 200	49 743	707
3399	Other miscellaneous manufacturing	4	5	3	604	11 937	535	982	8 918	28 886	21 200	49 743	707
33999	All other miscellaneous manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
LINCOLN													
31-33	Manufacturing	—	27	9	1 209	40 357	1 063	1 969	32 002	130 685	146 208	273 255	6 917
336	Transportation equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LOWNDES													
31-33	Manufacturing	1	72	30	5 510	189 340	3 899	7 732	115 098	501 549	667 822	1 190 432	20 532
321	Wood product manufacturing	-	8	3	1 077	23 001	893	1 589	12 366	45 863	57 295	100 673	3 660
3219	Other wood product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	6	8	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	6	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
MADISON													
31-33	Manufacturing	3	72	24	3 800	105 069	3 004	5 153	66 853	240 959	338 479	587 333	12 625
311	Food manufacturing	5	5	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	5	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	5	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	5	2	2	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	9	3	678	19 747	500	375	8 482	33 633	92 744	134 328	D
3254	Pharmaceutical and medicine manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	3	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
MARION													
31-33	Manufacturing	-	26	5	1 245	22 163	1 086	2 005	17 441	60 249	64 423	122 551	2 658
MARSHALL													
31-33	Manufacturing	2	32	14	1 103	31 978	857	1 552	20 914	73 047	83 891	157 112	4 009
MONROE													
31-33	Manufacturing	-	59	22	3 574	130 302	2 638	5 207	82 370	580 270	726 628	1 292 778	36 204
325	Chemical manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	3	1	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	15	8	1 370	35 161	1 219	2 176	27 851	72 032	94 394	162 216	5 405
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	5	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	9	5	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
MONTGOMERY													
31-33	Manufacturing	1	21	7	579	16 035	464	902	12 113	49 227	63 068	111 955	1 054
NESHOBA													
31-33	Manufacturing	-	24	9	1 209	32 028	1 007	2 052	25 168	122 846	200 351	309 307	17 231

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEWTON													
31-33	Manufacturing	-	23	5	1 858	45 819	1 652	2 984	40 090	100 116	135 221	232 411	2 276
337	Furniture and related product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
NOXUBEE													
31-33	Manufacturing	2	22	11	997	28 890	829	1 717	18 375	66 862	141 613	208 119	8 930
OKTIBBEHA													
31-33	Manufacturing	-	28	11	1 502	44 647	1 148	2 322	28 690	116 053	135 585	251 392	8 122
PANOLA													
31-33	Manufacturing	1	40	20	2 566	72 928	2 113	4 201	52 493	278 914	256 348	545 528	5 936
314	Textile product mills	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	10	4	f	D	D	D	D	D	D	D	1 165
339	Miscellaneous manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
PEARL RIVER													
31-33	Manufacturing	-	47	10	786	24 389	472	859	13 212	92 136	123 278	216 193	6 497
PERRY													
31-33	Manufacturing	-	8	6	925	38 739	712	1 550	27 525	134 680	158 591	297 357	D
PIKE													
31-33	Manufacturing	1	34	12	3 080	63 521	2 789	5 088	50 660	148 761	267 165	415 299	D
311	Food manufacturing	-	3	1	g	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
321	Wood product manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
PONTOTOC													
31-33	Manufacturing	3	'83	'44	'6 616	'189 751	'5 834	'10 647	'156 117	'493 640	'534 669	'1 023 456	'14 712
337	Furniture and related product manufacturing	4	'40	'22	'5 501	'163 800	'4 903	'9 098	'136 949	'405 704	'451 864	'853 505	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	'24	'16	'5 228	'157 173	'4 673	'8 655	'131 880	'381 909	'432 277	'809 947	'9 161
33712	Household and institutional furniture manufacturing	4	'24	'16	'5 228	'157 173	'4 673	'8 655	'131 880	'381 909	'432 277	'809 947	'9 161
337121	Upholstered household furniture manufacturing	-	'20	'14	h	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	4	2	g	D	D	D	D	D	D	D	D
PRETISS													
31-33	Manufacturing	4	52	22	3 843	96 118	3 016	6 012	64 052	418 230	460 977	883 418	20 383
326	Plastics and rubber products manufacturing	-	7	7	673	21 767	541	1 106	13 480	76 522	84 683	160 039	8 898
3261	Plastics product manufacturing ..	-	7	7	673	21 767	541	1 106	13 480	76 522	84 683	160 039	8 898
337	Furniture and related product manufacturing	9	14	5	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	11	3	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	7	3	g	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	9	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]

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
RANKIN													
31-33	Manufacturing	1	121	44	4 940	155 173	3 686	7 395	98 599	821 462	591 892	1 401 783	31 024
311	Food manufacturing	-	10	2	f	D	D	D	D	D	D	D	908
325	Chemical manufacturing	-	7	5	605	20 165	348	774	11 605	431 553	128 308	553 760	D
332	Fabricated metal product manufacturing	3	26	7	549	19 826	405	862	11 910	44 816	59 112	104 109	1 482
335	Electrical equipment, appliance, and component manufacturing	1	10	7	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	3	4	4	f	D	D	D	D	D	D	D	D
SCOTT													
31-33	Manufacturing	-	32	15	6 016	134 384	4 977	10 631	106 149	721 372	439 673	1 134 680	24 012
311	Food manufacturing	1	7	7	4 790	96 441	4 154	8 836	84 735	473 298	392 657	860 697	21 103
3116	Animal slaughtering and processing	1	5	5	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	5	5	h	D	D	D	D	D	D	D	D
311615	Poultry processing	1	4	4	h	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SMITH													
31-33	Manufacturing	1	15	9	1 310	42 801	1 081	2 168	33 335	93 644	155 980	248 657	2 776
321	Wood product manufacturing	-	5	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
STONE													
31-33	Manufacturing	3	11	5	f	D	D	D	D	D	D	D	D
SUNFLOWER													
31-33	Manufacturing	-	23	9	1 157	24 344	951	1 735	16 317	212 686	229 156	469 034	30 970
311	Food manufacturing	-	9	7	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	3	3	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	3	3	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	3	3	f	D	D	D	D	D	D	D	D
TATE													
31-33	Manufacturing	-	14	6	1 154	31 476	915	1 622	20 940	92 838	69 560	163 496	D
TIPPAH													
31-33	Manufacturing	4	33	14	3 027	81 079	2 531	4 887	60 235	197 558	217 242	417 454	11 938
337	Furniture and related product manufacturing	7	12	6	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	7	9	5	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	7	9	5	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	7	9	5	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 ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TISHOMINGO													
31-33	Manufacturing	1	34	15	2 562	57 786	2 099	3 760	42 050	148 096	199 577	349 817	3 110
315	Apparel manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
315228	Men's and boys' cut and sew other outerwear manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	7	4	862	20 114	774	1 435	16 527	66 217	82 048	143 613	518
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	6	4	f	D	D	D	D	D	D	D	D
TUNICA													
31-33	Manufacturing	2	8	3	548	10 679	481	749	8 381	18 179	26 133	44 050	D
UNION													
31-33	Manufacturing	-	36	17	3 217	88 769	2 634	4 716	65 094	153 597	211 511	370 285	4 450
332	Fabricated metal product manufacturing	-	5	3	f	D	D	D	D	D	D	D	950
3321	Forging and stamping	-	1	1	f	D	D	D	D	D	D	D	D
33211	Forging and stamping	-	1	1	f	D	D	D	D	D	D	D	D
332112	Nonferrous forging	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	15	7	1 681	42 241	1 356	2 668	32 609	75 920	108 361	185 064	2 582
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	12	6	1 614	41 059	1 292	2 555	31 509	73 236	104 837	178 898	D
33712	Household and institutional furniture manufacturing	-	9	6	1 605	40 794	1 285	2 540	31 328	72 765	104 511	178 101	D
337121	Upholstered household furniture manufacturing	-	8	6	g	D	D	D	D	D	D	D	2 331
WALTHALL													
31-33	Manufacturing	2	21	12	726	15 146	632	1 227	11 123	31 065	23 779	54 708	1 181
WARREN													
31-33	Manufacturing	-	50	25	4 716	146 460	4 041	7 654	111 331	473 124	824 349	1 299 675	28 774
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	10	5	1 098	29 092	1 009	2 162	23 982	30 940	139 036	167 846	D
3219	Other wood product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
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	-	3	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	2	2	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	2	2	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	-	1	1	f	D	D	D	D	D	D	D	D
WASHINGTON													
31-33	Manufacturing	-	55	18	2 672	90 604	2 090	4 357	61 464	343 992	313 687	659 947	18 724
WAYNE													
31-33	Manufacturing	-	20	9	991	25 194	870	1 715	18 309	111 466	149 259	264 289	1 450
WEBSTER													
31-33	Manufacturing	5	15	7	516	11 261	448	801	9 096	49 268	58 297	108 983	1 384

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
WINSTON													
31-33	Manufacturing	—	20	9	1 315	42 268	1 044	2 239	31 028	81 880	134 240	216 798	6 774
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
33392	Material handling equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
YALOBUSHA													
31-33	Manufacturing	9	12	5	1 573	42 802	1 352	2 703	32 416	129 726	161 089	290 611	5 840
311	Food manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	8	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	9	1	1	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
YAZOO													
31-33	Manufacturing	1	25	7	1 612	50 472	1 235	2 330	25 517	104 249	176 172	294 507	5 390
336	Transportation equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D

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

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

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

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

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

Table 4. Industry Statistics for Places: 2002

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
AMORY													
31-33	Manufacturing	-	24	12	g	D	D	D	D	D	D	D	8 949
337	Furniture and related product manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
BALDWYN													
31-33	Manufacturing	-	8	4	565	13 290	501	925	10 954	20 359	23 830	44 772	D
BATESVILLE													
31-33	Manufacturing	1	22	10	1 604	52 227	1 301	2 662	37 484	234 130	184 397	419 647	3 936
339	Miscellaneous manufacturing	2	3	3	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	3	3	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
BILOXI													
31-33	Manufacturing	5	39	10	f	D	D	D	D	D	D	D	D
BOONEVILLE													
31-33	Manufacturing	5	29	13	2 972	77 216	2 265	4 665	49 357	393 456	427 158	817 907	14 713
337	Furniture and related product manufacturing	9	10	3	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	9	2	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	6	2	g	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
BRANDON													
31-33	Manufacturing	-	15	6	884	19 260	613	1 246	12 075	141 316	60 672	201 726	D
BROOKHAVEN													
31-33	Manufacturing	-	12	5	933	30 874	832	1 529	25 560	105 951	126 824	229 424	D
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CANTON													
31-33	Manufacturing	5	9	5	1 800	39 229	1 603	3 127	34 157	98 338	132 061	231 402	D
311	Food manufacturing	5	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	5	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	5	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	5	2	2	g	D	D	D	D	D	D	D	D
CLARKSDALE													
31-33	Manufacturing	-	15	10	f	D	D	D	D	D	D	D	D
CLEVELAND													
31-33	Manufacturing	-	7	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CLINTON													
31-33	Manufacturing	-	19	5	1 667	58 562	1 408	2 340	44 094	54 277	243 618	313 093	15 836
336	Transportation equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
COLLINS													
31-33	Manufacturing	-	7	3	1 485	28 048	1 346	2 491	22 602	72 838	112 296	185 595	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
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
COLUMBIA													
31-33	Manufacturing	-	13	3	1 051	15 984	925	1 667	12 433	47 544	33 442	78 913	D
COLUMBUS													
31-33	Manufacturing	1	51	22	4 964	168 566	3 514	6 989	103 804	364 132	538 156	920 118	D
321	Wood product manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	6	4	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	3	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
CORINTH													
31-33	Manufacturing	-	40	12	h	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	3	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	3	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	3	1	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing	-	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	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CRYSTAL SPRINGS													
31-33	Manufacturing	-	15	6	f	D	D	D	D	D	D	D	D
FLOWOOD													
31-33	Manufacturing	1	23	12	1 337	38 582	1 005	1 945	22 024	139 355	164 442	294 424	4 059

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
FOREST													
31-33	Manufacturing	2	8	4	g	D	D	D	D	D	D	D	
311	Food manufacturing	2	3	3	g	D	D	D	D	D	D	D	
3116	Animal slaughtering and processing	2	2	2	g	D	D	D	D	D	D	D	
31161	Animal slaughtering and processing	2	2	2	g	D	D	D	D	D	D	D	
311615	Poultry processing	2	2	2	g	D	D	D	D	D	D	D	
FULTON													
31-33	Manufacturing	-	14	6	f	D	D	D	D	D	D	D	
GREENVILLE													
31-33	Manufacturing	-	39	16	2 166	76 608	1 663	3 445	50 750	298 540	271 081	571 250	D
GREENWOOD													
31-33	Manufacturing	3	24	10	g	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	
336360	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	
GRENADA													
31-33	Manufacturing	-	18	8	f	D	D	D	D	D	D	1 321	
GULFPORT													
31-33	Manufacturing	4	66	16	1 377	46 238	955	1 953	29 585	111 498	90 521	202 461	3 434
HATTIESBURG													
31-33	Manufacturing	-	64	25	3 837	112 192	2 870	5 881	69 132	436 489	325 710	757 204	38 122
311	Food manufacturing	-	9	3	g	D	D	D	D	D	D	D	
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	
322	Paper manufacturing	-	4	4	f	D	D	D	D	D	D	D	
3222	Converted paper product manufacturing	-	4	4	f	D	D	D	D	D	D	D	
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	
3352	Household appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	
33521	Small electrical appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	
335211	Electric housewares and household fan manufacturing	-	1	1	f	D	D	D	D	D	D	D	
HAZLEHURST													
31-33	Manufacturing	-	3	1	f	D	D	D	D	D	D	D	
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	
HERNANDO													
31-33	Manufacturing	1	20	6	720	26 361	538	940	16 332	32 579	82 007	113 978	D
HOLLY SPRINGS													
31-33	Manufacturing	2	17	10	770	22 484	554	1 138	13 079	55 594	58 502	112 488	3 506

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HOUSTON													
31-33	Manufacturing	2	23	8	1 617	46 080	1 318	2 625	30 817	79 904	116 738	205 549	2 058
337	Furniture and related product manufacturing	-	8	2	g	D	D	D	D	D	D	D	414
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	8	2	g	D	D	D	D	D	D	D	414
33712	Household and institutional furniture manufacturing	-	8	2	g	D	D	D	D	D	D	D	414
337121	Upholstered household furniture manufacturing	-	8	2	g	D	D	D	D	D	D	D	414
JACKSON													
31-33	Manufacturing	1	145	48	6 001	198 092	4 603	8 895	124 746	503 264	545 148	1 050 741	26 554
311	Food manufacturing	1	7	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	7	6	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	14	8	768	25 946	542	1 185	16 697	62 948	62 348	124 803	D
332	Fabricated metal product manufacturing	2	29	9	939	28 020	765	1 513	20 218	70 973	79 506	150 911	2 365
333	Machinery manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
KOSCIUSKO													
31-33	Manufacturing	-	17	8	846	18 600	596	915	10 907	43 827	60 616	103 564	D
LAUREL													
31-33	Manufacturing	-	38	14	5 276	147 000	4 266	6 894	95 962	446 121	419 881	864 984	21 147
311	Food manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	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
321219	Reconstituted wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
LOUISVILLE													
31-33	Manufacturing	-	11	8	1 107	38 432	851	1 848	27 846	72 814	115 302	189 057	D
333	Machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MERIDIAN													
31-33	Manufacturing	-	'54	'17	'2 493	'69 438	'1 512	'3 204	'44 021	'128 004	'178 127	'313 769	D
334	Computer and electronic product manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
MORTON													
31-33	Manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
MOSS POINT													
31-33	Manufacturing	3	12	6	531	17 933	315	569	9 498	39 080	23 858	62 972	D
NEW ALBANY													
31-33	Manufacturing	-	23	11	1 345	36 025	1 117	2 028	26 428	73 131	105 730	179 256	2 264
337	Furniture and related product manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
NEWTON													
31-33	Manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
OKOLONA													
31-33	Manufacturing	1	15	7	1 093	25 231	858	1 704	17 706	42 189	54 168	94 849	1 032
337	Furniture and related product manufacturing	1	8	5	f	D	D	D	D	D	D	D	897
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	8	5	f	D	D	D	D	D	D	D	897
33712	Household and institutional furniture manufacturing	1	8	5	f	D	D	D	D	D	D	D	897
337121	Upholstered household furniture manufacturing	1	7	5	f	D	D	D	D	D	D	D	D
OLIVE BRANCH													
31-33	Manufacturing	1	63	27	3 458	127 316	2 623	5 378	84 048	506 348	554 855	1 062 803	55 302
326	Plastics and rubber products manufacturing	-	6	4	558	21 390	456	967	16 685	119 477	91 891	214 061	2 465
3261	Plastics product manufacturing ..	-	5	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	14	6	548	22 313	413	902	14 511	110 510	114 548	227 255	2 533

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OXFORD													
31-33	Manufacturing	-	14	6	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
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
335221	Household cooking appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PASCAGOULA													
31-33	Manufacturing	-	31	8	j	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	1	j	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	7	1	j	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	7	1	j	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	-	7	1	j	D	D	D	D	D	D	D	D
PASS CHRISTIAN													
31-33	Manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PEARL													
31-33	Manufacturing	1	29	7	652	22 444	533	1 098	15 544	333 123	82 573	411 666	3 438
PHILADELPHIA													
31-33	Manufacturing	-	18	7	g	D	D	D	D	D	D	D	D
PONTOTOC													
31-33	Manufacturing	-	'36	'19	'2 259	'63 602	'1 958	'3 719	'52 310	'191 717	'205 462	'395 958	'7 025
337	Furniture and related product manufacturing	-	'11	'7	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	'8	'6	'1 523	'44 247	'1 330	'2 480	'36 585	'116 723	'131 663	'247 943	'2 523
33712	Household and institutional furniture manufacturing	-	'8	'6	'1 523	'44 247	'1 330	'2 480	'36 585	'116 723	'131 663	'247 943	'2 523
337121	Upholstered household furniture manufacturing	-	'7	'6	g	D	D	D	D	D	D	D	D
SALTILLO													
31-33	Manufacturing	-	9	2	f	D	D	D	D	D	D	D	D
SENATOBIA													
31-33	Manufacturing	-	5	3	942	25 575	763	1 373	18 089	63 195	48 665	112 840	D
STARKVILLE													
31-33	Manufacturing	-	19	10	g	D	D	D	D	D	D	D	8 079

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TUPELO													
31-33	Manufacturing	-	98	41	7 139	239 466	5 876	11 693	185 799	661 359	637 419	1 310 088	30 839
326	Plastics and rubber products manufacturing	-	16	11	2 393	86 497	2 124	4 007	73 956	278 959	252 848	532 156	12 622
3261	Plastics product manufacturing ..	-	11	9	f	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	-	7	6	f	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	-	7	6	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	5	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	13	7	g	D	D	D	D	D	D	D	7 474
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
335	Electrical equipment, appliance, and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	14	7	924	23 757	806	1 683	18 680	58 358	59 129	118 064	1 697
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	12	7	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	9	7	f	D	D	D	D	D	D	D	D
VERONA													
31-33	Manufacturing	-	11	7	1 417	38 172	1 191	2 073	29 101	100 182	149 179	249 620	D
333	Machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
VICKSBURG													
31-33	Manufacturing	-	35	18	g	D	D	D	D	D	D	D	16 707
321	Wood product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
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

See footnotes at end of table.

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
WATER VALLEY													
31-33	Manufacturing	9	7	4	1 495	40 881	1 285	2 555	31 113	125 750	158 738	284 284	5 699
311	Food manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	8	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	9	1	1	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
WAYNESBORO													
31-33	Manufacturing	-	11	7	928	24 062	812	1 650	17 418	107 921	145 438	256 902	1 306
WEST POINT													
31-33	Manufacturing	-	22	10	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	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	-	2	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
WIGGINS													
31-33	Manufacturing	3	9	5	f	D	D	D	D	D	D	D	D
YAZOO CITY													
31-33	Manufacturing	5	17	4	880	15 287	809	1 496	12 178	32 551	57 065	88 254	D
336	Transportation equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF ADAMS COUNTY													
31-33	Manufacturing	-	8	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32211	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF ALCORN COUNTY													
31-33	Manufacturing	2	12	5	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
BALANCE OF AMITE COUNTY													
31-33	Manufacturing	4	11	6	742	22 758	629	1 308	17 954	52 762	79 850	132 264	D
BALANCE OF BOLIVAR COUNTY													
31-33	Manufacturing	3	16	9	g	D	D	D	D	D	D	D	D
BALANCE OF CALHOUN COUNTY													
31-33	Manufacturing	2	'28	12	'1 454	'33 418	'1 116	'2 183	'23 133	'127 070	'197 825	'333 589	'4 644
337	Furniture and related product manufacturing	—	'12	6	'724	'16 504	'508	'976	'9 952	'97 505	'63 674	'160 618	'2 149
BALANCE OF CHICKASAW COUNTY													
31-33	Manufacturing	1	36	7	1 274	28 068	1 144	2 065	22 836	38 044	60 878	102 265	1 020
337	Furniture and related product manufacturing	—	18	6	1 012	22 371	913	1 578	18 204	24 303	47 502	75 160	652
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	14	5	973	21 560	876	1 521	17 494	23 047	45 177	71 594	598
33712	Household and institutional furniture manufacturing	—	14	5	973	21 560	876	1 521	17 494	23 047	45 177	71 594	598
337121	Upholstered household furniture manufacturing	—	13	5	f	D	D	D	D	D	D	D	D
BALANCE OF CLARKE COUNTY													
31-33	Manufacturing	2	20	9	861	22 856	647	1 215	16 137	51 285	80 122	144 336	2 650
BALANCE OF COPIAH COUNTY													
31-33	Manufacturing	—	14	10	990	28 174	769	1 680	20 688	92 405	167 295	259 745	6 099
BALANCE OF GRENADA COUNTY													
31-33	Manufacturing	—	8	4	g	D	D	D	D	D	D	D	9 598
333	Machinery manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF HARRISON COUNTY													
31-33	Manufacturing	—	17	4	f	D	D	D	D	D	D	D	D
BALANCE OF HINDS COUNTY													
31-33	Manufacturing	—	26	10	1 012	38 044	743	1 405	23 491	123 755	130 643	256 204	D
BALANCE OF HUMPHREYS COUNTY													
31-33	Manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
311	Food manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	4	3	3	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	4	3	3	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	4	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF JACKSON COUNTY													
31-33	Manufacturing	—	19	4	g	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF JASPER COUNTY													
31-33	Manufacturing	2	13	6	g	D	D	D	D	D	D	D	4 011
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
BALANCE OF JONES COUNTY													
31-33	Manufacturing	-	33	10	g	D	D	D	D	D	D	D	5 449
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
BALANCE OF LAMAR COUNTY													
31-33	Manufacturing	1	20	7	567	16 911	482	1 030	13 619	43 526	87 464	130 522	D
BALANCE OF LAUDERDALE COUNTY													
31-33	Manufacturing	-	20	6	1 200	40 150	948	2 106	25 301	167 887	181 455	350 389	D
BALANCE OF LAWRENCE COUNTY													
31-33	Manufacturing	-	9	4	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LEAKE COUNTY													
31-33	Manufacturing	-	11	2	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	h	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	h	D	D	D	D	D	D	D	D
BALANCE OF LEE COUNTY													
31-33	Manufacturing	-	40	19	4 734	167 252	3 625	6 099	91 805	358 102	587 455	964 878	12 361
337	Furniture and related product manufacturing	-	12	7	3 285	127 005	2 443	3 915	65 068	209 840	244 927	453 446	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	7	5	3 064	119 665	2 308	3 612	61 324	192 587	224 050	415 321	D
33712	Household and institutional furniture manufacturing	-	7	5	3 064	119 665	2 308	3 612	61 324	192 587	224 050	415 321	D
337121	Upholstered household furniture manufacturing	-	6	5	h	D	D	D	D	D	D	D	6 894
BALANCE OF LEFLORE COUNTY													
31-33	Manufacturing	-	15	5	1 138	22 525	1 018	2 027	16 973	151 864	196 204	345 394	7 270
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	2	2	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	2	2	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF LOWNDES COUNTY													
31-33	Manufacturing	1	21	8	546	20 774	385	743	11 294	137 417	129 666	270 314	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF MADISON COUNTY													
31-33	Manufacturing	1	30	12	1 357	39 220	1 018	1 331	20 924	76 870	134 551	217 672	6 214
325	Chemical manufacturing	-	3	2	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	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF MONROE COUNTY													
31-33	Manufacturing	-	25	6	1 526	59 814	1 167	2 351	36 378	305 138	323 042	632 643	26 393
325	Chemical manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	2	1	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	8	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
BALANCE OF NOXUBEE COUNTY													
31-33	Manufacturing	2	22	11	997	28 890	829	1 717	18 375	66 862	141 613	208 119	8 930
BALANCE OF PANOLA COUNTY													
31-33	Manufacturing	-	18	10	962	20 701	812	1 539	15 009	44 784	71 951	125 881	2 000
BALANCE OF PERRY COUNTY													
31-33	Manufacturing	-	8	6	925	38 739	712	1 550	27 525	134 680	158 591	297 357	D
BALANCE OF PIKE COUNTY													
31-33	Manufacturing	1	26	10	2 940	60 762	2 666	4 827	48 644	143 107	253 902	396 425	D
311	Food manufacturing	-	3	1	g	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
BALANCE OF PONTOTOC COUNTY													
31-33	Manufacturing	5	47	25	4 357	126 149	3 876	6 928	103 807	301 923	329 207	627 498	7 687
337	Furniture and related product manufacturing	5	29	15	h	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	16	10	3 705	112 926	3 343	6 175	95 295	265 186	300 614	562 004	6 638
33712	Household and institutional furniture manufacturing	5	16	10	3 705	112 926	3 343	6 175	95 295	265 186	300 614	562 004	6 638
337121	Upholstered household furniture manufacturing	-	13	8	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
BALANCE OF RANKIN COUNTY													
31-33	Manufacturing	1	37	12	1 252	41 878	915	1 781	27 465	115 339	140 542	255 951	14 378

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF SCOTT COUNTY													
31-33	Manufacturing	-	18	8	1 824	50 753	1 332	2 892	32 683	331 605	115 811	426 494	D
311	Food manufacturing	-	3	3	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
334	Computer and electronic product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF SMITH COUNTY													
31-33	Manufacturing	1	15	9	1 310	42 801	1 081	2 168	33 335	93 644	155 980	248 657	2 776
321	Wood product manufacturing	-	5	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
BALANCE OF SUNFLOWER COUNTY													
31-33	Manufacturing	-	17	7	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	9	7	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	3	3	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	3	3	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF TIPPAAH COUNTY													
31-33	Manufacturing	4	24	9	2 563	66 380	2 168	4 198	51 081	166 313	177 716	344 592	11 295
337	Furniture and related product manufacturing	7	9	4	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	7	7	4	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	7	7	4	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	7	7	4	g	D	D	D	D	D	D	D	D
BALANCE OF TISHOMINGO COUNTY													
31-33	Manufacturing	1	26	11	2 072	43 639	1 644	2 790	29 847	118 613	147 912	263 540	D
315	Apparel manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
315228	Men's and boys' cut and sew other outerwear manufacturing	-	1	1	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	518
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
BALANCE OF TUNICA COUNTY													
31-33	Manufacturing	2	8	3	548	10 679	481	749	8 381	18 179	26 133	44 050	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF UNION COUNTY													
31-33	Manufacturing	-	13	6	1 872	52 744	1 517	2 688	38 666	80 466	105 781	191 029	2 186
332	Fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3321	Forging and stamping	-	1	1	f	D	D	D	D	D	D	D	D
33211	Forging and stamping	-	1	1	f	D	D	D	D	D	D	D	D
332112	Nonferrous forging	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	7	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
337121	Upholstered household furniture manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
BALANCE OF WALTHALL COUNTY													
31-33	Manufacturing	2	21	12	726	15 146	632	1 227	11 123	31 065	23 779	54 708	1 181
BALANCE OF WARREN COUNTY													
31-33	Manufacturing	-	15	7	g	D	D	D	D	D	D	D	12 067
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
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
336611	Ship building and repairing ..	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF WEBSTER COUNTY													
31-33	Manufacturing	5	15	7	516	11 261	448	801	9 096	49 268	58 297	108 983	1 384
BALANCE OF YAZOO COUNTY													
31-33	Manufacturing	-	8	3	732	35 185	426	834	13 339	71 698	119 107	206 253	D

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

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

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

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

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

Table 5. Detailed Statistics for the State: 2002

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

Item	Value
MISSISSIPPI	
Companies ¹	N
All establishments ²	2 796
Establishments with 1 to 19 employees	'1 746
Establishments with 20 to 99 employees	629
Establishments with 100 employees or more	'421
All employees ³	'182 822
Total compensation	\$1,000.. '6 894 839
Annual payroll	\$1,000.. '5 476 928
Total fringe benefits	\$1,000.. '1 417 911
Production workers, average for year	number.. '146 003
Production workers on March 12	number.. '146 733
Production workers on May 12	number.. '145 649
Production workers on August 12	number.. '144 271
Production workers on November 12	number.. '147 112
Production worker hours	1,000.. '278 010
Production worker wages	\$1,000.. '3 765 645
Total cost of materials	\$1,000.. '22 128 173
Materials, parts, containers, packaging, etc., used	\$1,000.. '19 537 853
Resales	\$1,000.. '1 185 921
Purchased fuels	\$1,000.. '563 698
Purchased electricity	\$1,000.. '520 548
Contract work	\$1,000.. '320 153
Quantity of electricity purchased for heat and power	1,000 kWh.. '11 987 271
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 3 225 576
Total value of shipments	\$1,000.. '38 276 054
Value of resales	\$1,000.. '1 427 856
Value added	\$1,000.. '16 126 629
Total inventories, beginning of year	\$1,000.. '3 767 530
Finished goods inventories	\$1,000.. '1 509 075
Work-in-process inventories	\$1,000.. '901 400
Materials and supplies inventories	\$1,000.. '1 357 055
Total inventories, end of year	\$1,000.. '3 601 730
Finished goods inventories	\$1,000.. '1 474 938
Work-in-process inventories	\$1,000.. '828 309
Materials and supplies inventories	\$1,000.. '1 298 483
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '20 152 538
Total capital expenditures (new and used)	\$1,000.. '1 111 609
Buildings and other structures (new and used)	\$1,000.. '158 721
Machinery and equipment (new and used)	\$1,000.. '952 888
Automobiles, trucks, etc., for highway use	\$1,000.. '37 966
Computers and peripheral data processing equipment	\$1,000.. '68 661
All other expenditures for machinery and equipment	\$1,000.. '846 261
Total retirements	\$1,000.. '654 415
Gross value of depreciable assets at end of year	\$1,000.. '20 609 732
Depreciation charges during year	\$1,000.. '1 070 157
Total rental payments	\$1,000.. '212 568
Buildings and other structures	\$1,000.. '83 894
Machinery and equipment	\$1,000.. 128 674

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

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

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

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

Appendix A.

Explanation of Terms

COMPANY

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

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

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

Establishment

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

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

PAYROLL

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

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

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

TOTAL FRINGE BENEFITS

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

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

NUMBER OF EMPLOYEES

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

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

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

Production Workers

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

All Other Employees

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

PRODUCTION-WORKER HOURS

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

COST OF MATERIALS

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

Included in this item are:

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

Specific materials consumed

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

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

QUANTITY OF ELECTRICITY PURCHASED FOR HEAT AND POWER

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

TOTAL VALUE OF SHIPMENTS

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

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

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

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

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

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

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

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

Duplication in cost of materials and value of shipment

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

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

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

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

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

Specialization and coverage ratio

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

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

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

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

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

VALUE ADDED

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

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

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

TOTAL END-OF-YEAR INVENTORIES

This item is comprised of:

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

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

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

Inventory valuations include:

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

GROSS VALUE OF DEPRECIABLE/DEPLETABLE ASSETS AT BEGINNING OF YEAR

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

Gross value of depreciable/depletable assets includes:

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

Excluded are nondepreciable capital assets including inventories and intangible assets.

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

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

CAPITAL EXPENDITURES FOR NEW AND USED PLANT AND EQUIPMENT

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

These data include expenditures for:

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

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

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

RETIREMENTS OF DEPRECIABLE ASSETS

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

RENTAL PAYMENTS

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

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

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

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

DEPRECIATION CHARGES FOR FIXED ASSETS

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

Appendix B.

NAICS Codes, Titles, and Descriptions

SECTOR 31-33 MANUFACTURING

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

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

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

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

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

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

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

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

311 FOOD MANUFACTURING

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

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

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

3111 ANIMAL FOOD MANUFACTURING

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

31111 ANIMAL FOOD MANUFACTURING

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

311111 DOG AND CAT FOOD MANUFACTURING

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

311119 OTHER ANIMAL FOOD MANUFACTURING

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

3112 GRAIN AND OILSEED MILLING

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

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

31121 FLOUR MILLING AND MALT MANUFACTURING

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

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

311211 FLOUR MILLING

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

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

311212 RICE MILLING

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

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

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

311213 MALT MANUFACTURING

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

31122 STARCH AND VEGETABLE FATS AND OILS MANUFACTURING

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

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

311221 WET CORN MILLING

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

311222 SOYBEAN PROCESSING

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

311223 OTHER OILSEED PROCESSING

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

311225 FATS AND OILS REFINING AND BLENDING

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

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

31123 BREAKFAST CEREAL MANUFACTURING

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

311230 BREAKFAST CEREAL MANUFACTURING

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

3113 SUGAR AND CONFECTIONERY PRODUCT MANUFACTURING

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

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

31131 SUGAR MANUFACTURING

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

311311 SUGARCANE MILLS

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

311312 CANE SUGAR REFINING

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

311313 BEET SUGAR MANUFACTURING

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

31132 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

311320 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

31133 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

311330 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

3114 FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOOD MANUFACTURING

This industry group comprises establishments primarily engaged in the following:

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

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

31141 FROZEN FOOD MANUFACTURING

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

311411 FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING

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

311412 FROZEN SPECIALTY FOOD MANUFACTURING

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

31142 FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING

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

311421 FRUIT AND VEGETABLE CANNING

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

311422 SPECIALTY CANNING

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

311423 DRIED AND DEHYDRATED FOOD MANUFACTURING

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

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

3115 DAIRY PRODUCT MANUFACTURING

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

31151 DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING

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

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

311511 FLUID MILK MANUFACTURING

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

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

311512 CREAMERY BUTTER MANUFACTURING

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

311513 CHEESE MANUFACTURING

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

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

311514 DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING

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

31152 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

311520 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

3116 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

31161 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

311611 ANIMAL (EXCEPT POULTRY) SLAUGHTERING

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

311612 MEAT PROCESSED FROM CARCASSES

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

311613 RENDERING AND MEAT BYPRODUCT PROCESSING

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

311615 POULTRY PROCESSING

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

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

3117 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

31171 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

311711 SEAFOOD CANNING

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

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

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

311712 FRESH AND FROZEN SEAFOOD PROCESSING

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

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

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

3118 BAKERIES AND TORTILLA MANUFACTURING

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

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

31181 BREAD AND BAKERY PRODUCT MANUFACTURING

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

311811 RETAIL BAKERIES

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

311812 COMMERCIAL BAKERIES

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

311813 FROZEN CAKES, PIES, AND OTHER PASTRIES MANUFACTURING

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

31182 COOKIE, CRACKER, AND PASTA MANUFACTURING

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

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

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

311821 COOKIE AND CRACKER MANUFACTURING

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

311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR

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

311823 DRY PASTA MANUFACTURING

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

311821 COOKIE AND CRACKER MANUFACTURING

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

311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR

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

311823 DRY PASTA MANUFACTURING

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

31183 TORTILLA MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing tortillas.

311830 TORTILLA MANUFACTURING

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

3119 OTHER FOOD MANUFACTURING

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

31191 SNACK FOOD MANUFACTURING

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

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

311911 ROASTED NUTS AND PEANUT BUTTER MANUFACTURING

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

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

311919 OTHER SNACK FOOD MANUFACTURING

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

31192 COFFEE AND TEA MANUFACTURING

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

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

311920 COFFEE AND TEA MANUFACTURING

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

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

31193 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

311930 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

31194 SEASONING AND DRESSING MANUFACTURING

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

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

311941 MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING

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

311942 SPICE AND EXTRACT MANUFACTURING

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

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

31199 ALL OTHER FOOD MANUFACTURING

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

311991 PERISHABLE PREPARED FOOD MANUFACTURING

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

311999 ALL OTHER MISCELLANEOUS FOOD MANUFACTURING

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

312 BEVERAGE AND TOBACCO PRODUCT MANUFACTURING

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

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

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

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

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

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

3121 BEVERAGE MANUFACTURING

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

31211 SOFT DRINK AND ICE MANUFACTURING

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

1. Manufacturing soft drinks;

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

312111 SOFT DRINK MANUFACTURING

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

312112 BOTTLED WATER MANUFACTURING

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

312113 ICE MANUFACTURING

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

31212 BREWERIES

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

312120 BREWERIES

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

31213 WINERIES

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

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

312130 WINERIES

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

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

31214 DISTILLERIES

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

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

312140 DISTILLERIES

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

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

3122 TOBACCO MANUFACTURING

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

31221 TOBACCO STEMMING AND REDRYING

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

312210 TOBACCO STEMMING AND REDRYING

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

31222 TOBACCO PRODUCT MANUFACTURING

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

312221 CIGARETTE MANUFACTURING

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

312229 OTHER TOBACCO PRODUCT MANUFACTURING

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

313 TEXTILE MILLS

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

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

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

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

3131 FIBER, YARN, AND THREAD MILLS

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

31311 FIBER, YARN, AND THREAD MILLS

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

1. spinning yarn

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

313111 YARN SPINNING MILLS

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

313112 YARN TEXTURIZING, THROWING, AND TWISTING MILLS

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

313113 THREAD MILLS

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

3132 FABRIC MILLS

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

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

31321 BROADWOVEN FABRIC MILLS

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

313210 BROADWOVEN FABRIC MILLS

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

31322 NARROW FABRIC MILLS AND SCHIFFLI MACHINE EMBROIDERY

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

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

313221 NARROW FABRIC MILLS

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

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

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

313222 SCHIFFLI MACHINE EMBROIDERY

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

31323 NONWOVEN FABRIC MILLS

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

313230 NONWOVEN FABRIC MILLS

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

31324 KNIT FABRIC MILLS

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

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

313241 WEFT KNIT FABRIC MILLS

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

313249 OTHER KNIT FABRIC AND LACE MILLS

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

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

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

3133 TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS

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

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

31331 TEXTILE AND FABRIC FINISHING MILLS

This industry comprises:

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

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

313311 BROADWOVEN FABRIC FINISHING MILLS

This U.S. industry comprises:

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

313312 TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS

This U.S. industry comprises:

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

31332 FABRIC COATING MILLS

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

313320 FABRIC COATING MILLS

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

314 TEXTILE PRODUCT MILLS

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

3141 TEXTILE FURNISHINGS MILLS

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

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

31411 CARPET AND RUG MILLS

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

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

314110 CARPET AND RUG MILLS

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

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

31412 CURTAIN AND LINEN MILLS

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

314121 CURTAIN AND DRAPERY MILLS

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

314129 OTHER HOUSEHOLD TEXTILE PRODUCT MILLS

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

3149 OTHER TEXTILE PRODUCT MILLS

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

31491 TEXTILE BAG AND CANVAS MILLS

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

314911 TEXTILE BAG MILLS

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

314912 CANVAS AND RELATED PRODUCT MILLS

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

31499 ALL OTHER TEXTILE PRODUCT MILLS

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

314991 ROPE, CORDAGE, AND TWINE MILLS

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

314992 TIRE CORD AND TIRE FABRIC MILLS

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

314999 ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS

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

315 APPAREL MANUFACTURING

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

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

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

3151 APPAREL KNITTING MILLS

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

31511 HOSIERY AND SOCK MILLS

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

315111 SHEER HOSIERY MILLS

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

315119 OTHER HOSIERY AND SOCK MILLS

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

31519 OTHER APPAREL KNITTING MILLS

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

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

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

315191 OUTERWEAR KNITTING MILLS

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

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

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

315192 UNDERWEAR AND NIGHTWEAR KNITTING MILLS

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

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

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

3152 CUT AND SEW APPAREL MANUFACTURING

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

31521 CUT AND SEW APPAREL CONTRACTORS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

31529 OTHER CUT AND SEW APPAREL MANUFACTURING

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

315291 INFANTS' CUT AND SEW APPAREL MANUFACTURING

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

315292 FUR AND LEATHER APPAREL MANUFACTURING

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

315299 ALL OTHER CUT AND SEW APPAREL MANUFACTURING

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

3159 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

31599 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

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

315991 HAT, CAP, AND MILLINERY MANUFACTURING

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

315992 GLOVE AND MITTEN MANUFACTURING

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

315993 MEN'S AND BOYS' NECKWEAR MANUFACTURING

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

315999 OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

316 LEATHER AND ALLIED PRODUCT MANUFACTURING

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

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

3161 LEATHER AND HIDE TANNING AND FINISHING

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

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

31611 LEATHER AND HIDE TANNING AND FINISHING

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

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

316110 LEATHER AND HIDE TANNING AND FINISHING

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

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

3162 FOOTWEAR MANUFACTURING

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

31621 FOOTWEAR MANUFACTURING

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

316211 RUBBER AND PLASTICS FOOTWEAR MANUFACTURING

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

316212 HOUSE SLIPPER MANUFACTURING

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

316213 MEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316214 WOMEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316219 OTHER FOOTWEAR MANUFACTURING

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

3169 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

31699 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

316991 LUGGAGE MANUFACTURING

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

316992 WOMEN'S HANDBAG AND PURSE MANUFACTURING

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

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

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

316999 ALL OTHER LEATHER GOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing leather goods (except footwear, luggage, handbags, purses, and personal leather goods).

321 WOOD PRODUCT MANUFACTURING

Industries in the Wood Product Manufacturing subsector manufacture wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, manufactured homes (i.e., mobile home), and prefabricated wood buildings. The production processes of the Wood Product Manufacturing subsector include sawing, planing, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that then may be further cut, or shaped by lathes or other shaping tools. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers. The Wood Product Manufacturing subsector includes establishments that make wood products from logs and bolts that are sawed and shaped, and establishments that purchase sawed lumber and make wood products. With the exception of sawmills and wood preservation establishments, the establishments are grouped into industries mainly based on the specific products manufactured.

3211 SAWMILLS AND WOOD PRESERVATION

This industry group comprises establishments whose primary production process begins with logs or bolts that are transformed into boards, dimension lumber, beams, timbers, poles, ties, shingles, shakes, siding, and wood chips. Establishments that cut and treat round wood and/or treat wood products made in other establishments to prevent rotting by impregnation with creosote or other chemical compounds are also included in this industry group.

32111 SAWMILLS AND WOOD PRESERVATION

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

1. sawing dimension lumber, boards, beams, timber, poles, ties, shingles, shakes, siding, and wood chips from logs or bolts;
2. sawing round wood poles, pilings, and posts and treating them with preservatives; and
3. treating wood sawed, planed, or shaped in other establishments with creosote or other preservatives to prevent decay and to protect against fire and insects.

Sawmills may plane the rough lumber that they make with a planing machine to achieve smoothness and uniformity of size.

321113 SAWMILLS

This U.S. industry comprises establishments primarily engaged in sawing dimension lumber, boards, beams, timbers, poles, ties, shingles, shakes, siding, and wood chips from logs or bolts. Sawmills may plane the rough lumber that they make with a planing machine to achieve smoothness and uniformity of size.

321114 WOOD PRESERVATION

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

1. treating wood sawed, planed, or shaped in other establishments with creosote or other preservatives, such as chromated copper arsenate, to prevent decay and to protect against fire and insects and/or
2. sawing round wood poles, pilings, and posts and treating them with preservatives.

3212 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

1. Manufacturing veneer and/or plywood;
2. Manufacturing engineered wood members; and
3. Manufacturing reconstituted wood products.

This industry includes manufacturing plywood from veneer made in the same establishment or from veneer made in other establishments, and manufacturing plywood faced with nonwood materials, such as plastics or metal.

32121 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

1. manufacturing veneer and/or plywood;
2. manufacturing engineered wood members; and
3. manufacturing reconstituted wood products.

This industry includes manufacturing plywood from veneer made in the same establishment or from veneer made in other establishments, and manufacturing plywood faced with nonwood materials, such as plastics or metal.

321211 HARDWOOD VENEER AND PLYWOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing hardwood veneer and/or hardwood plywood.

321212 SOFTWOOD VENEER AND PLYWOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing softwood veneer and/or softwood plywood.

321213 ENGINEERED WOOD MEMBER (EXCEPT TRUSS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated or laminated wood arches and/or other fabricated or laminated wood structural members.

321214 TRUSS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing laminated or fabricated wood roof and floor trusses.

321219 RECONSTITUTED WOOD PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing reconstituted wood sheets and boards.

3219 OTHER WOOD PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and wood preservation facilities; and establishments manufacturing veneer, plywood, or engineered wood products).

32191 MILLWORK

This industry comprises establishments primarily engaged in manufacturing hardwood and softwood cut stock and dimension stock (i.e., shapes); wood windows and wood doors; and other millwork including wood flooring. Dimension stock or cut stock is defined as lumber and worked wood products cut or shaped to specialized sizes. These establishments generally use woodworking machinery, such as jointers, planers, lathes, and routers to shape wood.

321911 WOOD WINDOW AND DOOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing window and door units, sash, window and door frames, and doors from wood or wood clad with metal or plastics.

321912 CUT STOCK, RESAWING LUMBER, AND PLANING

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

1. manufacturing dimension lumber from purchased lumber;
2. manufacturing dimension stock (i.e., shapes) or cut stock;
3. resawing the output of sawmills; and
4. planing purchased lumber.

These establishments generally use woodworking machinery, such as jointers, planers, lathes, and routers to shape wood.

321918 OTHER MILLWORK (INCLUDING FLOORING)

This U.S. industry comprises establishments primarily engaged in manufacturing millwork (except wood windows, wood doors, and cut stock).

32192 WOOD CONTAINER AND PALLET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood pallets, wood box shoo, wood boxes, other wood containers, and wood parts for pallets and containers.

321920 WOOD CONTAINER AND PALLET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood pallets, wood box shoo, wood boxes, other wood containers, and wood parts for pallets and containers.

32199 ALL OTHER WOOD PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and wood preservation facilities; and establishments manufacturing veneer, plywood, engineered wood products, millwork, wood containers, or pallets).

321991 MANUFACTURED HOME (MOBILE HOME) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in making manufactured homes (i.e., mobile homes) and nonresidential mobile buildings. Manufactured homes are designed to accept permanent water, sewer, and utility connections and although equipped with wheels, they are not intended for regular highway movement.

321992 PREFABRICATED WOOD BUILDING MANUFACTURING

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

321999 ALL OTHER MISCELLANEOUS WOOD PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and preservation facilities; establishments manufacturing veneer, engineered wood products, millwork, wood containers, pallets, and wood container parts; and establishments making manufactured homes (i.e., mobile homes) and prefabricated buildings and components).

322 PAPER MANUFACTURING

Industries in the Paper Manufacturing subsector make pulp, paper, or converted paper products. The manufacturing of these products is grouped together because they constitute a series of vertically connected processes. More than one is often carried out in a single establishment. There are essentially three activities. The manufacturing of pulp involves separating the cellulose fibers from other impurities in wood or used paper. The manufacturing of paper involves matting these fibers into a sheet. Converted paper products are made from paper and other materials by various cutting and shaping techniques and includes coating and laminating activities.

The Paper Manufacturing subsector is subdivided into two industry groups, the first for the manufacturing of pulp and paper and the second for the manufacturing of converted paper products. Paper making is treated as the core activity of the subsector. Therefore, any establishment that makes paper (including paperboard), either alone or in combination with pulp manufacturing or paper converting, is classified as a paper or paperboard mill. Establishments that make pulp without making paper are classified as pulp mills. Pulp mills, paper mills and paperboard mills comprise the first industry group.

Establishments that make products from purchased paper and other materials make up the second industry group, Converted Paper Product Manufacturing. This general activity is then subdivided based, for the most part, on process distinctions. Paperboard container manufacturing uses corrugating, cutting, and shaping machinery to form paperboard into containers. Paper bag and coated and treated paper manufacturing establishments cut and coat paper and foil. Stationery product manufacturing establishments make a variety of paper products used for writing, filing, and similar applications. Other converted paper product manufacturing includes, in particular, the conversion of sanitary paper stock into such things as tissue paper and disposable diapers.

An important process used in the Paper Bag and Coated and Treated Paper Manufacturing industry is lamination, often combined with coating. Lamination and coating makes a composite material with improved properties of strength, impermeability, and so on. The laminated materials may be paper, metal foil, or plastics film. While paper is often one of the components, it is not always. Lamination of plastics film to plastics film is classified in the NAICS Subsector 326, Plastics and Rubber Products Manufacturing, because establishments that do this often first make the film. The same situation holds with respect to bags. The manufacturing of bags from plastics only, whether or not laminated, is classified in Subsector 326, Plastics and Rubber Products Manufacturing, but all other bag manufacturing is classified in this subsector.

Excluded from this subsector are photosensitive papers. These papers are chemically treated and are classified in Industry 32599, All Other Chemical Product and Preparation Manufacturing.

3221 PULP, PAPER, AND PAPERBOARD MILLS

This industry group comprises establishments primarily engaged in manufacturing pulp, paper, or paperboard.

32211 PULP MILLS

This industry comprises establishments primarily engaged in manufacturing pulp without manufacturing paper or paperboard. The pulp is made by separating the cellulose fibers from the other impurities in wood or other materials, such as used or recycled rags, linters, scrap paper, and straw.

322110 PULP MILLS

This U.S. industry comprises establishments primarily engaged in manufacturing pulp without manufacturing paper or paperboard. The pulp is made by separating the cellulose fibers from the other impurities in wood or other materials, such as used or recycled rags, linters, scrap paper, and straw.

32212 PAPER MILLS

This industry comprises establishments primarily engaged in manufacturing paper from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may convert the paper they make. The activity of making paper classifies an establishment into this industry regardless of the output.

322121 PAPER (EXCEPT NEWSPRINT) MILLS

This U.S. industry comprises establishments primarily engaged in manufacturing paper (except newsprint and uncoated groundwood paper) from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paper they make.

322122 NEWSPRINT MILLS

This U.S. industry comprises establishments primarily engaged in manufacturing newsprint and uncoated groundwood paper from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paper they make.

32213 PAPERBOARD MILLS

This industry comprises establishments primarily engaged in manufacturing paperboard from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paperboard they make.

322130 PAPERBOARD MILLS

This U.S. industry comprises establishments primarily engaged in manufacturing paperboard from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paperboard they make.

3222 CONVERTED PAPER PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in converting paper or paperboard without manufacturing paper or paperboard.

32221 PAPERBOARD CONTAINER MANUFACTURING

This industry comprises establishments primarily engaged in converting paperboard into containers without manufacturing paperboard. These establishments use corrugating, cutting, and shaping machinery to form paperboard into containers. Products made by these establishments include boxes; corrugated sheets, pads, and pallets; paper dishes; and fiber drums and reels.

322211 CORRUGATED AND SOLID FIBER BOX MANUFACTURING

This U.S. industry comprises establishments primarily engaged in laminating purchased paper or paperboard into corrugated or solid fiber boxes and related products, such as pads, partitions, pallets, and corrugated paper without manufacturing paperboard. These boxes are generally used for shipping.

322212 FOLDING PAPERBOARD BOX MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting paperboard (except corrugated) into folding paperboard boxes without manufacturing paper and paperboard.

322213 SETUP PAPERBOARD BOX MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting paperboard into setup paperboard boxes (i.e., rigid-sided boxes not shipped flat) without manufacturing paperboard.

322214 FIBER CAN, TUBE, DRUM, AND SIMILAR PRODUCTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting paperboard into fiber cans, tubes, drums, and similar products without manufacturing paperboard.

322215 NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting sanitary foodboard into food containers (except folding).

32222 PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING

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

1. cutting and coating paper and paperboard;
2. cutting and laminating paper and paperboard and other flexible materials (except plastics film to plastics film);
3. manufacturing bags or multiwall bags or sacks of paper, metal foil, coated paper, or laminates or coated combinations of paper and foil with plastics film;
4. manufacturing laminated aluminum and other converted metal foils from purchased foils; and
5. surface coating paper or paperboard.

322221 COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING

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

1. cutting and coating paper and

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2. cutting and laminating paper with other flexible materials (except plastics to plastics or foil to paper laminates).

The products made in this industry are made from purchased sheet materials and may be printed in the same establishment.

322222 COATED AND LAMINATED PAPER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in performing one or more of the following activities associated with making products designed for purposes other than packaging:

1. cutting and coating paper;
2. cutting and laminating paper and other flexible materials (except plastics film to plastics film); and
3. laminating aluminum and other metal foils for nonpackaging uses from purchased foils.

The products made in this industry are made from purchased sheet materials and may be printed in the same establishment.

322223 PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing bags of coated paper, of metal foil, or of laminated or coated combinations of plastics, foil, and paper, whether or not printed.

322224 UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing uncoated paper bags or multiwall bags and sacks.

322225 LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES

This U.S. industry comprises establishments primarily engaged in laminating aluminum and other metal foil into products with flexible packaging uses or gift wrap and other packaging wrap applications.

322226 SURFACE-COATED PAPERBOARD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in laminating, lining, or surface coating purchased paperboard to make other paperboard products.

32223 STATIONERY PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in converting paper or paperboard into products used for writing, filing, art work, and similar applications.

322231 DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting paper rollstock or paperboard into die-cut paper or paperboard office supplies. For the purpose of this industry, office supplies are defined as office products, such as filing folders, index cards, rolls for adding machines, file separators and dividers, tabulating cards, and other paper and paperboard office supplies.

322232 ENVELOPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing envelopes for mailing or stationery of any material including combinations.

322233 STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting paper and paperboard into products used for writing and similar applications (e.g., looseleaf fillers, notebooks, pads, stationery, and tablets).

32229 OTHER CONVERTED PAPER PRODUCT MANUFACTURING

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

1. converting paper and paperboard into products (except containers, bags, coated and treated paper and paperboard, and stationery products), or
2. converting pulp into pulp products, such as disposable diapers, or molded pulp egg cartons, food trays, and dishes.

Processes used include laminating or lining purchased paper or paperboard.

322291 SANITARY PAPER PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting purchased sanitary paper stock or wadding into sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, disposable diapers, sanitary napkins, and tampons.

322299 ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting paper or paperboard into products (except containers, bags, coated and treated paper, stationery products, and sanitary paper products) or converting pulp into pulp products, such as egg cartons, food trays, and other food containers from molded pulp.

323 PRINTING AND RELATED SUPPORT ACTIVITIES

Industries in the Printing and Related Support Activities subsector print products, such as newspapers, books, labels, business cards, stationery, business forms, and other materials, and perform support activities, such as data imaging, platemaking services, and bookbinding. The support activities included here are an integral part of the printing industry, and a product (a printing plate, a bound book, or a computer disk or file) that is an integral part of the printing industry is almost always provided by these operations.

Processes used in printing include a variety of methods used to transfer an image from a plate, screen, film, or computer file to some medium, such as paper, plastics, metal, textile articles, or wood. The most prominent of these methods is to transfer the image from a plate or screen to the medium (lithographic, gravure, screen, and flexographic printing). A rapidly growing new technology uses a computer file to directly “drive” the printing mechanism to create the image and new electrostatic and other types of equipment (digital or nonimpact printing).

In contrast to many other classification systems that locate publishing of printed materials in manufacturing, NAICS classifies the publishing of printed products in Subsector 511, Publishing Industries (except Internet). Though printing and publishing are often carried out by the same enterprise (a newspaper, for example), it is less and less the case that these distinct activities are carried out in the same establishment. When publishing and printing are done in the same establishment, the establishment is classified in Sector 51, Information, in the appropriate NAICS industry even if the receipts for printing exceed those for publishing.

This subsector includes printing on clothing because the production process for that activity is printing, not clothing manufacturing. For instance, the printing of T-shirts is included in this subsector. In contrast, printing on fabric (or grey goods) is not included. This activity is part of the process of finishing the fabric and is included in the NAICS Textile Mills subsector in Industry 31331, Textile and Fabric Finishing Mills.

3231 PRINTING AND RELATED SUPPORT ACTIVITIES

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

1. Printing on apparel and textile products, paper, metal, glass, plastics, and other materials, except fabric (grey goods) and/or
2. Performing prepress (e.g., platemaking, typesetting) and postpress services (e.g., book binding) in support of printing activities.

32311 PRINTING

This industry comprises establishments primarily engaged in printing on apparel and textile products, paper, metal, glass, plastics, and other materials, except fabric (grey goods). The printing processes employed include, but are not limited to, lithographic, gravure, screen, flexographic, digital, and letterpress. Establishments in this industry do not manufacture the stock that they print but may perform postprinting activities, such as folding, cutting, or laminating the materials they print, and mailing.

323110 COMMERCIAL LITHOGRAPHIC PRINTING

This U.S. industry comprises establishments primarily engaged in lithographic (i.e., offset) printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in lithographic printing on purchased stock materials, such as stationery, letterhead, invitations, labels, and similar items, on a job order basis.

323111 COMMERCIAL GRAVURE PRINTING

This U.S. industry comprises establishments primarily engaged in gravure printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in gravure printing on purchased stock materials, such as stationery, letterhead, invitations, labels, and similar items, on a job order basis.

323112 COMMERCIAL FLEXOGRAPHIC PRINTING

This U.S. industry comprises establishments primarily engaged in flexographic printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in flexographic printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis.

323113 COMMERCIAL SCREEN PRINTING

This U.S. industry comprises establishments primarily engaged in screen printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in screen printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis. Establishments primarily engaged in printing on apparel and textile products, such as T-shirts, caps, jackets, towels, and napkins, are included in this industry.

323114 QUICK PRINTING

This U.S. industry comprises establishments primarily engaged in traditional printing activities, such as short-run offset printing or prepress services, in combination with providing document photocopying service. Prepress services include receiving documents in electronic format and directly duplicating from the electronic file and formatting, colorizing, and otherwise modifying the original document to improve presentation. These establishments, known as quick printers, generally provide short-run printing and copying with fast turnaround times.

323115 DIGITAL PRINTING

This U.S. industry comprises establishments primarily engaged in printing graphical materials using digital printing equipment. Establishments known as digital printers typically provide sophisticated prepress services including using scanners to input images and computers to manipulate and format the graphic images prior to printing.

323116 MANIFOLD BUSINESS FORMS PRINTING

This U.S. industry comprises establishments primarily engaged in printing special forms, including checkbooks, for use in the operation of a business. The forms may be in single and multiple sets, including carbonized, interleaved with carbon, or otherwise processed for multiple reproduction.

323117 BOOKS PRINTING

This U.S. industry comprises establishments primarily engaged in printing or printing and binding books and pamphlets without publishing.

323118 BLANKBOOK, LOOSELEAF BINDERS, AND DEVICES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and binders. Establishments in this industry may print or print and bind.

323119 OTHER COMMERCIAL PRINTING

This U.S. industry comprises establishments primarily engaged in commercial printing (except lithographic, gravure, screen, or flexographic printing) without publishing (except books, grey goods, and manifold business forms). Printing processes included in this industry are letterpress printing and engraving printing. This industry includes establishments engaged in commercial printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis.

32312 SUPPORT ACTIVITIES FOR PRINTING

This industry comprises establishments primarily engaged in performing prepress (e.g., platemaking, typesetting) and postpress services (e.g., book binding) in support of printing activities.

323121 TRADEBINDING AND RELATED WORK

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

1. tradebinding;
2. sample mounting; and
3. postpress services (e.g., book or paper bronzing, die-cutting, edging, embossing, folding, gilding, gluing, indexing).

323122 PREPRESS SERVICES

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

1. prepress services, such as imagesetting or typesetting, for printers and
2. preparing film or plates for printing purposes.

324 PETROLEUM AND COAL PRODUCTS MANUFACTURING

The Petroleum and Coal Products Manufacturing subsector is based on the transformation of crude petroleum and coal into usable products. The dominant process is petroleum refining that involves the separation of crude petroleum into component products through such techniques as cracking and distillation.

In addition, this subsector includes establishments that primarily further process refined petroleum and coal products and produce products, such as asphalt coatings and petroleum lubricating oils. However, establishments that manufacture petrochemicals from refined petroleum are classified in Industry 32511, Petrochemical Manufacturing.

3241 PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

1. Petroleum refineries manufacturing;
2. Asphalt paving, roofing, and saturated materials manufacturing; and/or
3. Other petroleum and coal products manufacturing.

32411 PETROLEUM REFINERIES

This industry comprises establishments primarily engaged in refining crude petroleum into refined petroleum. Petroleum refining involves one or more of the following activities:

1. fractionation;
2. straight distillation of crude oil; and
3. cracking.

324110 PETROLEUM REFINERIES

This U.S. industry comprises establishments primarily engaged in refining crude petroleum into refined petroleum. Petroleum refining involves one or more of the following activities:

1. fractionation;
2. straight distillation of crude oil; and
3. cracking.

32412 ASPHALT PAVING, ROOFING, AND SATURATED MATERIALS MANUFACTURING

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

1. manufacturing asphalt and tar paving mixtures and blocks and roofing cements and coatings from purchased asphaltic materials and/or
2. saturating purchased mats and felts with asphalt or tar from purchased asphaltic materials.

324121 ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing asphalt and tar paving mixtures and blocks from purchased asphaltic materials.

324122 ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING

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

1. saturating purchased mats and felts with asphalt or tar from purchased asphaltic materials and
2. manufacturing asphalt and tar and roofing cements and coatings from purchased asphaltic materials.

32419 OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing petroleum products (except asphalt paving, roofing and saturated materials) from refined petroleum or coal products made in coke ovens not integrated with a steel mill.

324191 PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in blending or compounding refined petroleum to make lubricating oils and greases and/or re-refining used petroleum lubricating oils.

324199 ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing petroleum products (except asphalt paving, roofing, and saturated materials and lubricating oils and greases) from refined petroleum and coal products made in coke ovens not integrated with a steel mill.

325 CHEMICAL MANUFACTURING

The Chemical Manufacturing subsector is based on the transformation of organic and inorganic raw materials by a chemical process and the formulation of products. This subsector distinguishes the production of basic chemicals that comprise the first industry group from the production of intermediate and end products produced by further processing of basic chemicals that make up the remaining industry groups.

This subsector does not include all industries transforming raw materials by a chemical process. It is common for some chemical processing to occur during mining operations. These beneficiating operations, such as copper concentrating, are classified in Sector 21, Mining. Furthermore, the refining of crude petroleum is included in Subsector 324, Petroleum and Coal Products Manufacturing. In addition, the manufacturing of aluminum oxide is included in Subsector 331, Primary Metal Manufacturing; and beverage distilleries are classified in Subsector 312, Beverage and Tobacco Product Manufacturing. As in the case of these two activities, the grouping of industries into subsectors may take into account the association of the activities performed with other activities in the subsector.

3251 BASIC CHEMICAL MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing chemicals using basic processes, such as thermal cracking and distillation. Chemicals manufactured in this industry group are usually separate chemical elements or separate chemically-defined compounds.

32511 PETROCHEMICAL MANUFACTURING

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

1. manufacturing acyclic (i.e., aliphatic) hydrocarbons such as ethylene, propylene, and butylene made from refined petroleum or liquid hydrocarbon and/or
2. manufacturing cyclic aromatic hydrocarbons such as benzene, toluene, styrene, xylene, ethyl benzene, and cumene made from refined petroleum or liquid hydrocarbons.

325110 PETROCHEMICAL MANUFACTURING

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

1. manufacturing acyclic (i.e., aliphatic) hydrocarbons such as ethylene, propylene, and butylene made from refined petroleum or liquid hydrocarbon and/or
2. manufacturing cyclic aromatic hydrocarbons such as benzene, toluene, styrene, xylene, ethyl benzene, and cumene made from refined petroleum or liquid hydrocarbons.

32512 INDUSTRIAL GAS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing industrial organic and inorganic gases in compressed, liquid, and solid forms.

325120 INDUSTRIAL GAS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing industrial organic and inorganic gases in compressed, liquid, and solid forms.

32513 SYNTHETIC DYE AND PIGMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing synthetic organic and inorganic dyes and pigments, such as lakes and toners (except electrostatic and photographic).

325131 INORGANIC DYE AND PIGMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing inorganic dyes and pigments.

325132 SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing synthetic organic dyes and pigments, such as lakes and toners (except electrostatic and photographic).

32518 OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing basic inorganic chemicals (except industrial gases and synthetic dyes and pigments).

325181 ALKALIES AND CHLORINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing chlorine, sodium hydroxide (i.e., caustic soda), and other alkalies often using an electrolysis process.

325182 CARBON BLACK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing carbon black, bone black, and lamp black.

325188 ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing basic inorganic chemicals (except industrial gases, inorganic dyes and pigments, alkalies and chlorine, and carbon black).

32519 OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing basic organic chemicals (except petrochemicals, industrial gases, and synthetic dyes and pigments).

325191 GUM AND WOOD CHEMICAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in (1) distilling wood or gum into products, such as tall oil and wood distillates, and (2) manufacturing wood or gum chemicals, such as naval stores, natural tanning materials, charcoal briquettes, and charcoal (except activated).

325192 CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in (1) distilling coal tars and/or (2) manufacturing cyclic crudes or, cyclic intermediates (i.e., hydrocarbons, except aromatic petrochemicals) from refined petroleum or natural gas.

325193 ETHYL ALCOHOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonpotable ethyl alcohol.

325199 ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing basic organic chemical products (except aromatic petrochemicals, industrial gases, synthetic organic dyes and pigments, gum and wood chemicals, cyclic crudes and intermediates, and ethyl alcohol).

3252 RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING

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

1. Resin and synthetic rubber manufacturing and
2. Artificial and synthetic fibers and filaments manufacturing.

32521 RESIN AND SYNTHETIC RUBBER MANUFACTURING

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

1. manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers and mixing and blending resins on a custom basis;
2. manufacturing noncustomized synthetic resins; and
3. manufacturing synthetic rubber.

325211 PLASTICS MATERIAL AND RESIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in

1. manufacturing resins, plastics materials, and nonvulcanizable thermoplastic elastomers and mixing and blending resins on a custom basis and/or
2. manufacturing noncustomized synthetic resins.

325212 SYNTHETIC RUBBER MANUFACTURING

This U.S. industry consists of establishments primarily engaged in manufacturing synthetic rubber.

32522 ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING

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

1. manufacturing cellulosic (i.e., rayon and acetate) and noncellulosic (i.e., nylon, polyolefin, and polyester) fibers and filaments in the form of monofilament, filament yarn, staple, or tow or
2. manufacturing and texturing cellulosic and noncellulosic fibers and filaments.

325221 CELLULOSIC ORGANIC FIBER MANUFACTURING

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

1. manufacturing cellulosic (i.e., rayon and acetate) fibers and filaments in the form of monofilament, filament yarn, staple, or tow or
2. manufacturing and texturizing cellulosic fibers and filaments.

325222 NONCELLULOSIC ORGANIC FIBER MANUFACTURING

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

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1. manufacturing noncellulosic (i.e., nylon, polyolefin, and polyester) fibers and filaments in the form of monofilament, filament yarn, staple, or tow, or
 2. manufacturing and texturizing noncellulosic fibers and filaments.

3253 PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

This industry group includes establishments classified in one of the following:

1. Fertilizer manufacturing and/or
2. Pesticide and other agricultural chemical manufacturing.

32531 FERTILIZER MANUFACTURING

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

1. manufacturing nitrogenous or phosphatic fertilizer materials;
2. manufacturing fertilizers from sewage or animal waste;
3. manufacturing nitrogenous or phosphatic materials and mixing with other ingredients into fertilizers; and
4. mixing ingredients made elsewhere into fertilizers.

325311 NITROGENOUS FERTILIZER MANUFACTURING

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

1. manufacturing nitrogenous fertilizer materials and mixing ingredients into fertilizers;
2. manufacturing fertilizers from sewage or animal waste; and
3. manufacturing nitrogenous materials and mixing them into fertilizers.

325312 PHOSPHATIC FERTILIZER MANUFACTURING

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

1. manufacturing phosphatic fertilizer materials or
2. manufacturing phosphatic materials and mixing them into fertilizers.

325314 FERTILIZER (MIXING ONLY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in mixing ingredients made elsewhere into fertilizers.

32532 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

This industry comprises establishments primarily engaged in the formulation and preparation of agricultural and household pest control chemicals (except fertilizers).

325320 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in the formulation and preparation of agricultural and household pest control chemicals (except fertilizers).

3254 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

1. Manufacturing biological and medicinal products;
2. Processing (i.e., grading, grinding, and milling) botanical drugs and herbs;

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3. Isolating active medicinal principals from botanical drugs and herbs; and
 4. Manufacturing pharmaceutical products intended for internal and external consumption in such forms as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

32541 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

1. manufacturing biological and medicinal products;
2. processing (i.e., grading, grinding, and milling) botanical drugs and herbs;
3. isolating active medicinal principals from botanical drugs and herbs; and
4. manufacturing pharmaceutical products intended for internal and external consumption in such forms as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

325411 MEDICINAL AND BOTANICAL MANUFACTURING

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

1. manufacturing uncompounded medicinal chemicals and their derivatives (i.e., generally for use by pharmaceutical preparation manufacturers) and/or
2. grading, grinding, and milling uncompounded botanicals.

325412 PHARMACEUTICAL PREPARATION MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing in-vivo diagnostic substances and pharmaceutical preparations (except biological) intended for internal and external consumption in dose forms, such as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

325413 IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing in-vitro (i.e., not taken internally) diagnostic substances, such as chemical, biological, or radioactive substances. The substances are used for diagnostic tests that are performed in test tubes, petri dishes, machines, and other diagnostic test-type devices.

325414 BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing vaccines, toxoids, blood fractions, and culture media of plant or animal origin (except diagnostic).

3255 PAINT, COATING, AND ADHESIVE MANUFACTURING

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

1. Paint and coating manufacturing and/or
2. Adhesive manufacturing.

32551 PAINT AND COATING MANUFACTURING

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

1. mixing pigments, solvents, and binders into paints and other coatings, such as stains, varnishes, lacquers, enamels, shellacs, and water repellent coatings for concrete and masonry, and/or

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2. manufacturing allied paint products, such as putties, paint and varnish removers, paint brush cleaners, and frit.

325510 PAINT AND COATING MANUFACTURING

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

1. mixing pigments, solvents, and binders into paints and other coatings, such as stains, varnishes, lacquers, enamels, shellacs, and water repellent coatings for concrete and masonry and/or
2. manufacturing allied paint products, such as putties, paint and varnish removers, paint brush cleaners, and frit.

32552 ADHESIVE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing adhesives, glues, and caulking compounds.

325520 ADHESIVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing adhesives, glues, and caulking compounds.

3256 SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING

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

1. Soap and cleaning compound manufacturing and/or
2. Toilet preparation manufacturing.

32561 SOAP AND CLEANING COMPOUND MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and packaging soap and other cleaning compounds, surface active agents, and textile and leather finishing agents used to reduce tension or speed the drying process.

325611 SOAP AND OTHER DETERGENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and packaging soaps and other detergents, such as laundry detergents; dishwashing detergents; toothpaste gels and tooth powders; and natural glycerin.

325612 POLISH AND OTHER SANITATION GOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and packaging polishes and specialty cleaning preparations.

325613 SURFACE ACTIVE AGENT MANUFACTURING

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

1. manufacturing bulk surface active agents for use as wetting agents, emulsifiers, and penetrants, and/or
2. manufacturing textiles and leather finishing agents used to reduce tension or speed the drying process.

32562 TOILET PREPARATION MANUFACTURING

This industry comprises establishments primarily engaged in preparing, blending, compounding, and packaging toilet preparations, such as perfumes, shaving preparations, hair preparations, face creams, lotions (including sunscreens), and other cosmetic preparations.

325620 TOILET PREPARATION MANUFACTURING

This U.S. industry comprises establishments primarily engaged in preparing, blending, compounding, and packaging toilet preparations, such as perfumes, shaving preparations, hair preparations, face creams, lotions (including sunscreens), and other cosmetic preparations.

3259 OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals; resins, synthetic rubber, cellulosic and noncellulosic fibers and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings, and adhesives; soaps and cleaning compounds; and toilet preparations).

32591 PRINTING INK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing printing and inkjet inks and inkjet cartridges.

325910 PRINTING INK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing printing and inkjet inks and inkjet cartridges.

32592 EXPLOSIVES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing explosives.

325920 EXPLOSIVES MANUFACTURING

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

32599 ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals, resins, and synthetic rubber; cellulosic and noncellulosic fibers and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings, and adhesives; and soaps, cleaning compounds, and toilet preparations; printing inks; and explosives).

325991 CUSTOM COMPOUNDING OF PURCHASED RESINS

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

1. custom mixing and blending plastics resins made elsewhere or
2. reformulating plastics resins from recycled plastics products.

325992 PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sensitized film, sensitized paper, sensitized cloth, sensitized plates, toners (i.e., for photocopiers, laser printers, and similar electrostatic printing devices), toner cartridges, and photographic chemicals.

325998 ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals, resins, synthetic rubber; cellulosic and noncellulosic fiber and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings and adhesives; soap, cleaning compounds, and toilet preparations; printing inks; explosives; custom compounding of purchased resins; and photographic films, papers, plates, and chemicals).

326 PLASTICS AND RUBBER PRODUCTS MANUFACTURING

Industries in the Plastics and Rubber Products Manufacturing subsector make goods by processing plastics materials and raw rubber. The core technology employed by establishments in this subsector is that of plastics or rubber product production. Plastics and rubber are combined in the same subsector because plastics are increasingly being used as a substitute for rubber; however the subsector is generally restricted to the production of products made of just one material, either solely plastics or rubber.

Many manufacturing activities use plastics or rubber, for example the manufacture of footwear, or furniture. Typically, the production process of these products involves more than one material. In these cases, technologies that allow disparate materials to be formed and combined are of central importance in describing the manufacturing activity. In NAICS, such activities (the footwear and furniture manufacturing) are not classified in the Plastics and Rubber Products Manufacturing subsector because the core technologies for these activities are diverse and involve multiple materials.

Within the Plastics and Rubber Products Manufacturing subsector, a distinction is made between plastics and rubber products at the industry group level, although it is not a rigid distinction, as can be seen from the definition of Industry 32622, Rubber and Plastics Hoses and Belting Manufacturing. As materials technology progresses, plastics are increasingly being used as a substitute for rubber; and eventually, the distinction may disappear as a basis for establishment classification.

In keeping with the core technology focus of plastics, lamination of plastics film to plastics film as well as the production of bags from plastics only is classified in this subsector. Lamination and bag production involving plastics and materials other than plastics are classified in the NAICS Subsector 322, Paper Manufacturing.

3261 PLASTICS PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in processing new or spent (i.e., recycled) plastics resins into intermediate or final products, using such processes as compression molding; extrusion molding; injection molding; blow molding; and casting. Within most of these industries, the production process is such that a wide variety of products can be made.

32611 PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING

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

1. converting plastics resins into unsupported plastics film and sheet and/or
2. forming, coating or laminating plastics film and sheet into plastics bags.

326111 PLASTICS BAG MANUFACTURING

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

1. converting plastics resins into plastics bags or

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2. forming, coating, or laminating plastics film and sheet into single wall or multiwall plastics bags.

Establishments in this industry may print on the bags they manufacture.

326112 PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting plastics resins into plastics packaging (flexible) film and packaging sheet.

326113 UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting plastics resins into plastics film and un laminated sheet (except packaging).

32612 PLASTICS PIPE, PIPE FITTING, AND UNLAMINATED PROFILE SHAPE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics pipes and pipe fittings, and plastics profile shapes such as rod, tube, and sausage casings.

326121 UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting plastics resins into nonrigid plastics profile shapes (except film, sheet, and bags), such as rod, tube, and sausage casings.

326122 PLASTICS PIPE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in converting plastics resins into rigid plastics pipes and pipe fittings.

32613 LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING

This industry comprises establishments primarily engaged in laminating plastics profile shapes such as plate, sheet (except packaging), and rod. The lamination process generally involves bonding or impregnating profiles with plastics resins and compressing them under heat.

326130 LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in laminating plastics profile shapes such as plate, sheet (except packaging), and rod. The lamination process generally involves bonding or impregnating profiles with plastics resins and compressing them under heat.

32614 POLYSTYRENE FOAM PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing polystyrene foam products.

326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing polystyrene foam products.

32615 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

32616 PLASTICS BOTTLE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics bottles.

326160 PLASTICS BOTTLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics bottles.

32619 OTHER PLASTICS PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing resilient floor covering and other plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, and bottles).

326191 PLASTICS PLUMBING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics or fiberglass plumbing fixtures. Examples of products made by these establishments are plastics or fiberglass bathtubs, hot tubs, portable toilets, and shower stalls.

326192 RESILIENT FLOOR COVERING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing resilient floor coverings for permanent installation.

326199 ALL OTHER PLASTICS PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, bottles, plumbing fixtures, and resilient floor coverings).

3262 RUBBER PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in processing natural, and synthetic or reclaimed rubber materials into intermediate or final products using processes such as vulcanizing, cementing, molding, extruding, and lathe-cutting.

32621 TIRE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber and retreading or rebuilding tires.

326211 TIRE MANUFACTURING (EXCEPT RETREADING)

This U.S. industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber.

326212 TIRE RETREADING

This U.S. industry comprises establishments primarily engaged in retreading or rebuilding tires.

32622 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

326220 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

32629 OTHER RUBBER PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing rubber products (except tires, hoses, and belting) from natural and synthetic rubber.

326291 RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE

This U.S. industry comprises establishments primarily engaged in molding, extruding, or lathe-cutting rubber to manufacture rubber goods (except tubing) for mechanical applications. Products of this industry are generally parts for motor vehicles, machinery, and equipment.

326299 ALL OTHER RUBBER PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rubber products (except tires; hoses and belting; and molded, extruded, and lathe-cut rubber goods for mechanical applications) from natural and synthetic rubber.

327 NONMETALLIC MINERAL PRODUCT MANUFACTURING

The Nonmetallic Mineral Product Manufacturing subsector transforms mined or quarried nonmetallic minerals, such as sand, gravel, stone, clay, and refractory materials, into products for intermediate or final consumption. Processes used include grinding, mixing, cutting, shaping, and honing. Heat often is used in the process and chemicals are frequently mixed to change the composition, purity, and chemical properties for the intended product. For example, glass is produced by heating silica sand to the melting point (sometimes combined with cullet or recycled glass) and then drawn, floated, or blow molded to the desired shape or thickness. Refractory materials are heated and then formed into bricks or other shapes for use in industrial applications. The Nonmetallic Mineral Product Manufacturing subsector includes establishments that manufacture products, such as bricks, refractories, ceramic products, and glass and glass products, such as plate glass and containers. Also included are cement and concrete products, lime, gypsum and other nonmetallic mineral products including abrasive products, ceramic plumbing fixtures, statuary, cut stone products, and mineral wool. The products are used in a wide range of activities from construction and heavy and light manufacturing to articles for personal use.

Mining, beneficiating, and manufacturing activities often occur in a single location. Separate receipts will be collected for these activities whenever possible. When receipts cannot be broken out between mining and manufacturing, establishments that mine or quarry nonmetallic minerals, beneficiate the nonmetallic minerals and further process the nonmetallic minerals into a more finished manufactured product are classified based on the primary activity of the establishment. A mine that manufactures a small amount of finished products will be classified in Sector 21, Mining. An establishment that mines whose primary output is a more-finished manufactured product will be classified in the Manufacturing Sector.

Excluded from the Nonmetallic Mineral Product Manufacturing subsector are establishments that primarily beneficiate mined nonmetallic minerals. Beneficiation is the process whereby the extracted material is reduced to particles that can be separated into mineral and waste, the former suitable for further processing or direct use. Beneficiation establishments are included in Sector 21, Mining.

3271 CLAY PRODUCT AND REFRACTORY MANUFACTURING

This industry group comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials and/or shaping, molding, baking, burning, or hardening clay refractories, non-clay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

32711 POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING

This industry comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials.

327111 VITREOUS CHINA PLUMBING FIXTURE AND CHINA AND EARTHENWARE BATHROOM ACCESSORIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing vitreous china plumbing fixtures and china and earthenware bathroom accessories, such as faucet handles, towel bars, and soap dishes.

327112 VITREOUS CHINA, FINE EARTHENWARE, AND OTHER POTTERY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing table and kitchen articles, art and ornamental items, and similar vitreous china, fine earthenware, stoneware, coarse earthenware, and pottery products.

327113 PORCELAIN ELECTRICAL SUPPLY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, ferrite or ceramic magnets, and electronic and electrical supplies from nonmetallic minerals, such as clay and ceramic materials.

32712 CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING

This industry comprises establishments primarily engaged in shaping, molding, baking, burning, or hardening clay refractories, nonclay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

327121 BRICK AND STRUCTURAL CLAY TILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing brick and structural clay tiles.

327122 CERAMIC WALL AND FLOOR TILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ceramic wall and floor tiles.

327123 OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing clay sewer pipe, drain tile, flue lining tile, architectural terra-cotta, and other structural clay products.

327124 CLAY REFRACTORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing clay refractory, mortar, brick, block, tile, and fabricated clay refractories, such as melting pots. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

327125 NONCLAY REFRACTORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonclay refractory, mortar, brick, block, tile, and fabricated nonclay refractories such as graphite, magnesite, silica, or alumina crucibles. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

3272 GLASS AND GLASS PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

32721 GLASS AND GLASS PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

327211 FLAT GLASS MANUFACTURING

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

1. manufacturing flat glass by melting silica sand or cullet; or
2. manufacturing both flat glass and laminated glass by melting silica sand or cullet.

327212 OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing glass by melting silica sand or cullet and making pressed, blown, or shaped glass or glassware (except glass packaging containers).

327213 GLASS CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing glass packaging containers.

327215 GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS

This U.S. industry comprises establishments primarily engaged in coating, laminating, tempering, or shaping purchased glass.

3273 CEMENT AND CONCRETE PRODUCT MANUFACTURING

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

1. Cement manufacturing;
2. Ready-mix concrete manufacturing;
3. Concrete pipe, brick, and block manufacturing; and/or
4. Other concrete product manufacturing.

32731 CEMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

327310 CEMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

32732 READY-MIX CONCRETE MANUFACTURING

This industry comprises establishments, such as batch plants or mix plants, primarily engaged in manufacturing concrete delivered to a purchaser in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

327320 READY-MIX CONCRETE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete delivered to a purchaser, such as batch plants or mix plants, in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

32733 CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete pipe, brick, and block.

327331 CONCRETE BLOCK AND BRICK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete block and brick.

327332 CONCRETE PIPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete pipe.

32739 OTHER CONCRETE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

327390 OTHER CONCRETE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

3274 LIME AND GYPSUM PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells and/or gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work.

32741 LIME MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

327410 LIME MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

32742 GYPSUM PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

327420 GYPSUM PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

3279 OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except clay products, refractory products, glass products, cement and concrete products, lime, and gypsum products).

32791 ABRASIVE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

327910 ABRASIVE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

32799 ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; and abrasive products).

327991 CUT STONE AND STONE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, shaping, and finishing granite, marble, limestone, slate, and other stone for building and miscellaneous uses. Stone product manufacturing establishments may mine, quarry, or purchase stone.

327992 GROUND OR TREATED MINERAL AND EARTH MANUFACTURING

This U.S. industry comprises establishments primarily engaged in calcining, dead burning, or otherwise processing beyond beneficiation, clays, ceramic and refractory minerals, barite, and miscellaneous nonmetallic minerals.

327993 MINERAL WOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mineral wool and mineral wool (i.e., fiberglass) insulation products made of such siliceous materials as rock, slag, and glass or combinations thereof.

327999 ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; abrasive products; cut stone and stone products; ground and treated minerals and earth; and mineral wool).

331 PRIMARY METAL MANUFACTURING

Industries in the Primary Metal Manufacturing subsector smelt and/or refine ferrous and nonferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgical techniques. Establishments in this subsector also manufacture metal alloys and superalloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing, and extruding operations to make sheet, strip, bar, rod, or wire, and in molten form to make castings and other basic metal products.

Primary manufacturing of ferrous and nonferrous metals begins with ore or concentrate as the primary input. Establishments manufacturing primary metals from ore and/or concentrate remain classified in the primary smelting, primary refining, or iron and steel mill industries regardless of the form of their output. Establishments primarily engaged in secondary smelting and/or secondary refining recover ferrous and nonferrous metals from scrap and/or dross. The output of the secondary smelting and/or secondary refining industries is limited to shapes, such as ingot or billet, that will be further processed. Recovery of metals from scrap often occurs in establishments that are primarily engaged in activities, such as rolling, drawing, extruding, or similar processes.

Excluded from the Primary Metal Manufacturing subsector are establishments primarily engaged in manufacturing ferrous and nonferrous forgings (except ferrous forgings made in steel mills) and stampings. Although forging, stamping, and casting are all methods used to make metal shapes, forging and stamping do not use molten metals and are included in Subsector 332, Fabricated Metal Product Manufacturing. Establishments primarily engaged in operating coke ovens are classified in Industry 32419, Other Petroleum and Coal Products Manufacturing.

3311 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

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

1. Direct reduction of iron ore;
2. Manufacturing pig iron in molten or solid form;
3. Converting pig iron into steel;
4. Manufacturing ferroalloys;
5. Making steel;
6. Making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. Making steel and forming pipe and tube.

33111 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

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

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

331111 IRON AND STEEL MILLS

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

1. direct reduction of iron ore;

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

331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING

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

3312 STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL

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

33121 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

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

331210 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

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

33122 ROLLING AND DRAWING OF PURCHASED STEEL

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

331221 ROLLED STEEL SHAPE MANUFACTURING

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

331222 STEEL WIRE DRAWING

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

3313 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

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

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

33131 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

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

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

331311 ALUMINA REFINING

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

331312 PRIMARY ALUMINUM PRODUCTION

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

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

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

331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM

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

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

331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING

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

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

331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING

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

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

331319 OTHER ALUMINUM ROLLING AND DRAWING

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

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

3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING

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

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

33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING

This industry comprises establishments primarily engaged in:

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

331411 PRIMARY SMELTING AND REFINING OF COPPER

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

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

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

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

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

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

33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING

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

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

331421 COPPER ROLLING, DRAWING, AND EXTRUDING

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

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

331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING

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

331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER

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

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

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

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

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

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

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

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

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

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

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

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

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

3315 FOUNDRIES

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

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

33151 FERROUS METAL FOUNDRIES

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

331511 IRON FOUNDRIES

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

331512 STEEL INVESTMENT FOUNDRIES

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

331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)

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

33152 NONFERROUS METAL FOUNDRIES

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

331521 ALUMINUM DIE-CASTING FOUNDRIES

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

331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES

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

331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)

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

331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)

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

331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)

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

332 FABRICATED METAL PRODUCT MANUFACTURING

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

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

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

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

3321 FORGING AND STAMPING

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

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

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

33211 FORGING AND STAMPING

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

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

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

332111 IRON AND STEEL FORGING

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

332112 NONFERROUS FORGING

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

332114 CUSTOM ROLL FORMING

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

332115 CROWN AND CLOSURE MANUFACTURING

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

332116 METAL STAMPING

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

332117 POWDER METALLURGY PART MANUFACTURING

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

3322 CUTLERY AND HANDTOOL MANUFACTURING

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

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

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

33221 CUTLERY AND HANDTOOL MANUFACTURING

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

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

332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING

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

332212 HAND AND EDGE TOOL MANUFACTURING

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

332213 SAW BLADE AND HANDSAW MANUFACTURING

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

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

332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING

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

3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING

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

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

33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING

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

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

332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING

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

332312 FABRICATED STRUCTURAL METAL MANUFACTURING

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

332313 PLATE WORK MANUFACTURING

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

33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING

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

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

332321 METAL WINDOW AND DOOR MANUFACTURING

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

332322 SHEET METAL WORK MANUFACTURING

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

332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING

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

3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING

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

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

33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

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

332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

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

33242 METAL TANK (HEAVY GAUGE) MANUFACTURING

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

332420 METAL TANK (HEAVY GAUGE) MANUFACTURING

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

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

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

332431 METAL CAN MANUFACTURING

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

332439 OTHER METAL CONTAINER MANUFACTURING

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

3325 HARDWARE MANUFACTURING

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

33251 HARDWARE MANUFACTURING

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

332510 HARDWARE MANUFACTURING

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

3326 SPRING AND WIRE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in:

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

33261 SPRING AND WIRE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in:

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

332611 SPRING (HEAVY GAUGE) MANUFACTURING

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

332612 SPRING (LIGHT GAUGE) MANUFACTURING

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

332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING

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

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

This industry group comprises establishments primarily engaged in:

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

33271 MACHINE SHOPS

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

332710 MACHINE SHOPS

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

33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING

This industry comprises establishments primarily engaged in:

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

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

332721 PRECISION TURNED PRODUCT MANUFACTURING

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

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

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

3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

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

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

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

33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

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

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

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

332811 METAL HEAT TREATING

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

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

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

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

332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

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

3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING

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

33291 METAL VALVE MANUFACTURING

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

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

332911 INDUSTRIAL VALVE MANUFACTURING

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

332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING

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

332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING

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

332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

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

33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING

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

332991 BALL AND ROLLER BEARING MANUFACTURING

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

332992 SMALL ARMS AMMUNITION MANUFACTURING

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

332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING

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

332994 SMALL ARMS MANUFACTURING

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

332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING

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

332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING

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

332997 INDUSTRIAL PATTERN MANUFACTURING

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

332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

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

332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

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

333 MACHINERY MANUFACTURING

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

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

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

3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING

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

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

33311 AGRICULTURAL IMPLEMENT MANUFACTURING

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

333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING

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

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

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

33312 CONSTRUCTION MACHINERY MANUFACTURING

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

333120 CONSTRUCTION MACHINERY MANUFACTURING

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

33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING

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

333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING

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

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

333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING

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

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

3332 INDUSTRIAL MACHINERY MANUFACTURING

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

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

33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

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

333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

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

33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

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

333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

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

33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING

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

333291 PAPER INDUSTRY MACHINERY MANUFACTURING

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

333292 TEXTILE MACHINERY MANUFACTURING

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

333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING

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

333294 FOOD PRODUCT MACHINERY MANUFACTURING

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

333295 SEMICONDUCTOR MACHINERY MANUFACTURING

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

333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

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

3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

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

33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

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

333311 AUTOMATIC VENDING MACHINE MANUFACTURING

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

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

333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING

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

333313 OFFICE MACHINERY MANUFACTURING

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

333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING

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

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

333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING

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

333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

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

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

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

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

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

333411 AIR PURIFICATION EQUIPMENT MANUFACTURING

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

333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING

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

333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

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

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

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

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

3335 METALWORKING MACHINERY MANUFACTURING

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

33351 METALWORKING MACHINERY MANUFACTURING

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

333511 INDUSTRIAL MOLD MANUFACTURING

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

333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING

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

333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING

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

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

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

333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING

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

333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING

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

333518 OTHER METALWORKING MACHINERY MANUFACTURING

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

3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

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

33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

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

333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING

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

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

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

333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING

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

333618 OTHER ENGINE EQUIPMENT MANUFACTURING

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

3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

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

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

33391 PUMP AND COMPRESSOR MANUFACTURING

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

333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING

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

333912 AIR AND GAS COMPRESSOR MANUFACTURING

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

333913 MEASURING AND DISPENSING PUMP MANUFACTURING

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

33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING

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

333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING

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

333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING

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

333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

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

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

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

33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

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

333991 POWER-DRIVEN HANDTOOL MANUFACTURING

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

333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING

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

333993 PACKAGING MACHINERY MANUFACTURING

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

333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING

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

333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING

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

333996 FLUID POWER PUMP AND MOTOR MANUFACTURING

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

333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING

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

333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING

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

334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING

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

3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

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

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

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

33411 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

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

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4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

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

334111 ELECTRONIC COMPUTER MANUFACTURING

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

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

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

334112 COMPUTER STORAGE DEVICE MANUFACTURING

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

334113 COMPUTER TERMINAL MANUFACTURING

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

334119 OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING

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

3342 COMMUNICATIONS EQUIPMENT MANUFACTURING

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

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

33421 TELEPHONE APPARATUS MANUFACTURING

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

334210 TELEPHONE APPARATUS MANUFACTURING

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

33422 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING

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

334220 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING

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

33429 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

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

334290 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

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

3343 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

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

33431 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

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

334310 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

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

3344 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING

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

33441 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

334411 ELECTRON TUBE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electron tubes and parts (except glass blanks). Examples of products made by these establishments are cathode ray tubes (i.e., picture tubes), klystron tubes, magnetron tubes, and traveling wave tubes.

334412 BARE PRINTED CIRCUIT BOARD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing bare (i.e., rigid or flexible) printed circuit boards without mounted electronic components. These establishments print, perforate, plate, screen, etch, or photoprint interconnecting pathways for electric current on laminates.

334413 SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing semiconductors and related solid state devices. Examples of products made by these establishments are integrated circuits, memory chips, microprocessors, diodes, transistors, solar cells and other optoelectronic devices.

334414 ELECTRONIC CAPACITOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic fixed and variable capacitors and condensers.

334415 ELECTRONIC RESISTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic resistors, such as fixed and variable resistors, resistor networks, thermistors, and varistors.

334416 ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic inductors, such as coils and transformers.

334417 ELECTRONIC CONNECTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic connectors, such as coaxial; cylindrical; rack and panel; pin and sleeve; printed circuit; and fiber optic.

334418 PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in loading components onto printed circuit boards or who manufacture and ship loaded printed circuit boards. Also known as printed circuit assemblies, electronics assemblies, or modules, these products are printed circuit boards that have some or all of the semiconductor and electronic components inserted or mounted and are inputs to a wide variety of electronic systems and devices.

334419 OTHER ELECTRONIC COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic components (except electron tubes; bare printed circuit boards; semiconductors and related devices; electronic capacitors; electronic resistors; coils, transformers, and other inductors; connectors; and loaded printed circuit boards).

3345 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

33451 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

334510 ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus, such as magnetic resonance imaging equipment, medical ultrasound equipment, pacemakers, hearing aids, electrocardiographs, and electromedical endoscopic equipment.

334511 SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Examples of products made by these establishments are aircraft instruments (except engine), flight recorders, navigational instruments and systems, radar systems and equipment, and sonar systems and equipment.

334512 AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE

This U.S. industry comprises establishments primarily engaged in manufacturing automatic controls and regulators for applications, such as heating, air-conditioning, refrigeration, and appliances.

334513 INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and related devices for measuring, displaying, indicating, recording, transmitting, and controlling industrial process variables. These instruments measure, display, or control (i.e., monitor and analyze) industrial process variables, such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration, and rotation.

334514 TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing totalizing (i.e., registering) fluid meters and counting devices. Examples of products made by these establishments are gas consumption meters, water consumption meters, parking meters, taxi meters, motor vehicle gauges, and fare collection equipment.

334515 INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS

This U.S. industry comprises establishments primarily engaged in manufacturing instruments for measuring and testing the characteristics of electricity and electrical signals. Examples of products made by these establishments are circuit and continuity testers, volt meters, ohm meters, wattmeters, multimeters, and semiconductor test equipment.

334516 ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and instrumentation systems for laboratory analysis of the chemical or physical composition or concentration of samples of solid, fluid, gaseous, or composite material.

334517 IRRADIATION APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing irradiation apparatus and tubes for applications, such as medical diagnostic, medical therapeutic, industrial, and research and scientific evaluation. Irradiation can take the form of beta-rays, gamma-rays, X-rays, or other ionizing radiation.

334518 WATCH, CLOCK, AND PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling: clocks; watches; timing mechanisms for clockwork operated devices; time clocks; time and date recording devices; and clock and watch parts (except crystals), such as springs, jewels, and modules.

334519 OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and controlling devices (except search, detection, navigation, guidance, aeronautical, and nautical instruments and systems; automatic environmental controls for residential, commercial, and appliance use; instruments for measurement, display, and control of industrial process variables; totalizing fluid meters and counting devices; instruments for measuring and testing electricity and electrical signals; analytical laboratory instruments; watches, clocks, and parts; irradiation equipment; and electromedical and electrotherapeutic apparatus).

3346 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA

This industry group comprises establishments primarily engaged in:

1. Manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or
2. Mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

33461 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA

This industry comprises establishments primarily engaged in:

1. manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or;
2. mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

334611 SOFTWARE REPRODUCING

This U.S. industry comprises establishments primarily engaged in mass reproducing computer software. These establishments do not generally develop any software, they mass reproduce data and programs on magnetic media, such as diskettes, tapes, or cartridges. Establishments in this industry mass reproduce products, such as CD-ROMs and game cartridges.

334612 PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING

This U.S. industry comprises establishments primarily engaged in mass reproducing audio and video material on magnetic or optical media. Examples of products mass reproduced by these establishments are audio compact discs, prerecorded audio and video cassettes, and laser discs.

334613 MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing magnetic and optical recording media, such as blank magnetic tape, blank diskettes, blank optical discs, hard drive media, and blank magnetic tape cassettes.

335 ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING

Industries in the Electrical Equipment, Appliance, and Component Manufacturing subsector manufacture products that generate, distribute and use electrical power. Electric Lighting Equipment Manufacturing establishments produce electric lamp bulbs, lighting fixtures, and parts. Household

Appliance Manufacturing establishments make both small and major electrical appliances and parts. Electrical Equipment Manufacturing establishments make goods, such as electric motors, generators, transformers, and switchgear apparatus. Other Electrical Equipment and Component Manufacturing establishments make devices for storing electrical power (e.g., batteries), for transmitting electricity (e.g., insulated wire), and wiring devices (e.g., electrical outlets, fuse boxes, and light switches).

3351 ELECTRIC LIGHTING EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Electric lamp bulb and part manufacturing and/or
2. Lighting fixture manufacturing.

33511 ELECTRIC LAMP BULB AND PART MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

335110 ELECTRIC LAMP BULB AND PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

33512 LIGHTING FIXTURE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except vehicular), nonelectric lighting equipment, lamp shades (except glass and plastics), and lighting fixture components (except current-carrying wiring devices).

335121 RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fixed or portable residential electric lighting fixtures and lamp shades of metal, paper, or textiles. Residential electric lighting fixtures include those for use both inside and outside the residence.

335122 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures.

335129 OTHER LIGHTING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except residential, commercial, industrial, institutional, and vehicular) and nonelectric lighting equipment.

3352 HOUSEHOLD APPLIANCE MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Small electrical appliance manufacturing and/or
2. Major appliance manufacturing.

33521 SMALL ELECTRICAL APPLIANCE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares, household-type fans, household-type vacuum cleaners, and other electric household-type floor care machines.

335211 ELECTRIC HOUSEWARES AND HOUSEHOLD FAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares for heating, cooking, and other purposes, and electric household-type fans (except attic fans).

335212 HOUSEHOLD VACUUM CLEANER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric vacuum cleaners, electric floor waxing machines, and other electric floor care machines typically for household use.

33522 MAJOR APPLIANCE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and nonelectrical major household-type appliances, such as dishwashers, water heaters, and garbage disposal units.

335221 HOUSEHOLD COOKING APPLIANCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type electric and nonelectric cooking equipment (except small electric appliances and electric housewares).

335222 HOUSEHOLD REFRIGERATOR AND HOME FREEZER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type refrigerators and upright and chest freezers.

335224 HOUSEHOLD LAUNDRY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type laundry equipment.

335228 OTHER MAJOR HOUSEHOLD APPLIANCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric and non-electric major household-type appliances (except cooking equipment, refrigerators, upright and chest freezers, and household-type laundry equipment).

3353 ELECTRICAL EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

33531 ELECTRICAL EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

335311 POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers (except electronic components). Industrial-type and consumer-type transformers in this industry vary (e.g., step up or step down) voltage but do not convert alternating to direct or direct to alternating current.

335312 MOTOR AND GENERATOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric motors (except internal combustion engine starting motors), power generators (except battery charging alternators for internal combustion engines), and motor generator sets (except turbine generator set units). This industry includes establishments rewinding armatures on a factory basis.

335313 SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing switchgear and switchboard apparatus.

335314 RELAY AND INDUSTRIAL CONTROL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing relays, motor starters and controllers, and other industrial controls and control accessories.

3359 OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing electrical equipment and components (except electric lighting equipment, household-type appliances, transformers, switchgear, relays, motors, and generators).

33591 BATTERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing primary and storage batteries.

335911 STORAGE BATTERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing storage batteries.

335912 PRIMARY BATTERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wet or dry primary batteries.

33592 COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING

This industry comprises establishments insulating fiber-optic cable, and manufacturing insulated nonferrous wire and cable from nonferrous wire drawn in other establishments.

335921 FIBER OPTIC CABLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing insulated fiber-optic cable from purchased fiber-optic strand.

335929 OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing insulated wire and cable of nonferrous metals from purchased wire.

33593 WIRING DEVICE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices and noncurrent-carrying wiring devices for wiring electrical circuits.

335931 CURRENT-CARRYING WIRING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices.

335932 NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing noncurrent-carrying wiring devices.

33599 ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electrical equipment (except electric lighting equipment, household-type appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, and wiring devices).

335991 CARBON AND GRAPHITE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; carbon and graphite fibers; and other carbon, graphite, and metal-graphite products.

335999 ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial and commercial electric apparatus and other equipment (except lighting equipment, household appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, wiring devices, and carbon and graphite products). This industry includes power converters (i.e., AC to DC and DC to AC), power supplies, surge suppressors, and similar equipment for industrial-type and consumer-type equipment.

336 TRANSPORTATION EQUIPMENT MANUFACTURING

Industries in the Transportation Equipment Manufacturing subsector produce equipment for transporting people and goods. Transportation equipment is a type of machinery. An entire subsector is devoted to this activity because of the significance of its economic size in all three North American countries.

Establishments in this subsector utilize production processes similar to those of other machinery manufacturing establishments - bending, forming, welding, machining, and assembling metal or plastic parts into components and finished products. However, the assembly of components and subassemblies and their further assembly into finished vehicles tends to be a more common production process in this subsector than in the Machinery Manufacturing subsector.

NAICS has industry groups for the manufacture of equipment for each mode of transport - road, rail, air and water. Parts for motor vehicles warrant a separate industry group because of their importance and because parts manufacture requires less assembly, and the establishments that manufacture only parts are not as vertically integrated as those that make complete vehicles.

Land use motor vehicle equipment not designed for highway operation (e.g., agricultural equipment, construction equipment, and materials handling equipment) is classified in the appropriate NAICS subsector based on the type and use of the equipment.

3361 MOTOR VEHICLE MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Automobile and light duty motor vehicle manufacturing and/or
2. Heavy duty truck manufacturing.

33611 AUTOMOBILE AND LIGHT DUTY MOTOR VEHICLE MANUFACTURING

This industry comprises establishments primarily engaged in:

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1. manufacturing complete automobile and light duty motor vehicles (i.e., body and chassis or unibody) or
 2. manufacturing chassis only.

336111 AUTOMOBILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete automobiles (i.e., body and chassis or unibody) or
2. manufacturing automobile chassis only.

336112 LIGHT TRUCK AND UTILITY VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete light trucks and utility vehicles (i.e., body and chassis) or
2. manufacturing light truck and utility vehicle chassis only.

Vehicles made include light duty vans, pick-up trucks, minivans, and sport utility vehicles.

33612 HEAVY DUTY TRUCK MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

336120 HEAVY DUTY TRUCK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

3362 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Manufacturing motor vehicle bodies and cabs or
2. Manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

33621 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing motor vehicle bodies and cabs or
2. manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

336211 MOTOR VEHICLE BODY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing truck and bus bodies and cabs and automobile bodies. The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

336212 TRUCK TRAILER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing truck trailers, truck trailer chassis, cargo container chassis, detachable trailer bodies, and detachable trailer chassis for sale separately.

336213 MOTOR HOME MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in:

1. manufacturing motor homes on purchased chassis and/or
2. manufacturing conversion vans on an assembly line basis.

Motor homes are units where the motor and the living quarters are integrated in the same unit.

336214 TRAVEL TRAILER AND CAMPER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing travel trailers and campers designed to attach to motor vehicles;
2. manufacturing pickup coaches (i.e., campers) and caps (i.e., covers) for mounting on pickup trucks; and
3. manufacturing automobile, utility, and light-truck trailers.

Travel trailers do not have their own motor but are designed to be towed by a motor unit, such as an automobile or a light truck.

3363 MOTOR VEHICLE PARTS MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Motor vehicle gasoline engine and engine parts manufacturing;
2. Motor vehicle electrical and electronic equipment manufacturing;
3. Motor vehicle steering and suspension components (except spring) manufacturing;
4. Motor vehicle brake system manufacturing;
5. Motor vehicle transmission and power train parts manufacturing;
6. Motor vehicle seating and interior trim manufacturing;
7. Motor vehicle metal stamping; and/or
8. Other motor vehicle parts manufacturing.

33631 MOTOR VEHICLE GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle gasoline engines, and engine parts, whether or not for vehicular use.

336311 CARBURETOR, PISTON, PISTON RING, AND VALVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding carburetors, pistons, piston rings, and engine intake and exhaust valves.

336312 GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding gasoline motor vehicle engines and gasoline motor vehicle engine parts, excluding carburetors, pistons, piston rings, and valves.

33632 MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing vehicular lighting and/or
2. manufacturing and/or rebuilding motor vehicle electrical and electronic equipment.

The products made can be used for all types of transportation equipment (i.e., aircraft, automobiles, trains, and ships).

336321 VEHICULAR LIGHTING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing vehicular lighting fixtures.

336322 OTHER MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding electrical and electronic equipment for motor vehicles and internal combustion engines.

33633 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

336330 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

33634 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

336340 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

33635 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

336350 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

33636 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

336360 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

33637 MOTOR VEHICLE METAL STAMPING

This industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

336370 MOTOR VEHICLE METAL STAMPING

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

33639 OTHER MOTOR VEHICLE PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, and motor vehicle stampings).

336391 MOTOR VEHICLE AIR-CONDITIONING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing air-conditioning systems and compressors for motor vehicles, such as automobiles, trucks, buses, aircraft, farm machinery, construction machinery, and other related vehicles.

336399 ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, motor vehicle stampings, and motor vehicle air-conditioning systems and compressors).

3364 AEROSPACE PRODUCT AND PARTS MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing complete aircraft, missiles, or space vehicles;
2. Manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. Developing and making prototypes of aerospace products;
4. Aircraft conversion (i.e., major modifications to systems); and
5. Complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

33641 AEROSPACE PRODUCT AND PARTS MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing complete aircraft, missiles, or space vehicles;
2. manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. developing and making prototypes of aerospace products;
4. aircraft conversion (i.e., major modifications to systems); and
5. complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

336411 AIRCRAFT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing or assembling complete aircraft;
2. developing and making aircraft prototypes;
3. aircraft conversion (i.e., major modifications to systems); and
4. complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

336412 AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing aircraft engines and engine parts;
2. developing and making prototypes of aircraft engines and engine parts;
3. aircraft propulsion system conversion (i.e., major modifications to systems); and
4. aircraft propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft propulsion system to original design specifications).

336413 OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing aircraft parts or auxiliary equipment (except engines and aircraft fluid power subassemblies) and/or
2. developing and making prototypes of aircraft parts and auxiliary equipment.

Auxiliary equipment includes such items as crop dusting apparatus, armament racks, inflight refueling equipment, and external fuel tanks.

336414 GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete guided missiles and space vehicles and/or
2. developing and making prototypes of guided missile or space vehicles.

336415 GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and/or space vehicle propulsion units and propulsion unit parts and/or

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2. developing and making prototypes of guided missile and space vehicle propulsion units and propulsion unit parts.

336419 OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and space vehicle parts and auxiliary equipment (except guided missile and space vehicle propulsion units and propulsion unit parts) and/or
2. developing and making prototypes of guided missile and space vehicle parts and auxiliary equipment.

3365 RAILROAD ROLLING STOCK MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. Manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. Manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

33651 RAILROAD ROLLING STOCK MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

336510 RAILROAD ROLLING STOCK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

3366 SHIP AND BOAT BUILDING

This industry group comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

33661 SHIP AND BOAT BUILDING

This industry comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for

other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

336611 SHIP BUILDING AND REPAIRING

This U.S. industry comprises establishments primarily engaged in operating a shipyard. Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

336612 BOAT BUILDING

This U.S. industry comprises establishments primarily engaged in building boats. Boats are defined as watercraft not built in shipyards and typically of the type suitable or intended for personal use.

3369 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles and parts, aerospace products and parts, railroad rolling stock, ship building, and boat manufacturing).

33699 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, metal tricycles, complete military armored vehicles, tanks, self-propelled weapons, vehicles pulled by draft animals, and other transportation equipment (except motor vehicles, boats, ships, railroad rolling stock, and aerospace products), including parts thereof.

336991 MOTORCYCLE, BICYCLE, AND PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, tricycles and similar equipment, and parts.

336992 MILITARY ARMORED VEHICLE, TANK, AND TANK COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing complete military armored vehicles, combat tanks, specialized components for combat tanks, and self-propelled weapons.

336999 ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles, motor vehicle parts, boats, ships, railroad rolling stock, aerospace products, motorcycles, bicycles, and armored vehicles and tanks).

337 FURNITURE AND RELATED PRODUCT MANUFACTURING

Industries in the Furniture and Related Product Manufacturing subsector make furniture and related articles, such as mattresses, window blinds, cabinets, and fixtures. The processes used in the manufacture of furniture include the cutting, bending, molding, laminating, and assembly of such materials as wood, metal, glass, plastics, and rattan. However, the production process for

furniture is not solely bending metal, cutting and shaping wood, or extruding and molding plastics. Design and fashion trends play an important part in the production of furniture. The integrated design of the article for both esthetic and functional qualities is also a major part of the process of manufacturing furniture. Design services may be performed by the furniture establishment's work force or may be purchased from industrial designers.

Furniture may be made of any material, but the most common ones used in North America are metal and wood. Furniture manufacturing establishments may specialize in making articles primarily from one material. Some of the equipment required to make a wooden table, for example, is different from that used to make a metal one. However, furniture is usually made from several materials. A wooden table might have metal brackets, and a wooden chair a fabric or plastics seat. Therefore, in NAICS, furniture initially is classified based on the type of furniture (application for which it is designed) rather than the material used. For example, an upholstered sofa is treated as household furniture, although it may also be used in hotels or offices.

When classifying furniture according to the component material from which it is made, furniture made from more than one material is classified based on the material used in the frame, or if there is no frame, the predominant component material. Upholstered household furniture (excluding kitchen and dining room chairs with upholstered seats) is classified without regard to the frame material. Kitchen or dining room chairs with upholstered seats are classified according to the frame material.

Furniture may be made on a stock or custom basis and may be shipped assembled or unassembled (i.e., knockdown). The manufacture of furniture parts and frames is included in this subsector.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing. For example, cutting and assembly occurs in the production of wood trusses that are classified in Subsector 321, Wood Product Manufacturing. However, the multiple processes that distinguish wood furniture manufacturing from wood product manufacturing warrant inclusion of wooden furniture manufacturing in the Furniture and Related Product Manufacturing subsector. Metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in Subsector 332, Fabricated Metal Product Manufacturing. The molding process for plastics furniture is similar to the molding of other plastics products. However, plastics furniture producing establishments tend to specialize in furniture.

NAICS attempts to keep furniture manufacturing together, but there are two notable exceptions: seating for transportation equipment and laboratory and hospital furniture. These exceptions are related to that fact that some of the aspects of the production process for these products, primarily the design, are highly integrated with that of other manufactured goods, namely motor vehicles and health equipment.

3371 HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTURING

This industry group comprises establishments manufacturing household-type furniture, such as living room, kitchen and bedroom furniture and institutional (i.e., public building) furniture, such as furniture for schools, theaters, and churches.

33711 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

337110 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

33712 HOUSEHOLD AND INSTITUTIONAL FURNITURE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing household-type and public building furniture (i.e., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337121 UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing upholstered household-type furniture. The furniture may be made on a stock or custom basis.

337122 NONUPHOLSTERED WOOD HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonupholstered wood household-type furniture and freestanding cabinets (except television, radio, and sewing machine cabinets). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337124 METAL HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal household-type furniture and freestanding cabinets. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337125 HOUSEHOLD FURNITURE (EXCEPT WOOD AND METAL) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type furniture of materials other than wood or metal, such as plastics, reed, rattan, wicker, and fiberglass. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337127 INSTITUTIONAL FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing institutional-type furniture (e.g., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337129 WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood cabinets used as housings by television, stereo, loudspeaker, and sewing machine manufacturers.

3372 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

33721 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337211 WOOD OFFICE FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337212 CUSTOM ARCHITECTURAL WOODWORK AND MILLWORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing custom designed interiors consisting of architectural woodwork and fixtures utilizing wood, wood products, and plastics laminates. All of the industry output is made to individual order on a job shop basis and requires skilled craftsmen as a labor input. A job might include custom manufacturing of display fixtures, gondolas, wall shelving units, entrance and window architectural detail, sales and reception counters, wall paneling, and matching furniture.

337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337215 SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood and nonwood office and store fixtures, shelving, lockers, frames, partitions, and related fabricated products of wood and nonwood materials, including plastics laminated fixture tops. The products are made on a stock basis and may be assembled or unassembled (i.e., knockdown). Establishments exclusively making furniture parts (e.g., frames) are included in this industry.

337211 WOOD OFFICE FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

3379 OTHER FURNITURE RELATED PRODUCT MANUFACTURING

This industry group comprises establishments manufacturing furniture related products, such as mattresses, blinds, and shades.

33791 MATTRESS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

337910 MATTRESS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

33792 BLIND AND SHADE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following: venetian blinds, other window blinds, shades; curtain and drapery rods, poles; and/or curtain and drapery fixtures. The blinds and shades may be made on a stock or custom basis and may be made of any material.

337920 BLIND AND SHADE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing one or more of the following:

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1. venetian blinds, other window blinds, shades;
 2. curtain and drapery rods, poles; and/or
 3. curtain and drapery fixtures.

The blinds and shades may be made on a stock or custom basis and may be made of any material.

339 MISCELLANEOUS MANUFACTURING

Industries in the Miscellaneous Manufacturing subsector make a wide range of products that cannot readily be classified in specific NAICS subsectors in manufacturing. Processes used by these establishments vary significantly, both among and within industries. For example, a variety of manufacturing processes are used in manufacturing sporting and athletic goods that include products, such as tennis racquets and golf balls. The processes for these products differ from each other, and the processes differ significantly from the fabrication processes used in making dolls or toys, the melting and shaping of precious metals to make jewelry, and the bending, forming, and assembly used in making medical products.

The industries in this subsector are defined by what is made rather than how it is made. Although individual establishments might be appropriately classified elsewhere in the NAICS structure, for historical continuity, these product-based industries were maintained. In most cases, no one process or material predominates for an industry.

Establishments in this subsector manufacture products as diverse as medical equipment and supplies, jewelry, sporting goods, toys, and office supplies.

3391 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

33911 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

339111 LABORATORY APPARATUS AND FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing laboratory apparatus and laboratory and hospital furniture (except dental). Examples of products made by these establishments are hospital beds, operating room tables, laboratory balances and scales, furnaces, ovens, centrifuges, cabinets, cases, benches, tables, and stools.

For this industry, the 1997 Economic Census did not fully implement the conversion to NAICS. The data from 1997 to 2001 for NAICS industry 339111 did not include establishments primarily engaged in the manufacture of hospital beds and other hospital furniture. These establishments are included in the 2002 Economic Census data.

339112 SURGICAL AND MEDICAL INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus (except electrotherapeutic, electro-medical and irradiation apparatus). Examples of products made by these establishments are syringes, hypodermic needles, anesthesia apparatus, blood transfusion equipment, catheters, surgical clamps, and medical thermometers.

339113 SURGICAL APPLIANCE AND SUPPLIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing surgical appliances and supplies. Examples of products made by these establishments are orthopedic devices, prosthetic appliances, surgical dressings, crutches, surgical sutures, and personal industrial safety devices (except protective eyewear).

339114 DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing dental equipment and supplies used by dental laboratories and offices of dentists, such as dental chairs, dental instrument delivery systems, dental hand instruments, and dental impression material and dental cements.

339115 OPHTHALMIC GOODS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ophthalmic goods. Examples of products made by these establishments are prescription eyeglasses (except manufactured in a retail setting), contact lenses, sunglasses, eyeglass frames, reading glasses made to standard powers, and protective eyewear.

339116 DENTAL LABORATORIES

This U.S. industry comprises establishments primarily engaged in manufacturing dentures, crowns, bridges, and orthodontic appliances customized for individual application.

3399 OTHER MISCELLANEOUS MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Jewelry and silverware manufacturing;
2. Sporting and athletic goods manufacturing;
3. Doll, toy, and game manufacturing;
4. Office supplies (except paper) manufacturing;
5. Sign manufacturing; and/or
6. All other miscellaneous manufacturing.

33991 JEWELRY AND SILVERWARE MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing, engraving, chasing, or etching jewelry;
2. manufacturing metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
3. manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter cutlery and flatware;
4. manufacturing, engraving, chasing, or etching personal metal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
5. stamping coins;
6. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
7. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
8. recutting, repolishing, and setting gem stones; and

9. drilling, sawing, and peeling cultured and costume pearls.

339911 JEWELRY (EXCEPT COSTUME) MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, or etching precious metal solid or precious metal clad jewelry;
2. manufacturing, engraving, chasing, or etching personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases) made of precious solid or clad metal; and
3. stamping coins.

339912 SILVERWARE AND HOLLOWWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter flatware and other hollowware.

339913 JEWELERS' MATERIAL AND LAPIDARY WORK MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
2. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
3. recutting, repolishing, and setting gem stones; and
4. drilling, sawing, and peeling cultured pearls.

339914 COSTUME JEWELRY AND NOVELTY MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, and etching costume jewelry; and/or
2. manufacturing, engraving, chasing, or etching nonprecious metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases).

This industry includes establishments primarily engaged in manufacturing precious plated jewelry and precious plated personal goods.

33992 SPORTING AND ATHLETIC GOODS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

339920 SPORTING AND ATHLETIC GOODS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

33993 DOLL, TOY, AND GAME MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing dolls, toys, and games, such as complete dolls, doll parts, doll clothes, action figures, toys, games (including electronic), hobby kits, and children's vehicles (except metal bicycles and tricycles).

339931 DOLL AND STUFFED TOY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing complete dolls, doll parts, and doll clothes; action figures; and stuffed toys.

339932 GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing games (including electronic), toys, and children's vehicles (except bicycles and metal tricycles).

33994 OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing office supplies. Examples of products made by these establishments are pens, pencils, felt tip markers, crayons, chalk, pencil sharpeners, staplers, hand operated stamps, modeling clay, and inked ribbons.

339941 PEN AND MECHANICAL PENCIL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing pens, ballpoint pen refills and cartridges, mechanical pencils, and felt tipped markers.

339942 LEAD PENCIL AND ART GOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonmechanical pencils and art goods. Examples of products made by these establishments are pencil leads, crayons, chalk, framed blackboards, pencil sharpeners, staplers, artists' palettes and paints, and modeling clay.

339943 MARKING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing marking devices, such as hand operated stamps, embossing stamps, stamp pads, and stencils.

339944 CARBON PAPER AND INKED RIBBON MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing carbon paper and inked ribbons.

33995 SIGN MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

339950 SIGN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

33999 ALL OTHER MISCELLANEOUS MANUFACTURING

This industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), and signs).

339991 GASKET, PACKING, AND SEALING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gaskets, packing, and sealing devices of all materials.

339992 MUSICAL INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing musical instruments (except toys).

339993 FASTENER, BUTTON, NEEDLE, AND PIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fasteners, buttons, needles, pins, and buckles (except precious metals or precious and semiprecious stones and gems).

339994 BROOM, BRUSH, AND MOP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing brooms, mops, and brushes.

339995 BURIAL CASKET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing burial caskets, cases, and vaults (except concrete).

339999 ALL OTHER MISCELLANEOUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), musical instruments, fasteners, buttons, needles, pins, brooms, brushes, mops, and burial caskets).

Appendix C.

Methodology

SOURCES OF THE DATA

The manufacturing sector includes approximately 350,000 establishments. This number includes those industries in the North American Industry Classification System (NAICS) definition of manufacturing. The amount of information requested from manufacturing establishments was dependent upon a number of factors. The more important considerations were the size of the company and whether it was included in the Annual Survey of Manufactures (ASM).

Establishments in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:

- a. ASM sample establishments. This group accounts for approximately 15 percent of all manufacturing establishments. The ASM panel covers all the units of large manufacturing establishments, as well as a sample of the medium and smaller establishments. The probability of selection was proportionate to size. For more information, see the Description of the ASM Survey Sample.

In an economic census year, the ASM report form (MA-10000) replaces the first page of the regular census form for those establishments included in the ASM. In addition to information on employment, payroll, and other items normally requested on the regular census form, establishments in the ASM sample were requested to supply additional information on gross book value of assets and capital expenditures. ASM establishments were also requested to provide information on retirements, depreciation, rental payments, and supplemental labor costs. For establishments not included in the ASM, these additional items were estimated using relationships observed in the ASM establishment data. The census statistics for these variables are a sum of the ASM establishment data and the estimated data for non-ASM establishments. ASM establishments were also requested to provide information for selected purchased services. The census statistics for the purchased service items were derived solely from the ASM establishments. See Appendix A. Explanation of Terms, for an explanation of these items. The census part of the report form is 1 of 220 versions containing product, material, and special inquiries. The diversity of manufacturing activities necessitated the use of this many forms to canvass the 473 manufacturing industries. Each form was developed for a group of related industries.

Appearing on each form was a list of products primary to the group of related industries, as well as secondary products and miscellaneous services that establishments classified in these industries were likely to perform. Respondents were requested to identify the products, the value of each product, and, in certain cases, the quantity of the product shipped during the survey year. Space also was provided for the respondent to describe products not specifically identified on the form.

The report form also contained a materials-consumed inquiry, which varied from form to form depending on the industries being canvassed. The respondents were asked to review a list of materials generally used in their production processes. From this list, each establishment was requested to identify those materials consumed during the survey year, the cost of each, and, in certain cases, the quantity consumed. Once again, space was provided

for the respondent to describe significant materials not listed on the form.

A wide variety of special inquiries were included to measure activities peculiar to a given industry, such as operations performed and equipment used.

- b. Large and medium establishments (non-ASM). Approximately 30 percent of all manufacturing establishments were included in this group. A variable cutoff, based on administrative-record payroll data and determined on an industry-by-industry basis, was used to select those establishments that were to receive 1 of the 220 economic census — manufacturing regular forms. The first page, requesting establishment data for items such as employment and payroll, was standard but did not contain the detailed statistics included on the ASM form. The product, material, and special inquiry sections supplied were based on the historical industry classification of the establishment.
- c. Small single-establishment companies (non-ASM). This group includes approximately 15 percent of all manufacturing establishments. For those industries where application of the variable cutoff for administrative-record cases resulted in a large number of small establishments being included in the mail canvass, an abbreviated “short form” was used. These establishments received 1 of the 31 versions of the short form, which requested summary product and material data and totals but no details on employment, payroll, cost of materials, inventories, and capital expenditures.

Use of the short form has no adverse effect on published totals for the industry statistics, because the same data were collected on the short form as on the long form. However, detailed information on products and materials consumed was not collected on the short form; thus, its use would increase the value of the “not specified by kind” (nsk) categories.

2. Establishments not sent a report form:

- a. Small single-establishment companies not sent a report form. Approximately 40 percent of the manufacturing establishments were small single-establishment companies that were excused from filing a census report. Selection of these establishments was based on two factors: annual payroll and the Census Bureau’s ability to assign the correct six-digit NAICS industry classification to the establishment. For each six-digit NAICS industry code, an annual payroll cutoff was determined. These cutoffs were derived so that the establishments with payroll less than the cutoff were expected to account for no more than 3 percent of the value of shipments for the industry. Generally, all single-establishment companies with less than 5 employees were excused, while all establishments with more than 20 employees were mailed forms. Establishments below the cutoff that could not be directly assigned a six-digit NAICS code were mailed a classification report that requested information for assigning NAICS industry codes. Establishments below the cutoff that could be directly assigned a six-digit NAICS code were excused from filing any report. For below cutoff establishments, information on the physical location, payroll, and receipts was obtained from the administrative records of other federal agencies under special arrangements that safeguarded their confidentiality.

Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The value of shipments and cost of materials were not distributed among specific products and materials for these establishments, but were included in the product and material “not specified by kind” (nsk) categories.

The industry classification codes included in the administrative-record files were assigned on the basis of brief descriptions of the general activity of the establishment. As a result, an indeterminate number of establishments were erroneously coded to a six-digit NAICS industry. This was especially true whenever there was a relatively fine line of demarcation between industries or between manufacturing and nonmanufacturing activity.

Sometimes the administrative-record cases had only two- or three-digit NAICS group classification codes available in the files. For manufacturing, these establishments were sent a

separate classification form, which requested information on the products and services of the establishment. This form was used to code many of these establishments to the appropriate six-digit NAICS level. Establishments that did not return the classification form were coded later to those six-digit NAICS industries identified as “All other” industries within the given subsector.

As a result of these situations, a number of small establishments may have been misclassified by industry. However, such possible misclassification has no significant effect on the statistics, other than on the number of companies and establishments.

The total establishment count for individual industries should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 employees or more are far more reliable than the count of total number of establishments.

- b. All nonemployers, i.e., all firms subject to federal income tax, with no paid employees, during 2002 are excluded as in previous censuses. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments covered in the 2002 Economic Census — Manufacturing are classified in 1 of 473 industries in accordance with the industry definitions in the *North American Industry Classification System (NAICS), United States, 2002* manual. There were no changes between the 2002 edition and the 1997 edition affecting this sector. When applicable, Appendix F of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 2002, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. There are 1,450 product classes (seven-digit codes), 5,674 census products, and an additional 3,746 ten-digit product codes. The ten-digit products are considered the primary products of the industry with the same first six digits.

For the 2002 Economic Census — Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 2002, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

As previously noted, the small establishments that may have been misclassified by industry are usually administrative-record cases whose industry codes were assigned on the basis of incomplete descriptions of the general activity of the establishment. Such possible misclassifications have no significant effect on the statistics other than on the number of companies and establishments.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments that may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry's output should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the primary product specialization ratio and the coverage ratio. The primary product specialization ratio is the proportion of industry shipments accounted for by the primary products of establishments classified in the industry. The coverage ratio is the proportion of product shipments accounted for by establishments classified in the industry.

ESTABLISHMENT BASIS OF REPORTING

The 2002 Economic Census — Manufacturing is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment. The ASM also is conducted on an establishment basis, but separate reports are filed for just those establishments selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports, if the plant records permit such a separation and if the activities are substantial in size.

In 2002, as in earlier years, a minimum size limit was set for inclusion of establishments in the census. All establishments employing one person or more at any time during the census year are included. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures, except for data on number of establishments for a few industries.

The 2002 Economic Census — Manufacturing excludes data for central administrative offices (CAOs). These would include separately operated administrative offices, warehouses, garages, and other auxiliary units that service manufacturing establishments of the same company. These data are published in a separate report series.

DESCRIPTION OF THE ASM SURVEY SAMPLE

The ASM sample is drawn for the second survey year after a census. The most recent sample was drawn for the 1999 survey year based on the 1997 Economic Census — Manufacturing. This sample will be in place through the 2003 ASM.

In 1997, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the establishments in the 1997 manufacturing population were partitioned into two components for developing estimates within the ASM. The details of each are described below:

1. Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies

that operate at more than one physical location). Approximately 200,000 of the 370,000 establishments in the 1997 census were assigned to the mail stratum. On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1999 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1997 census. Supplemental samples representing both 1998 and 1999 births (newly active establishments that were not included in the 1997 census) were also selected. Establishments selected for the sample are mailed an ASM survey questionnaire for each year through 2003.

The 1999-2003 ASM sample design is similar to the one used since 1984. Companies in the 1997 Economic Census — Manufacturing with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1999-2003 sample, there are approximately 500 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. Across these arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1997 Economic Census — Manufacturing.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1997 industry classification and its 1997 product class data. For each product class (1,755) and six-digit industry (473), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints, while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by the Census Bureau's primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) that permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

2. Nonmail stratum. The initial nonmail component of the survey was comprised of approximately 170,000 small, single-establishment companies that were tabulated as administrative records in the 1997 Economic Census — Manufacturing. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the Internal Revenue Service (IRS) and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum. For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census. The following are two ways that further explain this method: ASM Estimating Procedure. Most of the ASM

estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1997 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the “difference” between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1998-2002 ASM estimates, the 1997 Economic Census — Manufacturing values serve as the base year. For the 2003 ASM, the base will be updated to be the 2002 Economic Census — Manufacturing.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contained approximately 170,000 individual establishments in 1999, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication. ASM Data Qualifications. The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists, but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

- From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
- From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS

The 2002 Economic Census — Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or company. However, the number of establishments in a specific industry or geographic area is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

The disclosure analysis for the industry statistics files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. Nonetheless, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures, which can be suppressed even though value of shipments data are published.

Appendix D.

Geographic Notes

MISSISSIPPI

Baldwyn is in Lee and Prentiss Counties.

Hattiesburg is in Forrest and Lamar Counties.

Jackson is in Hinds, Madison, and Rankin Counties.

Lucedale is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of George County.

Moorhead is now tabulated separately due to a population increase. This change deletes territory from the Balance of Sunflower County.

Nettleton is no longer tabulated separately due to a population decrease. This change adds territory to the Balances of Lee and Monroe Counties.

Quitman is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Clarke County.

Rosedale is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Bolivar County.

Saltillo is now tabulated separately due to a population increase. This change deletes territory from the Balance of Lee County.

Balance of Bolivar County includes Rosedale, which is no longer tabulated separately due to a population decrease.

Balance of Clarke County includes Quitman, which is no longer tabulated separately due to a population decrease.

Balance of George County includes Lucedale, which is no longer tabulated separately due to a population decrease.

Balance of Lee County includes Nettleton (part), which is no longer tabulated separately due to a population decrease and no longer includes Saltillo, which is tabulated separately due to a population increase.

Balance of Monroe County includes Nettleton (part), which is no longer tabulated separately due to a population decrease.

Balance of Sunflower County no longer includes Moorhead, which is tabulated separately due to a population increase.

Appendix E.

Metropolitan and Micropolitan Statistical Areas

GULFPORT-BILOXI-PASCAGOULA, MS COMBINED STATISTICAL AREA

Gulfport-Biloxi, MS Metropolitan Statistical Area

Hancock County, MS

Harrison County, MS

Stone County, MS

Pascagoula, MS Metropolitan Statistical Area

George County, MS

Jackson County, MS

JACKSON-YAZOO CITY, MS COMBINED STATISTICAL AREA

Jackson, MS Metropolitan Statistical Area

Copiah County, MS

Hinds County, MS

Madison County, MS

Rankin County, MS

Simpson County, MS

Yazoo City, MS Micropolitan Statistical Area

Yazoo County, MS

BROOKHAVEN, MS MICROPOLITAN STATISTICAL AREA

Lincoln County, MS

CLARKSDALE, MS MICROPOLITAN STATISTICAL AREA

Coahoma County, MS

CLEVELAND, MS MICROPOLITAN STATISTICAL AREA

Bolivar County, MS

COLUMBUS, MS MICROPOLITAN STATISTICAL AREA

Lowndes County, MS

CORINTH, MS MICROPOLITAN STATISTICAL AREA

Alcorn County, MS

GREENVILLE, MS MICROPOLITAN STATISTICAL AREA

Washington County, MS

GREENWOOD, MS MICROPOLITAN STATISTICAL AREA

Carroll County, MS

Leflore County, MS

GRENADA, MS MICROPOLITAN STATISTICAL AREA

Grenada County, MS

HATTIESBURG, MS METROPOLITAN STATISTICAL AREA

Forrest County, MS

Lamar County, MS

Perry County, MS

INDIANOLA, MS MICROPOLITAN STATISTICAL AREA

Sunflower County, MS

LAUREL, MS MICROPOLITAN STATISTICAL AREA

Jasper County, MS

Jones County, MS

MCCOMB, MS MICROPOLITAN STATISTICAL AREA

Amite County, MS

Pike County, MS

MEMPHIS, TN-MS-AR METROPOLITAN STATISTICAL AREA

Crittenden County, AR

DeSoto County, MS

Marshall County, MS

Tate County, MS

Tunica County, MS

Fayette County, TN

Shelby County, TN

Tipton County, TN

MERIDIAN, MS MICROPOLITAN STATISTICAL AREA

Clarke County, MS

Kemper County, MS

Lauderdale County, MS

NATCHEZ, MS-LA MICROPOLITAN STATISTICAL AREA

Concordia Parish, LA

Adams County, MS

OXFORD, MS MICROPOLITAN STATISTICAL AREA

Lafayette County, MS

PICAYUNE, MS MICROPOLITAN STATISTICAL AREA

Pearl River County, MS

STARKVILLE, MS MICROPOLITAN STATISTICAL AREA

Oktibbeha County, MS

TUPELO, MS MICROPOLITAN STATISTICAL AREA

Itawamba County, MS

Lee County, MS

Pontotoc County, MS

VICKSBURG, MS MICROPOLITAN STATISTICAL AREA

Warren County, MS

