

General Summary: 2002

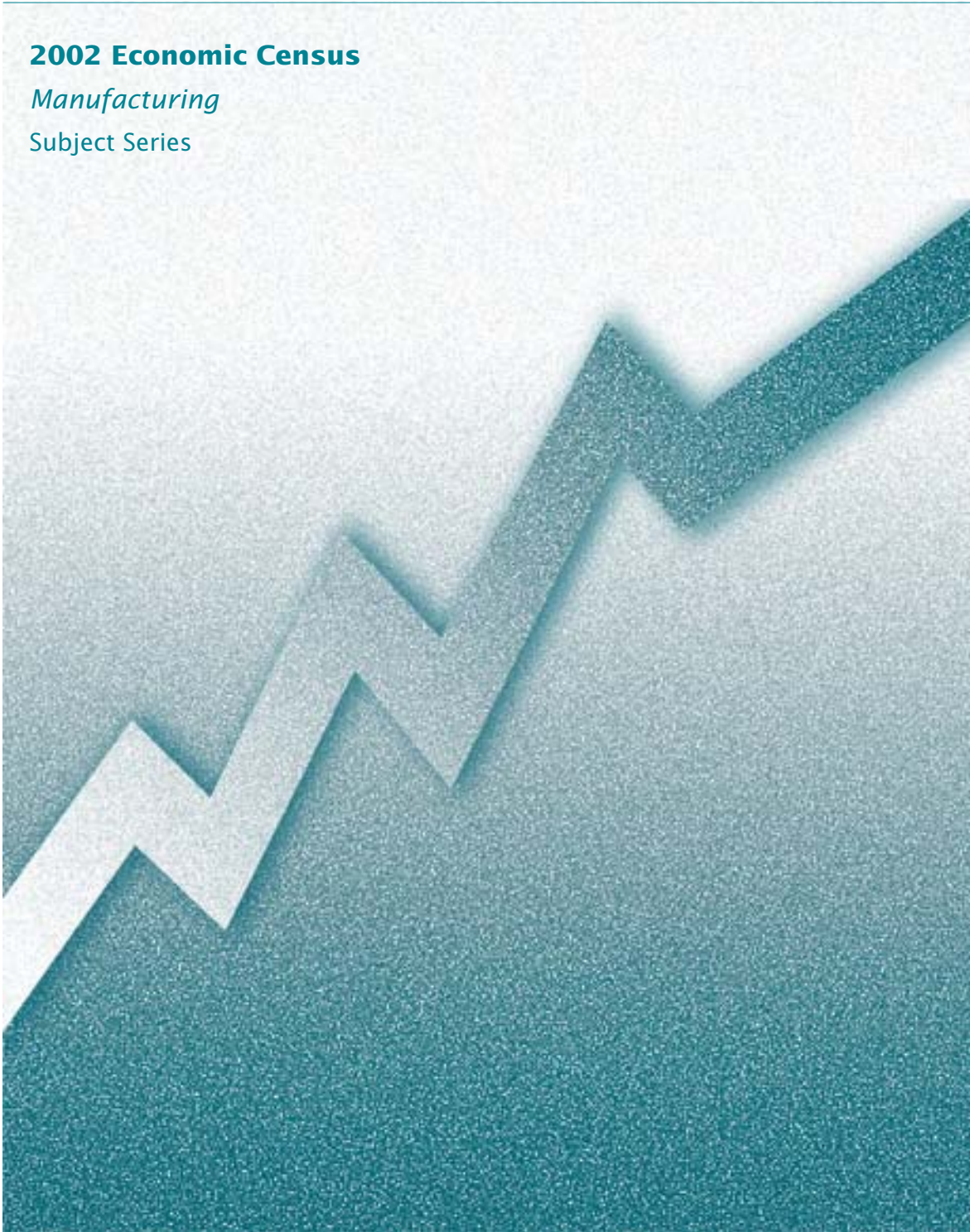
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EC02-31SG-1

2002 Economic Census

Manufacturing

Subject Series



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-- Not applicable for this report.

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. Statistics for All Manufacturing Establishments: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Year 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 ³	Hours (1,000)	Wages (\$1,000)				
2002	350 828	108 728	14 699 536	576 170 541	10 343 449	20 453 699	336 967 174	1 887 792 650	2 025 061 815	3 916 136 712	125 536 189
2001	N	N	15 845 612	591 558 514	11 212 063	22 384 367	342 268 242	1 850 709 351	2 105 337 943	3 967 698 457	142 984 511
2000	N	N	16 651 904	617 211 426	11 943 646	23 954 395	363 380 819	1 973 622 421	2 245 839 293	4 208 582 047	154 478 902
1999	N	N	16 685 639	601 472 998	11 977 196	24 209 596	355 790 664	1 954 498 206	2 084 316 398	4 031 884 590	150 325 065
1998	N	N	16 944 977	586 957 735	12 189 519	24 582 584	348 953 570	1 891 265 885	2 018 054 521	3 899 809 755	152 708 100
1997	362 829	119 748	16 805 127	569 808 845	12 065 257	24 183 271	338 267 197	1 825 688 027	2 015 424 556	3 834 700 920	151 510 757
1996	N	N	17 326 300	560 518 300	12 167 800	25 010 500	324 495 800	1 749 661 900	1 975 362 100	3 715 428 200	146 467 500
1995	N	N	17 419 200	545 362 700	12 253 100	25 072 000	317 767 500	1 711 442 300	1 897 570 700	3 594 359 600	134 318 100
1994	N	N	17 059 400	522 565 700	11 947 100	24 560 100	304 663 000	1 605 980 000	1 752 735 100	3 348 019 200	118 664 700
1993	N	N	16 943 500	504 363 100	11 726 200	23 845 100	290 293 200	1 483 054 100	1 647 492 600	3 127 620 400	108 628 500
1992	370 912	118 967	16 948 900	494 108 900	11 640 900	23 563 100	281 538 200	1 424 699 700	1 571 773 500	3 004 722 800	110 643 800
1991	N	N	17 081 200	477 174 600	11 652 000	23 383 000	270 601 000	1 341 386 200	1 531 221 300	2 878 164 800	103 152 900
1990	N	N	17 796 200	480 223 500	12 232 700	24 463 300	275 208 400	1 346 970 100	1 574 617 300	2 912 228 500	106 462 800
1989	N	N	18 045 700	470 479 200	12 535 500	24 933 900	273 119 900	1 325 433 600	1 532 330 000	2 840 376 000	101 894 300
1988	N	N	17 989 600	453 309 400	12 438 700	24 815 400	265 147 100	1 269 313 000	1 444 500 900	2 695 432 300	84 706 100
1987	358 952	120 822	17 718 000	428 480 000	12 280 400	24 302 700	251 449 500	1 165 740 800	1 319 844 600	2 475 939 100	85 662 100
1986	N	N	17 086 800	402 466 700	11 765 400	23 178 200	236 599 400	1 035 437 400	1 217 608 600	2 260 314 600	80 795 100
1985	N	N	17 508 300	396 610 500	12 174 400	23 731 600	235 790 800	1 000 142 000	1 276 009 600	2 280 183 800	91 244 900
1984	N	N	17 854 900	384 921 500	12 572 800	24 637 100	231 783 900	983 227 700	1 288 413 600	2 253 429 300	80 659 900
1983	N	N	17 453 100	354 232 200	12 203 000	23 611 600	212 416 400	882 014 500	1 170 237 800	2 045 853 300	67 479 800
1982	348 385	117 959	17 818 100	341 406 200	12 400 600	23 538 300	204 787 200	824 117 700	1 130 142 700	1 960 205 800	77 045 700

¹Statistics presented for years ending in 2 and 7 are census data. Interim years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM). Also, in census year 1997, collection and publication of census and subsequent ASM data changed from the Standard Industrial Classification (SIC) basis to the North American Industry Classification System (NAICS) basis. For a discussion of the impact of this change on the data, see introductory text.

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

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

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and 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.

Table 2. Industry Statistics for Industry Groups and Industries: 2002—Con.

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

NAICS code	Industry	Companies ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ⁴ (\$1,000)	Total capital expenditures (\$1,000)
				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
315 3152	Apparel manufacturing—Con. Cut and sew apparel manufacturing	10 448	10 785	264 557	5 623 901	209 776	372 089	3 472 614	17 135 295	18 284 528	35 575 034	316 217
31521	Cut and sew apparel contractors	7 175	7 234	99 653	1 545 248	89 478	152 747	1 233 013	2 732 968	735 739	3 477 606	46 169
315211	Men's and boys' cut and sew apparel contractors	971	994	23 147	368 370	20 396	33 825	292 246	720 832	125 563	845 291	17 302
315212	Women's, girls', and infants' cut and sew apparel contractors ..	6 215	6 240	76 506	1 176 878	69 082	118 922	940 767	2 012 136	610 176	2 632 315	28 867
31522	Men's and boys' cut and sew apparel manufacturing	795	933	69 892	1 477 653	56 483	100 020	994 379	5 812 451	5 798 849	11 627 163	91 346
315221	Men's and boys' cut and sew underwear and nightwear manufacturing	26	28	1 749	45 439	1 462	2 845	28 469	111 899	146 785	260 667	1 569
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	200	214	11 350	283 047	8 675	16 356	167 096	641 513	452 860	1 118 364	7 314
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	182	194	11 322	238 116	8 936	14 893	148 923	804 606	1 184 129	1 994 471	22 721
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	92	124	21 030	450 099	17 859	31 557	332 415	2 813 925	2 355 198	5 147 654	36 055
315225	Men's and boys' cut and sew work clothing manufacturing	105	138	13 105	247 158	10 697	19 131	167 751	934 943	1 060 834	2 012 753	14 359
315228	Men's and boys' cut and sew other outerwear manufacturing	217	235	11 336	213 794	8 854	15 238	149 725	505 565	599 043	1 093 254	9 328
31523	Women's and girls' cut and sew apparel manufacturing	1 931	1 997	75 786	2 186 670	49 495	92 198	1 001 676	7 670 016	11 033 385	18 823 260	159 468
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	121	136	12 020	261 160	6 827	13 400	117 956	1 076 745	1 519 033	2 626 184	32 372
315232	Women's and girls' cut and sew blouse and shirt manufacturing ..	351	357	15 370	494 204	9 963	18 218	205 994	1 628 138	2 594 739	4 229 683	33 597
315233	Women's and girls' cut and sew dress manufacturing	525	537	16 206	531 830	9 903	18 676	231 787	1 429 698	2 248 949	3 670 337	35 163
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing...	185	187	5 428	195 951	3 473	5 806	67 223	586 250	664 504	1 258 583	9 298
315239	Women's and girls' cut and sew other outerwear manufacturing	761	780	26 762	703 525	19 329	36 098	378 716	2 949 185	4 006 160	7 038 473	49 038
31529	Other cut and sew apparel manufacturing ..	608	621	19 226	414 330	14 320	27 124	243 546	919 860	716 555	1 647 005	19 234
315291	Infants' cut and sew apparel manufacturing	41	42	2 570	46 946	1 581	2 897	24 757	155 340	152 362	315 348	3 283
315292	Fur and leather apparel manufacturing	154	155	2 251	51 714	1 805	3 227	31 127	96 846	111 553	211 253	1 145
315299	All other cut and sew apparel manufacturing	413	424	14 405	315 670	10 934	21 000	187 662	667 674	452 640	1 120 404	14 806
3159	Apparel accessories and other apparel manufacturing	1 367	1 410	27 882	650 534	21 367	39 342	394 780	1 354 025	1 535 603	2 900 806	35 423
31599	Apparel accessories and other apparel manufacturing	1 367	1 410	27 882	650 534	21 367	39 342	394 780	1 354 025	1 535 603	2 900 806	35 423
315991	Hat, cap, and millinery manufacturing	240	249	8 984	193 789	7 398	13 091	128 646	393 142	306 045	685 030	7 108
315992	Glove and mitten manufacturing	75	96	3 082	67 869	2 387	4 308	42 446	90 948	199 619	297 922	2 201
315993	Men's and boys' neckwear manufacturing	72	74	2 875	76 175	2 222	4 157	41 076	220 268	171 474	389 801	1 437
315999	Other apparel accessories and other apparel manufacturing	983	991	12 941	312 701	9 360	17 786	182 612	649 667	858 465	1 528 053	24 677
316	Leather and allied product manufacturing	1 462	1 522	44 543	1 160 833	35 317	66 298	728 377	2 872 273	3 309 255	6 254 100	78 307
3161	Leather and hide tanning and finishing	246	257	8 909	280 689	7 150	13 664	198 740	771 728	1 482 345	2 279 638	23 881
31611	Leather and hide tanning and finishing	246	257	8 909	280 689	7 150	13 664	198 740	771 728	1 482 345	2 279 638	23 881
316110	Leather and hide tanning and finishing ..	246	257	8 909	280 689	7 150	13 664	198 740	771 728	1 482 345	2 279 638	23 881

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Table 2. Industry Statistics for Industry Groups and Industries: 2002—Con.

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NAICS code	Industry	Com-panies ¹	All es-tablish-ments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ⁴ (\$1,000)	Total capital expenditures (\$1,000)
				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322	Paper manufacturing—Con.											
3222	Converted paper product manufacturing	3 345	4 959	332 817	12 642 804	252 995	522 164	8 148 909	37 668 015	45 959 509	83 734 675	2 485 113
32221	Paperboard container manufacturing	1 541	2 669	184 884	7 091 160	140 499	292 986	4 510 172	17 448 336	26 067 809	43 494 303	1 294 184
322211	Corrugated and solid fiber box manufacturing	957	1 718	116 983	4 628 279	85 830	180 383	2 768 991	10 944 928	18 510 270	29 499 639	819 645
322212	Folding paperboard box manufacturing ...	349	494	39 178	1 554 603	31 360	66 205	1 085 500	3 851 113	4 420 375	8 249 461	316 564
322213	Setup paperboard box manufacturing	117	122	6 209	171 734	4 775	9 258	106 123	351 719	287 468	640 914	24 245
322214	Fiber can, tube, drum, and similar products manufacturing	134	262	9 494	328 622	7 770	15 305	241 968	891 820	1 151 166	2 041 978	43 477
322215	Nonfolding sanitary food container manufacturing	37	73	13 020	407 922	10 764	21 835	307 590	1 408 756	1 698 530	3 062 311	90 253
32222	Paper bag and coated and treated paper manufacturing	742	929	66 296	2 640 583	48 573	100 144	1 645 993	8 333 742	9 842 301	18 242 228	527 859
322221	Coated and laminated packaging paper and plastics film manufacturing	108	115	4 359	169 039	3 310	7 023	111 754	452 053	720 770	1 175 502	30 429
322222	Coated and laminated paper manufacturing .	458	545	38 629	1 631 698	26 670	54 087	958 353	5 801 666	6 068 127	11 894 777	373 218
322223	Plastics, foil, and coated paper bag manufacturing	41	41	2 662	102 872	2 055	4 287	68 375	258 618	308 102	564 387	14 406
322224	Uncoated paper and multiwall bag manufacturing	80	123	12 836	407 954	10 741	22 468	296 030	932 334	1 253 326	2 187 615	44 852
322225	Laminated aluminum foil manufacturing for flexible packaging uses	37	43	4 753	219 488	3 494	7 429	144 374	600 133	906 387	1 533 770	50 119
322226	Surface-coated paperboard manufacturing	49	62	3 057	109 532	2 303	4 850	67 107	288 938	585 589	886 177	14 835
32223	Stationery product manufacturing	526	636	38 595	1 300 452	30 212	61 172	892 224	3 531 704	4 380 422	7 977 966	143 056
322231	Die-cut paper and paperboard office supplies manufacturing	229	251	11 535	362 012	9 041	18 343	241 429	1 226 713	1 621 010	2 867 207	47 363
322232	Envelope manufacturing	167	237	20 442	733 293	16 147	33 060	521 244	1 537 712	1 817 967	3 363 017	73 050
322233	Stationery, tablet, and related product manufacturing	140	148	6 618	205 147	5 024	9 769	129 551	767 279	941 445	1 747 742	22 643
32229	Other converted paper product manufacturing ..	617	725	43 042	1 610 609	33 711	67 862	1 100 520	8 354 233	5 668 977	14 020 178	520 014
322291	Sanitary paper product manufacturing	109	145	20 053	843 966	15 851	32 421	617 681	6 025 358	3 525 488	9 559 179	414 819
322299	All other converted paper product manufacturing	511	580	22 989	766 643	17 860	35 441	482 839	2 328 875	2 143 489	4 460 999	105 195
323	Printing and related support activities	35 739	37 538	715 777	25 627 770	513 847	968 457	15 907 024	59 091 897	36 594 704	95 726 203	3 872 928
3231	Printing and related support activities	35 739	37 538	715 777	25 627 770	513 847	968 457	15 907 024	59 091 897	36 594 704	95 726 203	3 872 928
32311	Printing	32 572	34 146	659 823	23 509 808	471 679	887 987	14 553 655	54 926 299	35 396 201	90 372 372	3 668 929
323110	Commercial lithographic printing ..	14 968	15 620	369 050	13 936 215	266 042	501 038	8 740 006	30 586 221	20 055 759	50 637 053	2 192 363
323111	Commercial gravure printing	338	359	17 557	651 609	14 798	29 579	500 767	1 934 556	1 614 118	3 552 617	266 720
323112	Commercial flexographic printing ..	834	897	30 889	1 185 962	20 450	40 162	656 150	2 924 252	2 501 787	5 422 355	195 785
323113	Commercial screen printing	4 384	4 419	68 094	1 962 330	48 824	88 771	1 103 696	3 931 020	2 859 848	6 812 658	180 646
323114	Quick printing	7 519	7 699	44 211	1 320 362	29 368	50 542	773 843	3 217 123	1 299 833	4 516 669	151 766
323115	Digital printing	1 034	1 131	20 358	745 192	13 435	23 654	427 948	1 723 967	668 614	2 390 158	98 462
323116	Manifold business forms printing	559	773	36 962	1 234 384	24 899	50 302	766 350	4 794 899	3 028 516	7 843 358	193 415
323117	Books printing	559	597	38 439	1 350 337	30 551	60 389	948 399	3 127 473	1 740 726	4 856 284	236 291
323118	Blankbook, looseleaf binders, and devices manufacturing	223	241	11 866	357 865	8 388	16 817	205 874	1 062 615	677 477	1 763 202	56 119
323119	Other commercial printing	2 395	2 410	22 397	765 552	14 924	26 733	430 622	1 624 173	949 523	2 578 018	97 362
32312	Support activities for printing	3 243	3 392	55 954	2 117 962	42 168	80 470	1 353 369	4 165 598	1 198 503	5 353 831	203 999
323121	Tradebinding and related work	1 210	1 239	26 664	764 390	21 897	42 937	528 882	1 493 056	507 839	1 994 937	71 489
323122	Prepress services	2 035	2 153	29 290	1 353 572	20 271	37 533	824 487	2 672 542	690 664	3 358 894	132 510
324	Petroleum and coal products manufacturing	1 106	2 262	102 836	6 151 468	66 412	139 836	3 741 212	36 969 633	179 629 918	215 312 899	8 170 674
3241	Petroleum and coal products manufacturing ...	1 106	2 262	102 836	6 151 468	66 412	139 836	3 741 212	36 969 633	179 629 918	215 312 899	8 170 674
32411	Petroleum refineries	88	203	61 585	4 323 983	38 077	84 165	2 612 161	28 379 001	166 384 563	193 547 214	7 394 159
324110	Petroleum refineries...	88	203	61 585	4 323 983	38 077	84 165	2 612 161	28 379 001	166 384 563	193 547 214	7 394 159
32412	Asphalt paving, roofing, and saturated materials manufacturing	628	1 565	27 441	1 151 897	20 178	39 614	794 531	5 343 658	8 162 145	13 424 361	512 219

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
324	Petroleum and coal products manufacturing—Con.											
3241	Petroleum and coal products manufacturing—Con.											
32412	Asphalt paving, roofing, and saturated materials manufacturing—Con.											
324121	Asphalt paving mixture and block manufacturing	511	1 356	15 431	622 331	11 399	20 946	439 878	2 814 066	4 690 830	7 474 664	303 488
324122	Asphalt shingle and coating materials manufacturing	123	209	12 010	529 566	8 779	18 668	354 653	2 529 592	3 471 315	5 949 697	208 731
32419	Other petroleum and coal products manufacturing .	420	494	13 810	675 588	8 157	16 057	334 520	3 246 974	5 083 210	8 341 324	264 296
324191	Petroleum lubricating oil and grease manufacturing	356	412	10 619	527 517	5 747	11 275	232 145	2 607 323	3 839 686	6 445 658	109 810
324199	All other petroleum and coal products manufacturing	66	82	3 191	148 071	2 410	4 782	102 375	639 651	1 243 524	1 895 666	154 486
325	Chemical manufacturing	9 660	13 476	852 297	44 556 764	482 415	984 819	21 062 364	253 608 726	206 900 774	460 424 786	17 843 128
3251	Basic chemical manufacturing	1 227	2 377	179 263	10 776 023	102 221	219 125	5 575 607	45 514 760	64 124 819	109 710 377	4 867 935
32511	Petrochemical manufacturing	43	56	9 380	656 367	5 129	10 944	345 891	6 905 548	14 162 327	21 084 070	504 837
325110	Petrochemical manufacturing	43	56	9 380	656 367	5 129	10 944	345 891	6 905 548	14 162 327	21 084 070	504 837
32512	Industrial gas manufacturing	103	572	10 654	593 826	5 094	10 683	278 795	3 491 091	2 409 329	5 864 978	347 678
325120	Industrial gas manufacturing	103	572	10 654	593 826	5 094	10 683	278 795	3 491 091	2 409 329	5 864 978	347 678
32513	Synthetic dye and pigment manufacturing .	160	204	14 880	778 510	9 266	19 611	430 951	3 351 230	2 968 148	6 338 477	244 005
325131	Inorganic dye and pigment manufacturing	63	81	7 233	396 916	4 842	10 097	246 236	1 940 126	1 576 786	3 522 308	169 140
325132	Synthetic organic dye and pigment manufacturing	98	123	7 647	381 594	4 424	9 514	184 715	1 411 104	1 391 362	2 816 169	74 865
32518	Other basic inorganic chemical manufacturing	421	697	55 392	3 360 446	30 083	63 546	1 628 266	11 204 854	8 683 981	19 927 017	1 017 104
325181	Alkalies and chlorine manufacturing	28	41	6 253	384 934	4 302	9 183	250 461	1 282 907	1 538 450	2 809 496	117 552
325182	Carbon black manufacturing	11	25	1 665	99 409	1 111	2 235	60 580	524 981	511 912	1 033 515	40 087
325188	All other basic inorganic chemical manufacturing	392	631	47 474	2 876 103	24 670	52 128	1 317 225	9 396 966	6 633 619	16 084 006	859 465
32519	Other basic organic chemical manufacturing	596	848	88 957	5 386 874	52 649	114 341	2 891 704	20 562 037	35 901 034	56 495 835	2 754 311
325191	Gum and wood chemical manufacturing	42	54	2 169	90 125	1 687	3 451	61 553	531 006	435 723	981 477	29 596
325192	Cyclic crude and intermediate manufacturing	31	37	6 528	387 985	3 556	7 658	199 857	1 724 756	3 109 195	4 935 751	252 378
325193	Ethyl alcohol manufacturing	64	72	2 265	97 732	1 661	3 948	64 908	784 010	1 517 191	2 288 305	125 191
325199	All other basic organic chemical manufacturing	480	685	77 995	4 811 032	45 745	99 284	2 565 386	17 522 265	30 838 925	48 290 302	2 347 146
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	627	949	100 244	5 285 526	69 071	145 016	3 269 517	22 523 155	37 925 651	60 223 140	2 571 760
32521	Resin and synthetic rubber manufacturing ..	559	846	76 766	4 331 315	50 430	104 142	2 589 783	18 946 763	33 542 269	52 273 901	2 349 462
325211	Plastics material and resin manufacturing ..	445	690	67 171	3 817 318	43 969	91 121	2 268 653	16 396 720	30 650 258	46 825 479	2 070 218
325212	Synthetic rubber manufacturing	132	156	9 595	513 997	6 461	13 021	321 130	2 550 043	2 892 011	5 448 422	279 244
32522	Artificial and synthetic fibers and filaments manufacturing	77	103	23 478	954 211	18 641	40 874	679 734	3 576 392	4 383 382	7 949 239	222 298
325221	Cellulosic organic fiber manufacturing	8	8	1 819	75 150	1 420	2 991	51 487	261 635	220 835	470 179	21 887
325222	Noncellulosic organic fiber manufacturing ..	69	95	21 659	879 061	17 221	37 883	628 247	3 314 757	4 162 547	7 479 060	200 411
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	704	963	31 315	1 494 977	19 785	42 306	831 027	9 288 023	9 900 214	19 316 550	625 317
32531	Fertilizer manufacturing ..	503	723	20 753	942 504	13 681	29 698	572 584	3 414 332	6 795 205	10 231 421	454 855
325311	Nitrogenous fertilizer manufacturing	116	144	4 760	282 589	2 971	6 521	166 936	971 247	2 258 835	3 291 075	108 669
325312	Phosphatic fertilizer manufacturing	33	45	6 306	335 864	4 630	10 766	235 035	1 361 338	2 638 098	3 955 155	249 719
325314	Fertilizer (mixing only) manufacturing	368	534	9 687	324 051	6 080	12 411	170 613	1 081 747	1 898 272	2 985 191	96 467
32532	Pesticide and other agricultural chemical manufacturing	205	240	10 562	552 473	6 104	12 608	258 443	5 873 691	3 105 009	9 085 129	170 462

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
325	Chemical manufacturing—Con.											
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing—Con.											
32532	Pesticide and other agricultural chemical manufacturing—Con.											
325320	Pesticide and other agricultural chemical manufacturing	205	240	10 562	552 473	6 104	12 608	258 443	5 873 691	3 105 009	9 085 129	170 462
3254	Pharmaceutical and medicine manufacturing ..	1 441	1 829	248 947	13 788 405	116 225	230 637	4 986 984	101 875 752	38 904 421	140 557 276	5 779 506
32541	Pharmaceutical and medicine manufacturing	1 441	1 829	248 947	13 788 405	116 225	230 637	4 986 984	101 875 752	38 904 421	140 557 276	5 779 506
325411	Medicinal and botanical manufacturing	343	368	20 605	1 100 937	10 938	21 536	495 449	7 955 203	4 313 368	12 242 919	754 288
325412	Pharmaceutical preparation manufacturing	729	904	176 650	9 869 141	82 409	164 827	3 496 897	82 185 757	29 961 995	112 245 666	4 178 604
325413	In-vitro diagnostic substance manufacturing	195	237	27 155	1 518 602	10 236	20 249	465 609	5 686 622	1 963 568	7 699 051	284 771
325414	Biological product (except diagnostic) manufacturing	234	320	24 537	1 299 725	12 642	24 025	529 029	6 048 170	2 665 490	8 369 640	561 843
3255	Paint, coating, and adhesive manufacturing ..	1 596	2 018	67 544	2 994 675	38 343	75 865	1 331 143	13 338 152	13 994 208	27 368 398	623 418
32551	Paint and coating manufacturing	1 149	1 423	46 347	2 051 902	25 261	49 593	876 536	9 537 705	10 321 918	19 921 979	446 106
325510	Paint and coating manufacturing	1 149	1 423	46 347	2 051 902	25 261	49 593	876 536	9 537 705	10 321 918	19 921 979	446 106
32552	Adhesive manufacturing ..	465	595	21 197	942 773	13 082	26 272	454 607	3 800 447	3 672 290	7 446 419	177 312
325520	Adhesive manufacturing	465	595	21 197	942 773	13 082	26 272	454 607	3 800 447	3 672 290	7 446 419	177 312
3256	Soap, cleaning compound, and toilet preparation manufacturing	2 141	2 402	115 745	4 962 783	71 379	140 305	2 500 572	40 774 192	23 181 145	64 030 042	2 065 210
32561	Soap and cleaning compound manufacturing	1 387	1 535	48 428	2 208 259	28 533	57 416	1 134 529	18 077 324	12 702 841	30 827 670	1 373 217
325611	Soap and other detergent manufacturing	699	761	23 296	1 082 284	14 753	29 199	614 365	10 286 490	6 312 002	16 622 184	668 768
325612	Polish and other sanitation good manufacturing	561	604	17 700	747 929	10 295	20 664	336 459	5 897 284	2 872 144	8 780 796	173 304
325613	Surface active agent manufacturing	142	170	7 432	378 046	3 485	7 553	183 705	1 893 550	3 518 695	5 424 690	531 145
32562	Toilet preparation manufacturing	764	867	67 317	2 754 524	42 846	82 889	1 366 043	22 696 868	10 478 304	33 202 372	691 993
325620	Toilet preparation manufacturing	764	867	67 317	2 754 524	42 846	82 889	1 366 043	22 696 868	10 478 304	33 202 372	691 993
3259	Other chemical product and preparation manufacturing	2 311	2 938	109 239	5 254 375	65 391	131 565	2 567 514	20 294 692	18 870 316	39 219 003	1 309 982
32591	Printing ink manufacturing	230	503	12 576	597 177	6 887	14 082	276 932	2 045 389	2 381 007	4 409 063	102 422
325910	Printing ink manufacturing	230	503	12 576	597 177	6 887	14 082	276 932	2 045 389	2 381 007	4 409 063	102 422
32592	Explosives manufacturing	57	87	5 721	231 263	4 153	7 679	138 587	600 090	414 775	1 027 797	24 990
325920	Explosives manufacturing	57	87	5 721	231 263	4 153	7 679	138 587	600 090	414 775	1 027 797	24 990
32599	All other chemical product and preparation manufacturing	2 034	2 348	90 942	4 425 935	54 351	109 804	2 151 995	17 649 213	16 074 534	33 782 143	1 182 570
325991	Custom compounding of purchased resins ..	654	749	21 992	925 286	14 377	29 580	497 725	3 099 754	4 408 112	7 442 219	235 967
325992	Photographic film, paper, plate, and chemical manufacturing	381	411	32 602	1 834 698	17 883	36 224	797 621	7 246 785	5 523 203	12 935 267	422 491
325998	All other miscellaneous chemical product and preparation manufacturing	1 020	1 188	36 348	1 665 951	22 091	44 000	856 649	7 302 674	6 143 219	13 404 657	524 112
326	Plastics and rubber products manufacturing	12 286	15 529	983 757	32 619 736	766 130	1 516 936	21 840 259	92 462 047	82 058 469	174 369 289	7 415 155
3261	Plastics product manufacturing	10 458	13 087	802 239	25 765 784	624 063	1 230 834	16 960 339	75 188 587	66 354 855	141 387 916	6 311 343
32611	Plastics packaging materials and unlaminated film and sheet manufacturing ...	1 280	1 607	113 965	4 304 922	88 269	178 121	2 882 143	13 913 022	14 285 422	28 185 043	1 280 142
326111	Plastics bag manufacturing	376	447	34 500	1 160 762	27 630	56 889	804 748	3 805 903	3 649 888	7 440 906	316 520
326112	Plastics packaging film and sheet (including laminated) manufacturing	211	279	24 301	1 010 819	19 121	40 119	713 777	3 202 695	3 242 509	6 456 493	256 461

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
326	Plastics and rubber products manufacturing—Con.											
3261	Plastics product manufacturing—Con.											
32611	Plastics packaging materials and unlaminated film and sheet manufacturing—Con.											
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	743	881	55 164	2 133 341	41 518	81 113	1 363 618	6 904 424	7 393 025	14 287 644	707 161
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing . . .	859	1 111	51 966	1 751 279	40 312	79 232	1 160 607	5 206 285	5 630 589	10 857 157	539 688
326121	Unlaminated plastics profile shape manufacturing	555	670	30 396	1 061 862	23 363	45 780	694 928	2 973 026	2 437 772	5 393 216	291 707
326122	Plastics pipe and pipe fitting manufacturing . .	311	441	21 570	689 417	16 949	33 452	465 679	2 233 259	3 192 817	5 463 941	247 981
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	280	293	11 854	441 585	9 118	17 689	311 449	1 195 299	1 080 792	2 278 190	75 598
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing .	280	293	11 854	441 585	9 118	17 689	311 449	1 195 299	1 080 792	2 278 190	75 598
32614	Polystyrene foam product manufacturing	393	552	33 196	1 002 769	26 018	51 682	689 364	3 573 161	2 856 432	6 412 465	270 644
326140	Polystyrene foam product manufacturing	393	552	33 196	1 002 769	26 018	51 682	689 364	3 573 161	2 856 432	6 412 465	270 644
32615	Urethane and other foam product (except polystyrene) manufacturing	422	627	34 165	1 055 857	26 555	50 648	668 419	3 290 511	3 716 962	6 999 827	182 967
326150	Urethane and other foam product (except polystyrene) manufacturing	422	627	34 165	1 055 857	26 555	50 648	668 419	3 290 511	3 716 962	6 999 827	182 967
32616	Plastics bottle manufacturing	184	404	34 138	1 139 231	29 310	58 214	909 416	3 891 822	4 125 035	7 955 134	521 685
326160	Plastics bottle manufacturing	184	404	34 138	1 139 231	29 310	58 214	909 416	3 891 822	4 125 035	7 955 134	521 685
32619	Other plastics product manufacturing	7 283	8 493	522 955	16 070 141	404 481	795 248	10 338 941	44 118 487	34 659 623	78 700 100	3 440 619
326191	Plastics plumbing fixture manufacturing .	505	544	25 029	680 938	19 020	36 557	430 561	1 840 160	1 324 628	3 156 529	87 871
326192	Resilient floor covering manufacturing	48	57	5 496	231 756	4 082	8 105	149 268	851 945	781 373	1 642 382	36 270
326199	All other plastics product manufacturing	6 746	7 892	492 430	15 157 447	381 379	750 586	9 759 112	41 426 382	32 553 622	73 901 189	3 316 478
3262	Rubber product manufacturing	1 907	2 442	181 518	6 853 952	142 067	286 102	4 879 920	17 273 460	15 703 614	32 981 373	1 103 812
32621	Tire manufacturing	544	755	69 075	3 147 950	55 630	113 043	2 435 049	7 665 513	7 053 234	14 724 585	527 521
326211	Tire manufacturing (except retreading) . .	111	160	61 142	2 908 778	50 663	102 991	2 302 898	7 176 701	6 266 580	13 460 087	489 050
326212	Tire retreading	440	595	7 933	239 172	4 967	10 052	132 151	488 812	786 654	1 264 498	38 471
32622	Rubber and plastics hoses and belting manufacturing	188	264	23 709	801 676	18 202	36 217	531 922	2 134 359	1 929 857	4 067 782	129 105
326220	Rubber and plastics hoses and belting manufacturing	188	264	23 709	801 676	18 202	36 217	531 922	2 134 359	1 929 857	4 067 782	129 105
32629	Other rubber product manufacturing	1 203	1 423	88 734	2 904 326	68 235	136 842	1 912 949	7 473 588	6 720 523	14 189 006	447 186
326291	Rubber product manufacturing for mechanical use	494	603	51 753	1 696 961	40 732	82 471	1 161 114	4 255 416	3 234 370	7 485 212	252 266
326299	All other rubber product manufacturing	730	820	36 981	1 207 365	27 503	54 371	751 835	3 218 172	3 486 153	6 703 794	194 920
327	Nonmetallic mineral product manufacturing	11 519	16 706	483 161	17 929 311	375 205	765 922	12 533 416	54 864 987	40 559 687	95 261 480	5 202 327
3271	Clay product and refractory manufacturing	1 424	1 641	60 691	2 038 328	47 859	97 307	1 403 272	5 466 353	2 905 017	8 315 754	361 615
32711	Pottery, ceramics, and plumbing fixture manufacturing	910	948	29 699	970 079	23 554	47 992	663 379	2 215 769	1 126 638	3 329 011	110 447
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	37	50	8 054	282 537	6 717	14 010	220 410	835 905	309 810	1 136 525	25 191
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	754	760	12 933	346 513	10 360	20 325	240 831	651 468	382 108	1 039 254	33 332
327113	Porcelain electrical supply manufacturing .	122	138	8 712	341 029	6 477	13 657	202 138	728 396	434 720	1 153 232	51 924
32712	Clay building material and refractories manufacturing	520	693	30 992	1 068 249	24 305	49 315	739 893	3 250 584	1 778 379	4 986 743	251 168
327121	Brick and structural clay tile manufacturing	105	200	13 201	429 744	10 783	22 034	314 435	1 388 100	511 445	1 853 360	143 067

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
327	Nonmetallic mineral product manufacturing—Con.											
3271	Clay product and refractory manufacturing—Con.											
32712	Clay building material and refractories manufacturing—Con.											
327122	Ceramic wall and floor tile manufacturing	188	203	6 482	202 466	5 316	10 604	146 732	659 874	320 685	978 394	33 756
327123	Other structural clay product manufacturing	47	50	1 635	53 976	1 271	2 668	37 964	139 580	58 908	195 812	16 669
327124	Clay refractory manufacturing	112	134	4 326	163 143	3 192	6 425	107 878	442 516	424 692	871 428	26 268
327125	Nonclay refractory manufacturing	86	106	5 348	218 920	3 743	7 584	132 884	620 514	462 649	1 087 749	31 408
3272	Glass and glass product manufacturing	1 960	2 270	115 532	4 400 391	93 235	188 601	3 204 501	13 086 419	9 282 803	22 434 247	1 094 963
32721	Glass and glass product manufacturing	1 960	2 270	115 532	4 400 391	93 235	188 601	3 204 501	13 086 419	9 282 803	22 434 247	1 094 963
327211	Flat glass manufacturing	13	36	10 683	469 781	8 673	17 931	351 418	1 678 192	1 052 028	2 750 510	156 944
327212	Other pressed and blown glass and glassware manufacturing	479	527	27 814	1 087 129	22 875	46 389	815 332	3 055 589	1 583 549	4 725 931	300 061
327213	Glass container manufacturing	22	66	16 102	760 453	13 998	29 344	636 999	2 726 755	1 632 380	4 359 939	273 468
327215	Glass product manufacturing made of purchased glass . . .	1 468	1 641	60 933	2 083 028	47 689	94 937	1 400 752	5 625 883	5 014 846	10 597 867	364 490
3273	Cement and concrete product manufacturing	5 431	9 442	218 468	8 021 675	167 308	342 556	5 585 058	24 488 964	20 306 649	44 681 489	2 851 866
32731	Cement manufacturing . . .	131	247	17 660	890 528	13 178	28 329	614 252	4 542 435	2 921 196	7 407 574	1 300 842
327310	Cement manufacturing	131	247	17 660	890 528	13 178	28 329	614 252	4 542 435	2 921 196	7 407 574	1 300 842
32732	Ready-mix concrete manufacturing	2 614	5 589	98 995	3 669 077	79 843	161 083	2 810 677	10 300 815	11 312 899	21 601 732	895 125
327320	Ready-mix concrete manufacturing	2 614	5 589	98 995	3 669 077	79 843	161 083	2 810 677	10 300 815	11 312 899	21 601 732	895 125
32733	Concrete pipe, brick, and block manufacturing	838	1 313	35 620	1 293 865	24 927	53 616	786 081	3 989 515	2 744 033	6 694 104	291 552
327331	Concrete block and brick manufacturing . . .	636	910	20 037	761 657	12 790	27 495	425 615	2 278 800	1 865 449	4 111 639	190 511
327332	Concrete pipe manufacturing	214	403	15 583	532 208	12 137	26 121	360 466	1 710 715	878 584	2 582 465	101 041
32739	Other concrete product manufacturing	1 995	2 293	66 193	2 168 205	49 360	99 528	1 374 048	5 656 199	3 328 521	8 978 079	364 347
327390	Other concrete product manufacturing	1 995	2 293	66 193	2 168 205	49 360	99 528	1 374 048	5 656 199	3 328 521	8 978 079	364 347
3274	Lime and gypsum product manufacturing	261	385	15 899	682 566	12 658	28 037	514 291	2 508 100	2 565 966	5 073 327	202 141
32741	Lime manufacturing	41	77	3 914	172 619	2 985	6 822	127 196	578 982	437 107	1 015 520	42 939
327410	Lime manufacturing	41	77	3 914	172 619	2 985	6 822	127 196	578 982	437 107	1 015 520	42 939
32742	Gypsum product manufacturing	220	308	11 985	509 947	9 673	21 215	387 095	1 929 118	2 128 859	4 057 807	159 202
327420	Gypsum product manufacturing	220	308	11 985	509 947	9 673	21 215	387 095	1 929 118	2 128 859	4 057 807	159 202
3279	Other nonmetallic mineral product manufacturing	2 555	2 968	72 571	2 786 351	54 145	109 421	1 826 294	9 315 151	5 499 252	14 756 663	691 742
32791	Abrasive product manufacturing	312	363	16 904	686 273	11 724	23 645	364 729	2 370 817	1 228 630	3 576 670	94 940
327910	Abrasive product manufacturing	312	363	16 904	686 273	11 724	23 645	364 729	2 370 817	1 228 630	3 576 670	94 940
32799	All other nonmetallic mineral product manufacturing	2 250	2 605	55 667	2 100 078	42 421	85 776	1 461 565	6 944 334	4 270 622	11 179 993	596 802
327991	Cut stone and stone product manufacturing	1 525	1 557	20 671	689 312	16 188	31 960	493 286	1 540 596	736 902	2 263 340	88 119
327992	Ground or treated mineral and earth manufacturing	185	292	6 838	278 821	4 646	9 511	172 863	1 409 583	666 417	2 065 017	85 812
327993	Mineral wool manufacturing	197	302	19 265	813 169	15 752	32 760	619 942	2 960 812	1 971 588	4 920 449	364 441
327999	All other miscellaneous nonmetallic mineral product manufacturing	358	454	8 893	318 776	5 835	11 545	175 474	1 033 343	895 715	1 931 187	58 430
331	Primary metal manufacturing .	4 146	5 194	490 417	21 399 636	383 241	795 901	15 427 168	57 077 697	82 123 176	139 343 112	4 276 637
3311	Iron and steel mills and ferroalloy manufacturing . .	293	401	119 349	6 274 948	93 348	195 516	4 746 373	18 533 420	28 412 044	47 040 728	1 332 540
33111	Iron and steel mills and ferroalloy manufacturing	293	401	119 349	6 274 948	93 348	195 516	4 746 373	18 533 420	28 412 044	47 040 728	1 332 540
331111	Iron and steel mills	276	379	117 016	6 159 521	91 615	191 747	4 667 237	18 270 184	27 884 467	46 221 417	1 313 250
331112	Electrometallurgical ferroalloy product manufacturing	19	22	2 333	115 427	1 733	3 769	79 136	263 236	527 577	819 311	19 290
3312	Steel product manufacturing from purchased steel	514	668	52 636	2 150 742	40 942	86 246	1 522 975	5 718 214	9 459 367	15 150 255	410 720

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
331	Primary metal manufacturing—Con.											
3312	Steel product manufacturing from purchased steel—Con.											
33121	Iron and steel pipe and tube manufacturing from purchased steel	135	183	21 858	883 794	16 869	36 347	619 372	2 405 610	3 823 562	6 240 489	205 461
331210	Iron and steel pipe and tube manufacturing from purchased steel	135	183	21 858	883 794	16 869	36 347	619 372	2 405 610	3 823 562	6 240 489	205 461
33122	Rolling and drawing of purchased steel	383	485	30 778	1 266 948	24 073	49 899	903 603	3 312 604	5 635 805	8 909 766	205 259
331221	Rolled steel shape manufacturing	121	147	12 202	594 173	8 900	18 295	397 701	1 739 808	3 301 398	5 004 079	109 152
331222	Steel wire drawing	270	338	18 576	672 775	15 173	31 604	505 902	1 572 796	2 334 407	3 905 687	96 107
3313	Alumina and aluminum production and processing	436	590	70 698	3 117 315	53 958	113 792	2 157 080	9 408 417	18 924 669	28 262 020	709 699
33131	Alumina and aluminum production and processing	436	590	70 698	3 117 315	53 958	113 792	2 157 080	9 408 417	18 924 669	28 262 020	709 699
331311	Alumina refining	8	10	1 554	89 451	1 149	2 633	60 510	260 084	576 901	830 110	19 890
331312	Primary aluminum production	26	40	12 197	630 139	9 341	19 242	465 738	1 776 932	2 890 663	4 748 435	149 139
331314	Secondary smelting and alloying of aluminum	125	148	5 942	256 131	4 299	9 294	162 757	744 154	2 940 681	3 705 681	67 243
331315	Aluminum sheet, plate, and foil manufacturing	78	103	19 362	1 009 869	14 365	31 339	698 570	3 882 843	8 266 367	11 964 636	294 753
331316	Aluminum extruded product manufacturing	134	194	27 511	988 623	21 632	44 907	674 632	2 326 038	3 402 514	5 735 620	153 498
331319	Other aluminum rolling and drawing	89	95	4 132	143 102	3 172	6 377	94 873	418 366	847 543	1 277 538	25 176
3314	Nonferrous metal (except aluminum) production and processing	821	1 023	67 270	2 865 324	48 396	99 497	1 810 719	7 993 876	14 109 954	22 252 493	661 085
33141	Nonferrous metal (except aluminum) smelting and refining	165	187	10 522	484 791	7 228	15 078	296 716	1 774 871	3 163 876	4 980 667	230 569
331411	Primary smelting and refining of copper	11	15	2 674	110 798	2 171	4 448	84 446	787 423	1 772 030	2 615 252	D
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	155	172	7 848	373 993	5 057	10 630	212 270	987 448	1 391 846	2 365 415	D
33142	Copper rolling, drawing, extruding, and alloying ..	193	278	29 578	1 199 547	22 263	45 627	782 413	3 088 545	6 967 557	10 084 030	225 981
331421	Copper rolling, drawing, and extruding	92	137	16 417	669 516	13 009	26 624	478 488	1 623 280	4 699 041	6 304 396	156 957
331422	Copper wire (except mechanical) drawing ..	80	110	11 716	463 026	8 427	17 165	272 100	1 314 705	1 809 508	3 168 696	59 107
331423	Secondary smelting, refining, and alloying of copper	30	31	1 445	67 005	827	1 838	31 825	150 560	459 008	610 938	9 917
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying ..	491	558	27 170	1 180 986	18 905	38 792	731 590	3 130 460	3 978 521	7 187 796	204 535
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	290	323	17 501	771 906	12 090	24 776	469 394	2 038 009	2 446 310	4 500 921	141 459
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	213	235	9 669	409 080	6 815	14 016	262 196	1 092 451	1 532 211	2 686 875	63 076
3315	Foundries	2 209	2 512	180 464	6 991 307	146 597	300 850	5 190 021	15 423 770	11 217 142	26 637 616	1 162 593
33151	Ferrous metal foundries ..	875	1 015	99 926	4 123 321	81 065	166 195	3 093 885	8 797 300	6 246 700	15 036 723	776 148
331511	Iron foundries	531	621	66 590	2 921 185	55 063	113 868	2 251 862	5 931 467	4 403 133	10 305 694	636 599
331512	Steel investment foundries	132	146	16 505	571 464	12 886	25 472	399 628	1 408 557	677 226	2 105 278	81 869
331513	Steel foundries (except investment)	230	248	16 831	630 672	13 116	26 855	442 395	1 457 276	1 166 341	2 625 751	57 680
33152	Nonferrous metal foundries	1 363	1 497	80 538	2 867 986	65 532	134 655	2 096 136	6 626 470	4 970 442	11 600 893	386 445
331521	Aluminum die-casting foundries	256	296	26 361	1 017 142	21 774	46 759	784 389	2 293 578	2 114 286	4 402 867	171 571
331522	Nonferrous (except aluminum) die-casting foundries	219	239	15 111	500 338	12 123	23 405	344 082	1 232 495	776 346	2 017 245	60 941
331524	Aluminum foundries (except die-casting) ..	506	539	28 263	970 307	22 905	47 230	697 823	2 196 413	1 582 362	3 770 785	114 487
331525	Copper foundries (except die-casting) ..	279	280	6 795	208 545	5 602	11 048	147 517	455 816	255 694	713 325	24 141
331528	Other nonferrous foundries (except die-casting)	139	143	4 008	171 654	3 128	6 213	122 325	448 168	241 754	696 671	15 305
332	Fabricated metal product manufacturing	58 017	62 219	1 574 827	57 534 861	1 169 237	2 321 664	36 607 657	138 971 958	108 101 159	247 059 502	7 964 345

See footnotes at end of table.

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NAICS code	Industry	Companies ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ⁴ (\$1,000)	Total capital expenditures (\$1,000)
				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332	Fabricated metal product manufacturing—Con.											
3321	Forging and stamping	2 627	2 885	127 789	4 824 163	95 958	193 701	3 081 007	10 677 342	10 671 433	21 374 109	764 074
33211	Forging and stamping ...	2 627	2 885	127 789	4 824 163	95 958	193 701	3 081 007	10 677 342	10 671 433	21 374 109	764 074
332111	Iron and steel forging ..	342	377	22 087	894 106	16 345	32 799	593 074	1 976 572	2 329 570	4 335 585	132 844
332112	Nonferrous forging	64	71	9 719	415 098	7 000	14 430	254 135	858 507	939 677	1 805 260	100 936
332114	Custom roll forming ...	372	446	17 391	644 652	13 011	26 926	407 880	1 765 957	2 320 062	4 068 186	105 165
332115	Crown and closure manufacturing	54	64	3 521	145 319	2 901	5 704	106 890	330 007	585 983	907 968	55 168
332116	Metal stamping	1 698	1 789	65 969	2 400 015	49 777	100 141	1 505 025	5 024 479	3 974 671	8 998 603	307 881
332117	Powder metallurgy part manufacturing	119	138	9 102	324 973	6 924	13 701	214 003	721 820	521 470	1 258 507	62 080
3322	Cutlery and handtool manufacturing	1 398	1 536	62 350	2 327 355	45 457	89 760	1 383 709	6 580 862	4 171 990	10 721 361	311 117
33221	Cutlery and handtool manufacturing	1 398	1 536	62 350	2 327 355	45 457	89 760	1 383 709	6 580 862	4 171 990	10 721 361	311 117
332211	Cutlery and flatware (except precious) manufacturing	124	128	7 157	315 270	5 398	10 681	194 994	1 134 103	696 563	1 805 064	77 481
332212	Hand and edge tool manufacturing	1 077	1 178	42 310	1 514 292	30 967	61 091	909 482	3 756 558	2 282 436	6 031 258	162 958
332213	Saw blade and handsaw manufacturing	139	150	6 868	280 858	4 616	9 673	144 729	877 704	454 603	1 331 892	42 300
332214	Kitchen utensil, pot, and pan manufacturing	72	80	6 015	216 935	4 476	8 315	134 504	812 497	738 388	1 553 147	28 378
3323	Architectural and structural metals manufacturing	12 731	13 642	387 241	13 467 991	278 097	550 610	8 202 526	31 217 241	28 862 133	60 045 498	1 627 545
33231	Plate work and fabricated structural product manufacturing	5 227	5 566	163 060	6 023 618	114 996	230 967	3 659 025	14 175 864	14 048 349	28 140 568	773 532
332311	Prefabricated metal building and component manufacturing	679	758	28 385	937 513	18 681	37 110	515 036	2 503 403	2 710 938	5 213 612	94 999
332312	Fabricated structural metal manufacturing ..	3 561	3 781	109 172	4 162 346	77 514	155 451	2 542 226	9 954 266	9 881 819	19 715 238	558 950
332313	Plate work manufacturing	1 008	1 027	25 503	923 759	18 801	38 406	601 763	1 718 195	1 455 592	3 211 718	119 583
33232	Ornamental and architectural metal products manufacturing ..	7 556	8 076	224 181	7 444 373	163 101	319 643	4 543 501	17 041 377	14 813 784	31 904 930	854 013
332321	Metal window and door manufacturing	1 156	1 322	73 378	2 273 541	52 828	104 966	1 342 201	5 473 997	5 702 337	11 210 134	261 363
332322	Sheet metal work manufacturing	4 142	4 416	113 666	3 868 471	83 794	164 520	2 441 767	8 457 952	6 896 059	15 338 818	446 730
332323	Ornamental and architectural metal work manufacturing ..	2 290	2 338	37 137	1 302 361	26 479	50 157	759 533	3 109 428	2 215 388	5 355 978	145 920
3324	Boiler, tank, and shipping container manufacturing ..	1 321	1 619	91 354	3 684 199	68 993	142 708	2 466 664	10 530 697	12 777 491	23 297 854	546 527
33241	Power boiler and heat exchanger manufacturing	292	330	21 686	912 645	14 730	30 593	524 445	2 264 883	1 661 927	3 859 596	132 707
332410	Power boiler and heat exchanger manufacturing	292	330	21 686	912 645	14 730	30 593	524 445	2 264 883	1 661 927	3 859 596	132 707
33242	Metal tank (heavy gauge) manufacturing	595	666	31 070	1 187 909	22 774	45 384	761 050	2 613 656	2 163 103	4 795 601	98 277
332420	Metal tank (heavy gauge) manufacturing	595	666	31 070	1 187 909	22 774	45 384	761 050	2 613 656	2 163 103	4 795 601	98 277
33243	Metal can, box, and other metal container (light gauge) manufacturing ..	449	623	38 598	1 583 645	31 489	66 731	1 181 169	5 652 158	8 952 461	14 642 657	315 543
332431	Metal can manufacturing	82	209	20 329	961 467	17 150	36 810	757 439	4 167 137	7 276 863	11 480 005	252 151
332439	Other metal container manufacturing	373	414	18 269	622 178	14 339	29 921	423 730	1 485 021	1 675 598	3 162 652	63 392
3325	Hardware manufacturing...	810	902	60 986	2 081 612	46 423	91 703	1 292 945	6 029 397	4 371 866	10 406 332	261 189
33251	Hardware manufacturing ..	810	902	60 986	2 081 612	46 423	91 703	1 292 945	6 029 397	4 371 866	10 406 332	261 189
332510	Hardware manufacturing	810	902	60 986	2 081 612	46 423	91 703	1 292 945	6 029 397	4 371 866	10 406 332	261 189
3326	Spring and wire product manufacturing	1 967	2 147	63 179	2 021 589	49 205	97 789	1 316 327	5 056 780	3 978 118	9 034 790	261 660
33261	Spring and wire product manufacturing	1 967	2 147	63 179	2 021 589	49 205	97 789	1 316 327	5 056 780	3 978 118	9 034 790	261 660
332611	Spring (heavy gauge) manufacturing	113	117	4 050	155 767	2 840	5 730	91 169	374 015	355 121	728 378	19 124
332612	Spring (light gauge) manufacturing	283	358	16 815	553 838	13 411	26 043	387 238	1 420 139	1 000 981	2 426 515	86 193
332618	Other fabricated wire product manufacturing	1 577	1 672	42 314	1 311 984	32 954	66 016	837 920	3 262 626	2 622 016	5 879 897	156 343
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing ...	25 782	26 247	361 473	13 588 455	273 574	538 698	9 100 142	28 188 124	14 671 000	42 840 431	2 039 249
33271	Machine shops	22 177	22 398	240 397	8 980 992	180 816	349 163	5 978 852	17 819 596	8 531 120	26 332 674	1 226 193
332710	Machine shops	22 177	22 398	240 397	8 980 992	180 816	349 163	5 978 852	17 819 596	8 531 120	26 332 674	1 226 193

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332	Fabricated metal product manufacturing—Con.											
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing—Con.											
33272	Turned product and screw, nut, and bolt manufacturing	3 641	3 849	121 076	4 607 463	92 758	189 535	3 121 290	10 368 528	6 139 880	16 507 757	813 056
332721	Precision turned product manufacturing	2 825	2 885	76 121	2 805 418	59 232	119 723	1 958 749	5 918 545	2 800 437	8 717 999	533 188
332722	Bolt, nut, screw, rivet, and washer manufacturing	836	964	44 955	1 802 045	33 526	69 812	1 162 541	4 449 983	3 339 443	7 789 758	279 868
3328	Coating, engraving, heat treating, and allied activities	5 790	6 353	138 212	4 690 769	106 884	210 735	3 113 388	11 143 706	7 855 407	18 931 939	687 846
33281	Coating, engraving, heat treating, and allied activities	5 790	6 353	138 212	4 690 769	106 884	210 735	3 113 388	11 143 706	7 855 407	18 931 939	687 846
332811	Metal heat treating	657	795	20 572	802 486	15 254	31 839	531 496	2 188 928	1 339 473	3 469 081	261 788
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	2 251	2 492	56 173	1 946 406	43 535	84 051	1 304 874	5 089 461	4 716 389	9 823 387	242 733
332813	Electroplating, plating, polishing, anodizing, and coloring	2 932	3 066	61 467	1 941 877	48 095	94 845	1 277 018	3 865 317	1 799 545	5 639 471	183 325
3329	Other fabricated metal product manufacturing	6 320	6 888	282 243	10 848 728	204 646	405 960	6 650 949	29 547 809	20 741 721	50 407 188	1 465 138
33291	Metal valve manufacturing	1 069	1 319	109 365	4 312 254	75 133	150 554	2 438 277	12 454 935	8 994 751	21 534 920	556 019
332911	Industrial valve manufacturing	394	505	45 248	1 873 286	29 276	59 441	989 272	5 296 751	3 625 749	8 926 462	233 652
332912	Fluid power valve and hose fitting manufacturing	333	399	33 888	1 387 598	23 590	46 988	807 633	3 891 712	2 441 298	6 383 170	166 182
332913	Plumbing fixture fitting and trim manufacturing	135	153	13 961	480 264	10 463	21 058	298 367	1 754 278	1 743 989	3 526 844	67 559
332919	Other metal valve and pipe fitting manufacturing	239	262	16 268	571 106	11 804	23 067	343 005	1 512 194	1 183 715	2 698 444	88 626
33299	All other fabricated metal product manufacturing ..	5 295	5 569	172 878	6 536 474	129 513	255 406	4 212 672	17 092 874	11 746 970	28 872 268	909 119
332991	Ball and roller bearing manufacturing	123	195	29 128	1 201 161	24 035	47 685	907 756	3 495 553	2 178 826	5 708 773	210 820
332992	Small arms ammunition manufacturing	109	111	6 740	269 205	5 244	10 962	194 921	756 249	387 578	1 099 908	16 827
332993	Ammunition (except small arms) manufacturing	49	54	6 925	299 663	3 740	6 756	118 371	839 467	347 690	1 190 077	26 293
332994	Small arms manufacturing	178	185	9 902	396 727	7 509	15 061	236 713	1 105 510	440 628	1 559 049	49 086
332995	Other ordnance and accessories manufacturing	58	63	5 116	287 922	2 035	4 071	81 920	807 797	433 456	1 215 210	18 272
332996	Fabricated pipe and pipe fitting manufacturing	729	786	26 140	881 028	20 185	39 667	586 925	2 074 879	1 725 841	3 821 863	101 147
332997	Industrial pattern manufacturing	534	538	5 365	229 460	4 336	8 389	174 942	403 299	138 627	538 783	24 872
332998	Enameled iron and metal sanitary ware manufacturing	74	80	6 899	259 478	5 314	10 762	176 077	833 811	549 106	1 402 041	38 913
332999	All other miscellaneous fabricated metal product manufacturing	3 464	3 557	76 663	2 711 830	57 115	112 053	1 735 047	6 776 309	5 545 218	12 336 564	422 889
333	Machinery manufacturing	25 533	28 306	1 172 889	49 838 051	736 026	1 441 255	25 467 857	128 502 197	122 795 543	252 476 407	6 644 928
3331	Agriculture, construction, and mining machinery manufacturing	2 667	2 977	170 179	7 039 599	113 716	226 812	3 966 160	20 591 992	27 343 288	48 278 197	1 108 225
33311	Agricultural implement manufacturing	1 264	1 361	75 123	2 780 231	54 592	109 286	1 717 730	9 296 431	12 108 321	21 532 179	517 209
333111	Farm machinery and equipment manufacturing	1 142	1 215	53 088	2 100 152	36 985	74 189	1 273 810	6 948 740	7 705 160	14 695 197	343 325
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	129	146	22 035	680 079	17 607	35 097	443 920	2 347 691	4 403 161	6 836 982	173 884
33312	Construction machinery manufacturing	716	804	57 368	2 536 032	36 191	71 029	1 387 429	7 662 230	11 316 158	19 259 904	363 895
333120	Construction machinery manufacturing	716	804	57 368	2 536 032	36 191	71 029	1 387 429	7 662 230	11 316 158	19 259 904	363 895
33313	Mining and oil and gas field machinery manufacturing	709	812	37 688	1 723 336	22 933	46 497	861 001	3 633 331	3 918 809	7 486 114	227 121
333131	Mining machinery and equipment manufacturing	246	272	9 867	410 188	6 137	11 935	209 736	880 035	1 017 154	1 907 219	47 371

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333	Machinery manufacturing—Con.											
3331	Agriculture, construction, and mining machinery manufacturing—Con.											
33313	Mining and oil and gas field machinery manufacturing—Con.											
333132	Oil and gas field machinery and equipment manufacturing	469	540	27 821	1 313 148	16 796	34 562	651 265	2 753 296	2 901 655	5 578 895	179 750
3332	Industrial machinery manufacturing	4 144	4 381	158 302	7 710 625	79 289	150 214	2 931 744	15 686 639	13 938 279	29 881 801	1 001 232
33321	Sawmill and woodworking machinery manufacturing	292	303	7 095	271 836	4 325	8 450	134 727	557 962	488 776	1 071 799	25 694
333210	Sawmill and woodworking machinery manufacturing	292	303	7 095	271 836	4 325	8 450	134 727	557 962	488 776	1 071 799	25 694
33322	Plastics and rubber industry machinery manufacturing	536	556	16 468	742 326	8 971	17 423	316 925	1 519 708	1 427 974	3 009 227	60 983
333220	Plastics and rubber industry machinery manufacturing	536	556	16 468	742 326	8 971	17 423	316 925	1 519 708	1 427 974	3 009 227	60 983
33329	Other industrial machinery manufacturing	3 330	3 522	134 739	6 696 463	65 993	124 341	2 480 092	13 608 969	12 021 529	25 800 775	914 555
333291	Paper industry machinery manufacturing	269	291	10 476	517 965	5 468	10 767	214 300	988 058	826 861	1 836 076	33 897
333292	Textile machinery manufacturing	397	410	7 855	296 622	4 781	9 664	141 309	557 330	419 977	985 837	51 367
333293	Printing machinery and equipment manufacturing	472	505	16 317	776 333	8 559	16 106	318 294	1 664 105	1 472 359	3 092 240	59 500
333294	Food product machinery manufacturing	533	554	16 397	758 415	9 325	18 442	340 394	1 682 477	1 276 405	2 945 593	69 626
333295	Semiconductor machinery manufacturing	264	298	38 692	2 372 270	13 981	23 566	621 824	4 566 055	4 508 172	9 159 702	493 346
333298	All other industrial machinery manufacturing	1 416	1 464	45 002	1 974 858	23 879	45 796	843 971	4 150 944	3 517 755	7 781 327	206 819
3333	Commercial and service industry machinery manufacturing	2 223	2 399	102 432	4 282 393	58 207	114 170	1 823 783	11 535 660	9 678 207	21 171 601	603 697
33331	Commercial and service industry machinery manufacturing	2 223	2 399	102 432	4 282 393	58 207	114 170	1 823 783	11 535 660	9 678 207	21 171 601	603 697
333311	Automatic vending machine manufacturing	106	111	8 554	308 246	5 414	10 691	137 448	736 370	891 514	1 626 594	72 270
333312	Commercial laundry, drycleaning, and pressing machine manufacturing	58	60	3 043	108 116	2 096	4 062	62 064	252 449	227 258	484 138	13 586
333313	Office machinery manufacturing	92	104	10 206	451 707	3 933	7 282	127 152	1 441 957	1 106 895	2 567 597	59 827
333314	Optical instrument and lens manufacturing...	425	445	17 462	851 519	10 243	21 421	394 743	1 778 798	1 069 565	2 835 732	128 887
333315	Photographic and photocopying equipment manufacturing	285	302	9 756	401 271	5 590	9 885	167 814	1 037 787	1 102 688	2 139 279	88 940
333319	Other commercial and service industry machinery manufacturing	1 267	1 377	53 411	2 161 534	30 931	60 829	934 562	6 288 299	5 280 287	11 518 261	240 187
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .	1 532	1 848	156 752	5 460 211	113 359	220 448	3 237 436	16 272 661	15 402 422	31 933 185	610 284
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1 532	1 848	156 752	5 460 211	113 359	220 448	3 237 436	16 272 661	15 402 422	31 933 185	610 284
333411	Air purification equipment manufacturing	329	384	15 940	506 351	11 135	22 093	264 964	1 207 251	1 030 907	2 237 198	37 479
333412	Industrial and commercial fan and blower manufacturing	131	157	11 266	408 406	8 143	15 970	248 350	1 042 130	793 435	1 848 864	57 799
333414	Heating equipment (except warm air furnaces) manufacturing	392	416	22 275	759 495	14 295	28 982	373 294	2 247 278	1 717 216	3 982 961	89 165

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
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—Con.											
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	704	891	107 271	3 785 959	79 786	153 403	2 350 828	11 776 002	11 860 864	23 864 162	425 841
3335	Metalworking machinery manufacturing	8 779	9 162	191 746	8 403 530	132 557	264 193	5 133 699	16 140 584	9 082 803	25 442 220	906 481
33351	Metalworking machinery manufacturing	8 779	9 162	191 746	8 403 530	132 557	264 193	5 133 699	16 140 584	9 082 803	25 442 220	906 481
333511	Industrial mold manufacturing	2 405	2 455	46 139	2 011 215	35 045	70 388	1 385 733	3 779 889	1 633 497	5 431 231	268 555
333512	Machine tool (metal cutting types) manufacturing	348	377	18 289	908 668	9 743	19 244	382 020	1 614 494	1 715 322	3 413 155	65 464
333513	Machine tool (metal forming types) manufacturing	173	181	7 383	346 536	4 263	8 549	176 903	650 310	486 509	1 136 662	28 765
333514	Special die and tool, die set, jig, and fixture manufacturing	3 657	3 726	60 556	2 645 225	44 553	88 790	1 769 944	4 817 254	2 163 803	6 983 149	268 014
333515	Cutting tool and machine tool accessory manufacturing	1 804	1 892	40 249	1 563 941	28 009	54 278	962 652	3 440 800	1 621 622	5 097 314	197 699
333516	Rolling mill machinery and equipment manufacturing	72	79	2 726	138 537	1 590	3 494	65 880	249 369	239 148	497 554	17 629
333518	Other metalworking machinery manufacturing	414	452	16 404	789 408	9 354	19 450	390 567	1 588 468	1 222 902	2 883 155	60 355
3336	Engine, turbine, and power transmission equipment manufacturing	752	923	97 313	4 357 992	66 383	130 040	2 556 616	18 955 976	19 373 830	38 463 675	1 076 498
33361	Engine, turbine, and power transmission equipment manufacturing	752	923	97 313	4 357 992	66 383	130 040	2 556 616	18 955 976	19 373 830	38 463 675	1 076 498
333611	Turbine and turbine generator set units manufacturing	93	112	19 486	1 004 848	11 579	23 420	564 440	9 287 752	5 598 822	14 966 426	202 739
333612	Speed changer, industrial high-speed drive, and gear manufacturing	210	241	13 237	547 444	9 200	17 608	327 774	1 260 881	761 649	2 036 388	59 519
333613	Mechanical power transmission equipment manufacturing	203	252	16 395	657 830	11 547	23 462	402 077	1 651 382	1 110 378	2 781 377	85 529
333618	Other engine equipment manufacturing	267	318	48 195	2 147 870	34 057	65 550	1 262 325	6 755 961	11 902 981	18 679 484	728 711
3339	Other general purpose machinery manufacturing	5 898	6 616	296 165	12 583 701	172 515	335 378	5 818 419	29 318 685	27 976 714	57 305 728	1 338 511
33391	Pump and compressor manufacturing	681	837	56 035	2 468 645	31 006	60 559	1 083 758	6 213 179	6 531 530	12 732 251	247 054
333911	Pump and pumping equipment manufacturing	399	489	32 124	1 401 053	18 369	36 208	646 012	3 611 304	3 406 521	7 045 761	148 602
333912	Air and gas compressor manufacturing	273	315	19 863	890 902	10 470	20 230	368 156	2 144 884	2 661 448	4 753 560	84 401
333913	Measuring and dispensing pump manufacturing	29	33	4 048	176 690	2 167	4 121	69 590	456 991	463 561	932 930	14 051
33392	Material handling equipment manufacturing	1 619	1 787	81 709	3 311 076	49 366	98 115	1 639 765	6 937 204	8 619 969	15 642 307	355 108
333921	Elevator and moving stairway manufacturing	167	184	8 988	347 054	5 865	11 808	185 749	918 607	1 022 054	1 944 521	70 400
333922	Conveyor and conveying equipment manufacturing	793	836	34 139	1 475 487	18 384	36 717	637 393	3 075 436	2 782 650	5 880 276	140 452
333923	Overhead traveling crane, hoist, and monorail system manufacturing	274	342	16 321	621 979	10 626	19 633	333 385	1 206 932	1 809 362	3 068 903	44 314
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	400	425	22 261	866 556	14 491	29 957	483 238	1 736 229	3 005 903	4 748 607	99 942

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333	Machinery manufacturing—Con.											
3339	Other general purpose machinery manufacturing—Con.											
33399	All other general purpose machinery manufacturing	3 662	3 992	158 421	6 803 980	92 143	176 704	3 094 896	16 168 302	12 825 215	28 931 170	736 349
333991	Power-driven handtool manufacturing	110	128	12 101	436 726	8 913	16 725	255 407	1 776 146	1 864 737	3 649 117	59 367
333992	Welding and soldering equipment manufacturing	203	231	16 128	794 067	9 182	17 518	389 817	2 010 476	1 870 971	3 799 582	79 997
333993	Packaging machinery manufacturing	625	662	24 753	1 169 062	11 828	23 768	453 033	2 445 108	1 761 413	4 227 241	81 767
333994	Industrial process furnace and oven manufacturing	332	358	11 693	479 830	6 735	13 231	207 184	947 782	700 588	1 658 068	37 242
333995	Fluid power cylinder and actuator manufacturing	257	304	19 024	798 820	12 038	23 565	416 335	1 827 490	1 253 961	3 116 909	130 692
333996	Fluid power pump and motor manufacturing .	141	173	12 975	570 053	8 475	17 162	313 989	1 374 847	1 185 586	2 552 023	71 327
333997	Scale and balance (except laboratory) manufacturing	105	113	4 297	170 744	2 397	4 696	73 331	372 072	308 748	692 467	11 998
333999	All other miscellaneous general purpose machinery manufacturing	1 929	2 023	57 450	2 384 678	32 575	60 039	985 800	5 414 381	3 879 211	9 235 763	263 959
334	Computer and electronic product manufacturing	13 917	15 910	1 262 063	64 562 501	592 813	1 161 974	21 084 987	201 376 880	154 508 428	358 414 047	13 683 655
3341	Computer and peripheral equipment manufacturing .	1 516	1 603	150 751	8 266 662	49 249	96 555	1 906 762	34 416 470	39 094 457	73 677 620	2 413 154
33411	Computer and peripheral equipment manufacturing	1 516	1 603	150 751	8 266 662	49 249	96 555	1 906 762	34 416 470	39 094 457	73 677 620	2 413 154
334111	Electronic computer manufacturing	466	489	62 253	3 274 317	18 404	36 813	741 086	20 948 776	26 593 267	47 728 633	1 320 312
334112	Computer storage device manufacturing.	156	171	26 308	1 590 038	10 054	20 299	371 313	4 727 099	4 738 695	9 423 055	485 663
334113	Computer terminal manufacturing	70	71	2 109	84 420	953	2 048	29 814	235 979	167 184	407 507	14 990
334119	Other computer peripheral equipment manufacturing	837	872	60 081	3 317 887	19 838	37 395	764 549	8 504 616	7 595 311	16 118 425	592 189
3342	Communications equipment manufacturing	1 823	2 063	190 766	10 305 464	71 844	136 119	2 566 250	32 386 471	32 092 674	64 987 314	1 657 641
33421	Telephone apparatus manufacturing	455	522	64 518	3 743 130	18 632	35 232	728 295	14 556 730	11 726 644	27 274 825	672 572
334210	Telephone apparatus manufacturing	455	522	64 518	3 743 130	18 632	35 232	728 295	14 556 730	11 726 644	27 274 825	672 572
33422	Radio and television broadcasting and wireless communications equipment manufacturing	932	1 041	100 659	5 412 636	41 776	78 861	1 500 966	14 569 070	18 057 242	32 181 272	884 010
334220	Radio and television broadcasting and wireless communications equipment manufacturing	932	1 041	100 659	5 412 636	41 776	78 861	1 500 966	14 569 070	18 057 242	32 181 272	884 010
33429	Other communications equipment manufacturing	468	500	25 589	1 149 698	11 436	22 026	336 989	3 260 671	2 308 788	5 531 217	101 059
334290	Other communications equipment manufacturing	468	500	25 589	1 149 698	11 436	22 026	336 989	3 260 671	2 308 788	5 531 217	101 059
3343	Audio and video equipment manufacturing	548	572	26 087	989 995	15 970	32 663	409 021	3 471 242	5 418 314	8 879 264	148 894
33431	Audio and video equipment manufacturing	548	572	26 087	989 995	15 970	32 663	409 021	3 471 242	5 418 314	8 879 264	148 894
334310	Audio and video equipment manufacturing	548	572	26 087	989 995	15 970	32 663	409 021	3 471 242	5 418 314	8 879 264	148 894
3344	Semiconductor and other electronic component manufacturing	4 804	5 450	437 906	19 916 504	258 608	511 556	8 724 061	69 275 113	40 599 149	110 476 817	6 395 609
33441	Semiconductor and other electronic component manufacturing	4 804	5 450	437 906	19 916 504	258 608	511 556	8 724 061	69 275 113	40 599 149	110 476 817	6 395 609
334411	Electron tube manufacturing	92	102	11 341	480 215	8 830	18 612	335 867	899 804	1 502 391	2 428 753	40 984
334412	Bare printed circuit board manufacturing .	889	944	46 927	1 658 373	33 111	65 042	938 694	3 547 706	2 871 860	6 426 484	223 767
334413	Semiconductor and related device manufacturing	906	1 045	169 224	9 808 480	87 437	171 300	3 876 890	44 821 064	16 545 638	61 471 483	4 783 135
334414	Electronic capacitor manufacturing	84	104	10 937	383 510	7 272	14 222	185 762	734 069	839 200	1 640 150	125 137
334415	Electronic resistor manufacturing	58	78	5 518	176 212	3 757	7 165	90 337	403 382	219 659	642 747	29 320

See footnotes at end of table.

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
334	Computer and electronic product manufacturing—Con.											
3344	Semiconductor and other electronic component manufacturing—Con.											
33441	Semiconductor and other electronic component manufacturing—Con.											
334416	Electronic coil, transformer, and other inductor manufacturing	334	356	11 376	332 497	8 308	15 869	181 481	649 494	486 924	1 144 709	26 526
334417	Electronic connector manufacturing	283	324	24 825	929 057	17 628	34 735	536 294	2 274 639	1 294 349	3 619 677	144 720
334418	Printed circuit assembly (electronic assembly) manufacturing	789	874	87 118	3 498 078	49 141	99 979	1 382 525	10 242 833	12 970 279	23 448 077	601 392
334419	Other electronic component manufacturing	1 530	1 623	70 640	2 650 082	43 124	84 632	1 196 211	5 702 122	3 868 849	9 654 737	420 628
3345	Navigational, measuring, electromedical, and control instruments manufacturing	4 629	5 269	418 649	23 716 799	169 415	327 218	6 632 430	57 171 260	34 436 465	92 843 311	2 657 654
33451	Navigational, measuring, electromedical, and control instruments manufacturing	4 629	5 269	418 649	23 716 799	169 415	327 218	6 632 430	57 171 260	34 436 465	92 843 311	2 657 654
334510	Electromedical and electrotherapeutic apparatus manufacturing	483	547	58 105	3 101 673	27 231	54 840	971 088	9 949 369	5 600 012	15 646 136	464 995
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	503	652	143 550	9 185 483	47 955	88 928	2 256 863	21 211 023	10 171 405	32 304 642	934 273
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	318	337	18 049	675 935	11 573	22 710	327 534	1 902 181	1 209 844	3 149 680	61 114
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	910	989	39 887	1 882 507	18 096	35 714	600 991	4 294 013	2 662 248	7 026 582	167 965
334514	Totalizing fluid meter and counting device manufacturing	221	243	16 542	734 619	10 538	19 585	384 832	1 970 687	2 853 099	4 821 321	90 442
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	734	797	57 639	3 490 692	19 601	38 791	847 642	6 192 153	3 753 679	10 147 354	470 783
334516	Analytical laboratory instrument manufacturing	522	568	34 024	2 002 743	11 516	22 427	430 882	5 102 589	3 277 840	8 324 661	237 792
334517	Irradiation apparatus manufacturing	154	169	13 373	821 993	4 489	9 016	189 754	2 516 308	2 294 012	4 736 157	92 737
334518	Watch, clock, and part manufacturing	125	127	3 573	126 093	2 395	4 750	63 445	418 712	288 418	699 359	9 425
334519	Other measuring and controlling device manufacturing	794	840	33 907	1 695 061	16 021	30 457	559 399	3 614 225	2 325 908	5 987 419	128 128
3346	Manufacturing and reproducing magnetic and optical media	893	953	37 904	1 367 077	27 727	57 863	846 463	4 656 324	2 867 369	7 549 721	410 703
33461	Manufacturing and reproducing magnetic and optical media	893	953	37 904	1 367 077	27 727	57 863	846 463	4 656 324	2 867 369	7 549 721	410 703
334611	Software reproducing	189	194	2 721	117 329	1 811	3 214	62 743	283 688	176 213	460 089	18 248
334612	Prerecorded compact disc (except software), tape, and record reproducing	538	585	28 509	955 703	21 286	44 688	609 087	2 894 491	1 608 417	4 498 204	255 240
334613	Magnetic and optical recording media manufacturing	169	174	6 674	294 045	4 630	9 961	174 633	1 478 145	1 082 739	2 591 428	137 215
335	Electrical equipment, appliance, and component manufacturing	5 503	6 499	494 370	18 082 952	351 812	684 508	10 376 466	52 425 586	50 106 559	102 879 191	2 702 634
3351	Electric lighting equipment manufacturing	1 130	1 237	66 136	2 255 088	47 586	94 468	1 315 223	7 096 709	5 330 261	12 409 893	276 142
33511	Electric lamp bulb and part manufacturing	58	82	11 553	489 806	9 596	18 775	380 416	1 750 630	891 248	2 626 825	77 272
335110	Electric lamp bulb and part manufacturing	58	82	11 553	489 806	9 596	18 775	380 416	1 750 630	891 248	2 626 825	77 272

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
335	Electrical equipment, appliance, and component manufacturing—Con.											
3351	Electric lighting equipment manufacturing—Con.											
33512	Lighting fixture manufacturing	1 076	1 155	54 583	1 765 282	37 990	75 693	934 807	5 346 079	4 439 013	9 783 068	198 870
335121	Residential electric lighting fixture manufacturing	470	478	15 626	457 479	10 955	21 419	234 605	1 281 642	933 508	2 202 284	48 704
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	322	357	19 779	628 018	14 295	28 665	356 187	2 051 997	1 682 111	3 736 427	74 520
335129	Other lighting equipment manufacturing	301	320	19 178	679 785	12 740	25 609	344 015	2 012 440	1 823 394	3 844 357	75 646
3352	Household appliance manufacturing	255	320	89 995	3 035 678	74 401	141 337	2 193 039	9 463 628	12 459 418	21 951 774	606 089
33521	Small electrical appliance manufacturing	122	141	19 994	648 890	15 175	27 678	389 743	2 712 688	2 301 711	4 976 811	124 693
335211	Electric housewares and household fan manufacturing	90	102	9 594	302 332	7 133	13 569	174 176	1 340 341	1 018 947	2 354 065	43 881
335212	Household vacuum cleaner manufacturing	32	39	10 400	346 558	8 042	14 109	215 567	1 372 347	1 282 764	2 622 746	80 812
33522	Major appliance manufacturing	138	179	70 001	2 386 788	59 226	113 659	1 803 296	6 750 940	10 157 707	16 974 963	481 396
335221	Household cooking appliance manufacturing	91	102	17 965	497 530	14 664	27 314	344 099	1 573 463	2 792 851	4 350 138	117 085
335222	Household refrigerator and home freezer manufacturing	18	26	23 487	814 868	20 530	38 486	659 026	2 222 439	3 223 985	5 491 267	155 257
335224	Household laundry equipment manufacturing	13	17	15 878	617 313	13 460	25 966	453 693	1 029 608	2 462 210	3 525 756	80 070
335228	Other major household appliance manufacturing	32	34	12 671	457 077	10 572	21 893	346 478	1 925 430	1 678 661	3 607 802	128 984
3353	Electrical equipment manufacturing	2 186	2 560	161 991	6 160 134	108 488	205 789	3 210 671	16 427 616	14 684 842	31 289 078	670 814
33531	Electrical equipment manufacturing	2 186	2 560	161 991	6 160 134	108 488	205 789	3 210 671	16 427 616	14 684 842	31 289 078	670 814
335311	Power, distribution, and specialty transformer manufacturing	259	291	21 618	812 940	15 386	28 710	474 678	2 046 610	2 044 399	4 123 277	78 138
335312	Motor and generator manufacturing	474	597	54 506	1 820 959	41 087	78 834	1 166 151	4 768 233	4 283 984	9 119 026	217 441
335313	Switchgear and switchboard apparatus manufacturing	448	533	38 001	1 495 205	26 426	51 413	859 626	4 439 499	3 712 226	8 188 207	181 870
335314	Relay and industrial control manufacturing	1 060	1 139	47 866	2 031 030	25 589	46 832	710 216	5 173 274	4 644 233	9 858 568	193 365
3359	Other electrical equipment and component manufacturing	2 011	2 382	176 248	6 632 052	121 337	242 914	3 657 533	19 437 633	17 632 038	37 228 446	1 149 589
33591	Battery manufacturing ...	127	176	26 409	981 728	20 397	41 607	667 386	3 248 549	3 131 965	6 405 496	170 023
335911	Storage battery manufacturing	98	135	17 956	671 601	13 744	28 059	453 467	1 525 404	1 989 135	3 536 966	86 662
335912	Primary battery manufacturing	31	41	8 453	310 127	6 653	13 548	213 919	1 723 145	1 142 830	2 868 530	83 361
33592	Communication and energy wire and cable manufacturing	339	452	46 170	1 715 244	32 277	64 438	998 892	4 694 993	6 574 713	11 360 380	329 941
335921	Fiber optic cable manufacturing	89	96	6 962	308 831	3 820	7 610	130 608	661 746	727 089	1 460 503	48 689
335929	Other communication and energy wire manufacturing	259	356	39 208	1 406 413	28 457	56 828	868 284	4 033 247	5 847 624	9 899 877	281 252
33593	Wiring device manufacturing	518	634	54 697	1 979 412	38 247	75 331	1 108 739	6 480 444	4 138 083	10 650 199	285 935
335931	Current-carrying wiring device manufacturing	395	461	38 633	1 375 297	26 382	51 598	731 553	4 350 091	2 561 802	6 907 342	185 502
335932	Noncurrent-carrying wiring device manufacturing	133	173	16 064	604 115	11 865	23 733	377 186	2 130 353	1 576 281	3 742 857	100 433
33599	All other electrical equipment and component manufacturing	1 053	1 120	48 972	1 955 668	30 416	61 538	882 516	5 013 647	3 787 277	8 812 371	363 690
335991	Carbon and graphite product manufacturing	106	131	8 573	345 852	6 325	13 435	215 773	932 910	811 685	1 756 242	93 490
335999	All other miscellaneous electrical equipment and component manufacturing	947	989	40 399	1 609 816	24 091	48 103	666 743	4 080 737	2 975 592	7 056 129	270 200
336	Transportation equipment manufacturing	10 514	12 639	1 676 198	82 067 852	1 214 998	2 398 240	53 985 532	252 695 162	383 495 349	636 758 285	16 589 213
3361	Motor vehicle manufacturing	307	374	223 038	14 177 778	194 732	386 744	12 234 964	72 157 083	169 044 572	241 284 704	4 802 166

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336	Transportation equipment manufacturing—Con.											
3361	Motor vehicle manufacturing—Con.											
33611	Automobile and light duty motor vehicle manufacturing	227	275	193 209	12 948 897	172 024	344 463	11 374 417	69 099 815	156 034 648	225 184 035	4 643 777
336111	Automobile manufacturing	163	178	80 537	5 126 774	70 061	135 362	4 394 625	28 491 908	59 647 014	88 114 403	2 052 217
336112	Light truck and utility vehicle manufacturing	69	97	112 672	7 822 123	101 963	209 101	6 979 792	40 607 907	96 387 634	137 069 632	2 591 560
33612	Heavy duty truck manufacturing	81	99	29 829	1 228 881	22 708	42 281	860 547	3 057 268	13 009 924	16 100 669	158 389
336120	Heavy duty truck manufacturing	81	99	29 829	1 228 881	22 708	42 281	860 547	3 057 268	13 009 924	16 100 669	158 389
3362	Motor vehicle body and trailer manufacturing	1 915	2 151	127 099	4 192 324	100 151	194 141	2 882 700	8 741 721	15 689 771	24 373 366	328 020
33621	Motor vehicle body and trailer manufacturing	1 915	2 151	127 099	4 192 324	100 151	194 141	2 882 700	8 741 721	15 689 771	24 373 366	328 020
336211	Motor vehicle body manufacturing	760	848	41 253	1 420 611	30 963	61 179	936 506	2 743 623	5 291 110	8 032 515	149 876
336212	Truck trailer manufacturing	362	398	23 589	723 974	18 967	36 676	515 809	1 480 277	2 508 261	3 985 498	53 420
336213	Motor home manufacturing	83	94	20 776	726 182	16 792	31 535	501 387	1 892 266	3 800 905	5 670 656	50 980
336214	Travel trailer and camper manufacturing	733	811	41 481	1 321 557	33 429	64 751	928 998	2 625 555	4 089 495	6 684 697	73 744
3363	Motor vehicle parts manufacturing	4 560	5 728	728 134	32 130 831	580 176	1 139 921	23 658 170	86 428 154	118 093 278	204 110 290	7 534 341
33631	Motor vehicle gasoline engine and engine parts manufacturing	940	1 050	99 413	4 773 138	81 590	149 143	3 697 507	12 347 483	22 210 573	34 452 909	1 285 841
336311	Carburetor, piston, piston ring, and valve manufacturing	113	132	11 885	473 335	9 311	18 869	332 757	1 378 182	629 544	2 004 861	97 143
336312	Gasoline engine and engine parts manufacturing	835	918	87 528	4 299 803	72 279	130 274	3 364 750	10 969 301	21 581 029	32 448 048	1 188 698
33632	Motor vehicle electrical and electronic equipment manufacturing	786	878	99 286	4 069 716	73 295	144 321	2 592 642	12 949 119	12 969 630	25 888 896	709 965
336321	Vehicular lighting equipment manufacturing	91	99	16 730	704 528	12 918	23 948	484 939	1 735 033	1 564 498	3 284 903	104 569
336322	Other motor vehicle electrical and electronic equipment manufacturing	702	779	82 556	3 365 188	60 377	120 373	2 107 703	11 214 086	11 405 132	22 603 993	605 396
33633	Motor vehicle steering and suspension component (except spring) manufacturing ..	199	239	41 783	2 045 377	33 289	68 957	1 492 554	4 984 666	5 526 106	10 493 720	400 763
336330	Motor vehicle steering and suspension component (except spring) manufacturing	199	239	41 783	2 045 377	33 289	68 957	1 492 554	4 984 666	5 526 106	10 493 720	400 763
33634	Motor vehicle brake system manufacturing ..	210	278	42 356	1 660 877	33 878	68 285	1 203 347	5 768 521	7 612 370	13 350 927	568 244
336340	Motor vehicle brake system manufacturing	210	278	42 356	1 660 877	33 878	68 285	1 203 347	5 768 521	7 612 370	13 350 927	568 244
33635	Motor vehicle transmission and power train parts manufacturing	435	547	102 441	5 726 136	83 331	180 670	4 546 248	14 437 575	20 849 166	35 186 785	1 620 873
336350	Motor vehicle transmission and power train parts manufacturing	435	547	102 441	5 726 136	83 331	180 670	4 546 248	14 437 575	20 849 166	35 186 785	1 620 873
33636	Motor vehicle seating and interior trim manufacturing	293	387	53 688	1 994 235	41 337	81 637	1 364 410	4 779 312	11 869 029	16 664 268	328 404
336360	Motor vehicle seating and interior trim manufacturing	293	387	53 688	1 994 235	41 337	81 637	1 364 410	4 779 312	11 869 029	16 664 268	328 404
33637	Motor vehicle metal stamping	670	804	125 625	5 785 402	103 970	191 215	4 541 371	12 474 524	13 206 241	25 615 070	1 024 246
336370	Motor vehicle metal stamping	670	804	125 625	5 785 402	103 970	191 215	4 541 371	12 474 524	13 206 241	25 615 070	1 024 246
33639	Other motor vehicle parts manufacturing	1 255	1 545	163 542	6 075 950	129 486	255 693	4 220 091	18 686 954	23 850 163	42 457 715	1 596 005
336391	Motor vehicle air-conditioning manufacturing	74	82	18 884	915 740	15 192	30 468	680 211	2 748 740	3 980 365	6 733 249	211 212
336399	All other motor vehicle parts manufacturing ..	1 187	1 463	144 658	5 160 210	114 294	225 225	3 539 880	15 938 214	19 869 798	35 724 466	1 384 793
3364	Aerospace product and parts manufacturing	1 259	1 583	394 553	23 682 638	194 304	396 508	10 294 239	63 607 369	59 956 319	124 402 031	2 839 684
33641	Aerospace product and parts manufacturing	1 259	1 583	394 553	23 682 638	194 304	396 508	10 294 239	63 607 369	59 956 319	124 402 031	2 839 684
336411	Aircraft manufacturing	183	217	164 875	9 989 738	77 343	155 739	4 445 963	29 253 030	34 471 696	64 000 406	904 191

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				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
336	Transportation equipment manufacturing—Con.											
3364	Aerospace product and parts manufacturing—Con.											
33641	Aerospace product and parts manufacturing—Con.											
336412	Aircraft engine and engine parts manufacturing	297	412	71 926	4 120 014	40 097	82 829	1 920 990	11 673 774	11 596 794	23 539 354	797 769
336413	Other aircraft parts and auxiliary equipment manufacturing	759	855	98 352	5 333 019	53 923	113 481	2 665 074	13 191 405	7 275 808	20 778 599	649 858
336414	Guided missile and space vehicle manufacturing	13	20	38 661	2 935 471	14 376	27 212	866 872	6 956 165	5 580 180	12 518 301	364 009
336415	Guided missile and space vehicle manufacturing											
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	16	26	14 512	983 405	5 530	11 080	284 206	1 848 076	725 835	2 601 373	105 889
3365	Railroad rolling stock manufacturing	148	202	25 595	1 206 728	15 775	31 049	639 363	3 802 997	4 074 951	7 914 697	124 566
33651	Railroad rolling stock manufacturing	148	202	25 595	1 206 728	15 775	31 049	639 363	3 802 997	4 074 951	7 914 697	124 566
336510	Railroad rolling stock manufacturing	148	202	25 595	1 206 728	15 775	31 049	639 363	3 802 997	4 074 951	7 914 697	124 566
3366	Ship and boat building	1 651	1 768	137 282	5 097 731	100 817	193 407	3 304 128	12 222 589	9 072 467	21 295 056	440 073
33661	Ship and boat building	1 651	1 768	137 282	5 097 731	100 817	193 407	3 304 128	12 222 589	9 072 467	21 295 056	440 073
336611	Ship building and repairing	588	642	87 355	3 623 976	61 752	115 987	2 260 796	8 388 050	4 435 373	12 823 423	276 435
336612	Boat building	1 065	1 126	49 927	1 473 755	39 065	77 420	1 043 332	3 834 539	4 637 094	8 471 633	163 638
3369	Other transportation equipment manufacturing	801	833	40 497	1 579 822	29 043	56 470	971 968	5 735 249	7 563 991	13 378 141	520 363
33699	Other transportation equipment manufacturing	801	833	40 497	1 579 822	29 043	56 470	971 968	5 735 249	7 563 991	13 378 141	520 363
336991	Motorcycle, bicycle, and parts manufacturing	348	356	15 165	635 283	11 688	23 224	450 860	2 209 207	2 608 644	4 892 037	308 725
336992	Military armored vehicle, tank, and tank component manufacturing	33	42	5 295	289 100	2 624	5 522	116 310	851 485	684 776	1 506 656	15 818
336999	All other transportation equipment manufacturing	424	435	20 037	655 439	14 731	27 724	404 798	2 674 557	4 270 571	6 979 448	195 820
337	Furniture and related product manufacturing	21 531	22 523	595 915	17 400 405	469 431	907 752	11 562 409	43 051 965	33 106 934	75 964 713	1 735 653
3371	Household and institutional furniture and kitchen cabinet manufacturing	16 486	17 081	387 264	10 511 206	315 947	609 350	7 447 586	25 154 443	19 821 979	44 793 376	1 024 792
33711	Wood kitchen cabinet and countertop manufacturing	9 460	9 561	126 507	3 632 101	100 506	195 946	2 525 416	8 602 727	5 746 115	14 351 002	444 272
337110	Wood kitchen cabinet and countertop manufacturing	9 460	9 561	126 507	3 632 101	100 506	195 946	2 525 416	8 602 727	5 746 115	14 351 002	444 272
33712	Household and institutional furniture manufacturing	7 037	7 520	260 757	6 879 105	215 441	413 404	4 922 170	16 551 716	14 075 864	30 442 374	580 520
337121	Upholstered household furniture manufacturing	1 678	1 911	90 514	2 405 790	76 346	143 077	1 791 145	5 195 990	5 342 489	10 510 569	170 770
337122	Nonupholstered wood household furniture manufacturing	3 975	4 114	111 672	2 741 907	94 754	183 062	2 059 541	6 778 086	5 137 055	11 740 641	217 655
337124	Metal household furniture manufacturing	356	379	16 956	437 743	13 559	26 429	298 740	1 057 062	959 740	2 034 884	37 326
337125	Household furniture (except wood and metal) manufacturing	178	180	4 658	142 818	3 249	5 888	69 376	530 427	508 424	1 041 204	23 315
337127	Institutional furniture manufacturing	692	731	33 497	1 053 951	24 579	48 936	630 813	2 688 357	1 931 754	4 616 647	122 294
337129	Wood television, radio, and sewing machine cabinet manufacturing	203	205	3 460	96 896	2 954	6 012	72 555	301 794	196 402	498 429	9 160
3372	Office furniture (including fixtures) manufacturing	4 125	4 341	163 246	5 519 670	120 378	235 784	3 302 444	13 765 001	9 499 234	23 241 554	528 805
33721	Office furniture (including fixtures) manufacturing	4 125	4 341	163 246	5 519 670	120 378	235 784	3 302 444	13 765 001	9 499 234	23 241 554	528 805
337211	Wood office furniture manufacturing	546	570	24 760	732 748	19 537	37 617	495 796	1 757 292	1 102 140	2 879 370	58 881
337212	Custom architectural woodwork and millwork manufacturing	1 550	1 568	34 279	1 239 424	23 624	46 590	712 137	2 444 395	1 481 961	3 926 656	87 192

See footnotes at end of table.

Table 2. Industry Statistics for Industry Groups and Industries: 2002—Con.

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

NAICS code	Industry	Companies ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ⁴ (\$1,000)	Total capital expenditures (\$1,000)
				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
337	Furniture and related product manufacturing—Con.											
3372	Office furniture (including fixtures) manufacturing—Con.											
33721	Office furniture (including fixtures) manufacturing—Con.											
337214	Office furniture (except wood) manufacturing	260	312	34 029	1 367 146	24 314	48 879	758 695	4 842 400	3 033 686	7 852 484	180 449
337215	Showcase, partition, shelving, and locker manufacturing	1 799	1 891	70 178	2 180 352	52 903	102 698	1 335 816	4 720 914	3 881 447	8 583 044	202 283
3379	Other furniture related product manufacturing	976	1 101	45 405	1 369 529	33 106	62 618	812 379	4 132 521	3 785 721	7 929 783	182 056
33791	Mattress manufacturing	512	597	23 051	764 593	17 994	34 875	482 735	2 801 149	2 316 656	5 108 457	73 973
337910	Mattress manufacturing	512	597	23 051	764 593	17 994	34 875	482 735	2 801 149	2 316 656	5 108 457	73 973
33792	Blind and shade manufacturing	464	504	22 354	604 936	15 112	27 743	329 644	1 331 372	1 469 065	2 821 326	108 083
337920	Blind and shade manufacturing	464	504	22 354	604 936	15 112	27 743	329 644	1 331 372	1 469 065	2 821 326	108 083
339	Miscellaneous manufacturing	31 264	32 569	755 401	27 363 736	491 160	945 665	13 187 386	79 044 736	46 896 071	126 094 532	3 999 708
3391	Medical equipment and supplies manufacturing	11 418	12 160	326 490	13 372 138	197 555	387 029	5 847 743	42 832 308	18 939 894	61 928 760	2 225 340
33911	Medical equipment and supplies manufacturing	11 418	12 160	326 490	13 372 138	197 555	387 029	5 847 743	42 832 308	18 939 894	61 928 760	2 225 340
339111	Laboratory apparatus and furniture manufacturing	405	428	24 467	1 104 774	12 941	26 548	409 620	2 795 779	1 808 859	4 604 554	115 173
339112	Surgical and medical instrument manufacturing	1 211	1 347	103 237	4 582 307	58 590	116 626	1 762 801	15 138 911	6 617 148	21 936 894	926 620
339113	Surgical appliance and supplies manufacturing	1 615	1 852	108 526	4 554 167	64 142	127 698	1 854 043	17 044 102	7 092 574	24 156 006	795 626
339114	Dental equipment and supplies manufacturing	849	874	17 097	688 743	10 073	18 129	285 178	2 089 192	1 147 476	3 218 670	145 571
339115	Ophthalmic goods manufacturing	491	563	23 696	918 127	15 235	29 294	468 287	3 026 628	1 652 143	4 650 640	147 561
339116	Dental laboratories	6 925	7 096	49 467	1 524 020	36 574	68 734	1 067 814	2 737 696	621 694	3 361 996	94 789
3399	Other miscellaneous manufacturing	19 867	20 409	428 911	13 991 598	293 605	558 636	7 339 643	36 212 428	27 956 177	64 165 772	1 774 368
33991	Jewelry and silverware manufacturing	3 018	3 050	50 462	1 548 899	34 893	64 617	817 548	3 904 678	4 904 590	8 822 388	130 173
339911	Jewelry (except costume) manufacturing	1 925	1 941	32 690	1 024 959	22 707	41 711	562 080	2 789 262	3 607 842	6 402 070	82 015
339912	Silverware and hollowware manufacturing	158	160	4 141	141 706	2 761	5 359	70 871	283 719	266 418	575 623	16 294
339913	Jewelers' material and lapidary work manufacturing	290	294	5 502	151 152	3 755	7 086	81 522	319 884	728 187	1 028 634	14 424
339914	Costume jewelry and novelty manufacturing	651	655	8 129	231 082	5 670	10 461	103 075	511 813	302 143	816 061	17 440
33992	Sporting and athletic goods manufacturing	2 159	2 235	62 166	2 075 457	41 082	79 991	999 168	6 745 365	5 006 847	11 855 949	325 715
339920	Sporting and athletic goods manufacturing	2 159	2 235	62 166	2 075 457	41 082	79 991	999 168	6 745 365	5 006 847	11 855 949	325 715
33993	Doll, toy, and game manufacturing	866	880	20 651	654 783	13 988	25 892	333 135	2 447 975	1 910 204	4 277 961	117 393
339931	Doll and stuffed toy manufacturing	134	137	2 287	56 377	1 390	2 575	24 319	187 024	135 246	328 138	4 337
339932	Game, toy, and children's vehicle manufacturing	733	743	18 364	598 406	12 598	23 317	308 816	2 260 951	1 774 958	3 949 823	113 056
33994	Office supplies (except paper) manufacturing	770	804	23 526	791 889	15 677	30 812	411 958	2 466 288	1 775 929	4 239 308	101 340
339941	Pen and mechanical pencil manufacturing	86	90	7 045	275 886	4 863	9 716	143 637	841 517	658 074	1 484 546	42 481
339942	Lead pencil and art good manufacturing	138	143	6 494	220 452	4 326	8 323	112 000	917 355	589 139	1 517 353	35 301
339943	Marking device manufacturing	475	493	6 365	181 703	4 086	8 044	93 131	388 268	209 295	594 124	11 345
339944	Carbon paper and inked ribbon manufacturing	73	78	3 622	113 848	2 402	4 729	63 190	319 148	319 421	643 285	12 213
33995	Sign manufacturing	6 129	6 266	86 695	3 010 676	55 528	106 694	1 500 292	5 877 938	3 991 800	9 879 850	245 426
339950	Sign manufacturing	6 129	6 266	86 695	3 010 676	55 528	106 694	1 500 292	5 877 938	3 991 800	9 879 850	245 426
33999	All other miscellaneous manufacturing	6 960	7 174	185 411	5 909 894	132 437	250 630	3 277 542	14 770 184	10 366 807	25 090 316	854 321
339991	Gasket, packing, and sealing device manufacturing	525	615	38 043	1 349 316	27 875	54 842	798 737	3 124 748	2 188 399	5 308 130	183 167
339992	Musical instrument manufacturing	562	588	14 770	468 943	11 716	22 543	317 151	1 209 685	593 226	1 787 526	37 928
339993	Fastener, button, needle, and pin manufacturing	180	185	5 257	171 477	3 834	7 654	97 015	417 248	250 118	669 359	35 028
339994	Broom, brush, and mop manufacturing	268	289	14 976	461 364	11 210	22 116	272 276	1 278 241	949 056	2 212 242	63 002
339995	Burial casket manufacturing	148	165	5 435	172 060	4 539	9 313	125 402	767 764	409 141	1 201 488	17 468

See footnotes at end of table.

Table 2. Industry Statistics for Industry Groups and Industries: 2002—Con.

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

NAICS code	Industry	Companies ¹	All es- tablish- ments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ⁴ (\$1,000)	Total capital expenditures (\$1,000)
				Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
339	Miscellaneous manufacturing—Con.											
3399	Other miscellaneous manufacturing—Con.											
33999	All other miscellaneous manufacturing—Con.											
339999	All other miscellaneous manufacturing	5 284	5 332	106 930	3 286 734	73 263	134 162	1 666 961	7 972 498	5 976 867	13 911 571	517 728

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.

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

⁴Data represent total value of shipments for most industries. For industries 311411, 311412, 311421, 311422, 311711, 311712, 311941, 311999, 312140, 312210, 312221, and 312229 value of production is shown. For industry 336611, value of work done is shown.

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.

Table 3. Industry Statistics by Subsectors for Selected States: 2002

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)					
31-33, Manufacturing													
United States.....	1	350 828	108 728	14 699 536	576 170 541	10 343 449	20 453 699	336 967 174	1 887 792 650	2 025 061 815	3 916 136 712	125 536 189	
Alabama.....	1	5 119	1 813	284 127	9 744 347	220 348	438 810	6 650 500	28 641 670	38 362 679	66 686 220	3 070 882	
Alaska.....	2	513	101	10 909	361 214	9 021	18 109	256 132	1 281 425	2 527 208	3 828 233	79 217	
Arizona.....	1	4 935	1 288	168 155	7 080 603	104 955	206 084	3 221 783	25 976 992	15 724 230	41 910 739	977 257	
Arkansas.....	1	3 185	1 094	210 394	6 309 251	169 867	334 390	4 532 650	21 967 578	24 899 853	46 723 576	1 209 902	
California.....	1	48 473	13 804	1 616 289	66 408 969	1 029 843	2 003 765	31 379 284	197 361 037	180 964 133	378 454 294	16 269 614	
Colorado.....	1	5 349	1 194	148 831	6 323 772	94 984	188 404	3 249 630	17 798 122	16 695 548	34 661 204	1 975 737	
Connecticut.....	1	5 383	1 684	214 721	9 872 570	125 765	250 898	4 525 584	27 641 637	16 985 191	44 990 361	1 447 274	
Delaware.....	1	705	231	37 287	1 564 801	26 216	51 260	937 698	5 063 899	11 207 382	16 417 927	481 872	
District of Columbia.....	2	146	22	2 021	76 126	1 133	2 227	39 514	163 118	83 610	246 237	13 331	
Florida.....	1	15 201	3 191	377 092	14 079 987	245 199	482 262	6 955 821	41 906 290	36 523 830	78 463 816	2 464 885	
Georgia.....	1	8 805	3 034	452 834	15 720 820	345 929	694 032	10 258 090	59 661 014	65 788 386	126 166 158	3 212 978	
Hawaii.....	1	929	157	13 200	421 269	8 865	16 837	254 713	1 217 728	2 246 539	3 460 199	82 960	
Idaho.....	1	1 814	415	61 538	2 192 645	47 107	91 263	1 437 227	7 440 111	7 743 998	15 174 196	1 243 409	
Illinois.....	1	16 859	5 921	741 754	29 838 276	511 110	1 027 120	16 999 050	91 689 661	96 045 539	188 222 486	5 960 080	
Iowa.....	1	9 223	3 667	565 559	22 852 682	426 331	854 927	15 437 870	78 023 938	82 850 352	160 924 309	5 617 894	
Kansas.....	1	3 804	1 339	222 968	8 125 864	163 122	322 354	5 108 312	31 394 257	33 504 006	65 042 043	1 705 013	
Kentucky.....	1	3 218	1 063	177 825	6 877 335	126 919	258 130	4 160 548	21 347 336	29 159 921	50 897 796	1 281 375	
Louisiana.....	1	4 283	1 669	263 202	10 077 029	201 584	403 166	6 853 829	34 075 367	54 416 995	88 513 497	2 562 414	
Maine.....	1	3 523	1 089	150 360	6 425 628	109 193	220 425	4 177 885	28 416 911	61 351 248	89 545 364	3 488 244	
Maryland.....	1	1 880	469	67 738	2 627 814	49 524	96 082	1 720 895	7 122 274	6 614 723	13 851 915	543 895	
Massachusetts.....	1	3 999	1 177	151 307	6 475 210	95 244	184 157	3 229 544	19 247 060	16 963 515	36 344 562	1 594 941	
Michigan.....	1	8 858	2 917	349 148	15 571 473	210 606	417 112	7 028 657	44 500 501	32 892 203	77 976 318	2 348 413	
Minnesota.....	1	15 191	5 144	736 165	33 168 564	549 547	1 087 015	22 570 432	97 572 725	124 077 674	221 421 638	5 699 658	
Mississippi.....	1	8 136	2 630	351 188	14 059 229	232 845	458 562	7 585 177	39 551 352	40 894 802	80 499 482	2 812 491	
Missouri.....	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	
Montana.....	1	7 207	2 190	319 761	12 453 642	239 420	460 922	8 094 270	41 123 200	51 662 420	92 475 502	2 279 121	
Nebraska.....	1	1 234	196	18 582	638 834	13 747	26 573	421 086	1 673 980	3 317 687	4 987 577	220 108	
Nevada.....	1	1 975	592	103 011	3 385 632	79 478	164 087	2 293 206	11 467 244	19 179 938	30 607 855	799 280	
New Hampshire.....	1	1 764	447	42 503	1 642 783	28 392	55 923	869 190	4 654 748	3 845 338	8 466 212	340 170	
New Jersey.....	1	2 213	713	83 545	3 421 148	53 985	106 263	1 693 399	8 527 926	6 758 241	15 235 144	539 919	
New Mexico.....	1	10 653	3 316	368 015	15 752 976	236 168	466 820	8 048 324	51 381 268	44 454 102	96 229 119	3 011 209	
New York.....	1	1 587	283	33 085	1 241 383	23 800	46 076	757 119	5 979 983	4 253 622	10 168 130	307 101	
North Carolina.....	1	21 065	5 425	641 742	25 390 968	428 694	834 897	13 558 513	83 932 246	63 432 589	147 402 586	4 185 624	
North Dakota.....	1	10 763	3 977	623 521	20 653 125	472 387	927 703	13 051 227	87 385 590	69 055 376	156 909 393	4 432 400	
Ohio.....	2	724	194	23 370	757 012	17 017	32 794	473 516	2 679 560	4 082 080	6 856 654	201 839	
Oklahoma.....	1	17 491	6 258	868 679	35 298 752	639 811	1 272 052	23 197 793	112 229 130	130 634 971	242 884 764	7 427 507	
Oregon.....	1	4 027	1 074	149 983	5 355 937	109 230	214 758	3 438 187	17 005 404	3 355 001	39 924 050	1 046 987	
Pennsylvania.....	1	5 597	1 515	184 151	7 173 223	130 491	254 545	4 275 579	26 440 699	19 556 927	45 864 552	1 265 365	
Rhode Island.....	2	16 661	5 656	715 186	27 510 766	507 209	1 007 225	16 353 640	92 269 931	88 966 857	181 309 256	4 922 647	
South Carolina.....	1	2 131	586	62 285	2 294 561	42 829	85 197	1 231 685	6 088 634	4 696 259	10 758 058	306 180	
South Dakota.....	1	4 455	1 654	289 672	10 594 414	219 964	440 927	6 863 117	38 474 318	42 377 024	80 976 390	2 910 762	
Tennessee.....	1	926	290	37 019	1 096 775	28 584	56 537	744 044	5 176 605	5 508 704	10 710 187	193 948	
Texas.....	1	6 947	2 546	411 984	14 840 454	311 087	616 811	9 619 224	49 816 315	59 626 953	109 285 149	4 524 088	
Utah.....	1	21 446	6 333	855 303	34 094 491	587 914	1 177 559	19 218 383	124 431 691	187 619 762	310 743 683	9 913 816	
Vermont.....	1	3 061	819	110 007	4 003 961	74 007	142 466	2 158 925	12 158 925	12 900 605	25 104 045	786 006	
Virginia.....	1	1 176	319	43 827	1 757 617	28 429	56 847	937 746	5 164 892	4 299 539	9 661 516	450 230	
Washington.....	1	5 909	1 901	311 787	11 632 963	229 590	462 114	7 293 991	48 261 833	35 696 427	83 952 547	2 384 729	
West Virginia.....	1	7 535	1 977	265 010	11 163 873	167 547	333 980	6 038 160	35 387 693	42 418 619	79 303 026	1 769 708	
Wisconsin.....	1	1 480	489	67 319	2 586 956	50 443	101 570	1 695 796	7 983 845	10 965 884	18 911 332	675 453	
Wyoming.....	1	9 914	3 713	503 147	19 331 297	364 693	709 793	12 051 684	61 478 322	62 991 023	124 649 845	3 284 922	
		560	102	9 608	364 592	7 273	13 859	253 196	1 430 036	2 657 972	4 061 516	102 325	
311, Food manufacturing													
United States.....	1	27 915	8 736	1 506 932	45 519 634	1 140 558	2 283 779	30 300 142	203 639 578	255 831 027	458 786 540	10 954 121	
Alabama.....	1	299	144	36 481	875 050	28 802	56 757	605 899	3 111 818	4 032 612	7 150 635	138 633	
Alaska.....	5	148	67	7 365	198 941	6 446	13 082	150 771	544 385	595 145	1 338 970	28 117	
Arizona.....	1	244	53	8 221	249 807	6 140	12 295	160 880	1 365 910	1 527 179	2 878 837	58 086	
Arkansas.....	1	270	134	53 844	1 219 946	47 081	90 963	977 440	5 737 439	6 235 163	11 764 783	193 954	
California.....	2	3 814	1 228	164 517	5 158 330	118 946	232 509	3 227 158	22 083 480	24 574 900	46 520 912	1 306 339	
Colorado.....	1	453	104	16 322	494 193	12 027	24 893	324 916	1 640 803	3 890 367	5 930 900	63 363	
Connecticut.....	2	313	74	9 690	315 888	6 156	11 948	180 490	1 520 335	964 823	2 476 009	40 645	
Delaware.....	1	69	24	7 252	168 787	6 270	12 073	130 527	588 926	829 372	1 415 689	26 590	
District of Columbia.....	2	23	5	433	13 404	183	317	4 685	33 731	13 176	46 843	987	
Florida.....	1	1 009	207	33 656	1 101 798	24 014	47 933	682 185	4 802 516	5 387 018	10 255 323	319 016	
Georgia.....	1	579	238	58 150	1 610 644	47 348	95 162	1 155 733	8 487 159	8 443 797	16 997 293	405 057	
Hawaii.....	2	259	54	5 224	145 699	3 597	6 693	90 162	478 098	427 972	908 464	26 914	
Idaho.....	1	220	81	16 664	461 029	14 217	29 045	358 476	1 884 836	3 219 297	5 087 273	191 915	
Illinois.....	1	1 279	500	83 908	2 836 177	60 722	124 946	1 842 520	12 918 964	15 303 859	28 212 163	631 375	
Indiana.....	2	530	182	32 880	1 045 204	24 215	48 734	700 993	6 423 695	6 469 342	12 898 239	364 636	
Iowa.....	1	509	213	49 869	1 644 465	40 207	85 324	1 193 881	7 832 400	14 239 146	21 940 417	615 242	
Kansas.....	1	303	116	31 006	914 576	25 185	55 120	675 708	3 248 698	9 544 006	12 769 659	194 693	
Kentucky.....	1	270	108	23 526	706 356	18 295	37 903	485 203	3 139 696	3 462 950	6 588 775	211 816	
Louisiana.....	2	393	138	17 011	472 666	12 768	23 874	290 427	2 200 105	3 228 015	5 485 932	127 825	
Maine.....	1	199	41	7 623	247 632	4 535	7 919	123 585	683 070	689 076	1 492 695	47 017	
Maryland.....	2	364	129	15 399	478 821	10 964	21 773	293 706	2 598 941	2 704 230	5 321 155	87 904	
Massachusetts													

Table 3. Industry Statistics by Subsectors for Selected States: 2002—Con.

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)				
31-33, Manufacturing—Con.												
311, Food manufacturing—Con.												
Texas	—	1 729	462	88 234	2 477 144	65 926	134 309	1 618 670	12 286 763	15 996 867	28 210 478	476 751
Utah	—	255	84	13 868	406 393	9 676	19 081	237 329	1 504 241	2 557 407	4 054 440	131 421
Vermont	3	140	40	3 922	129 365	2 735	5 441	80 415	363 195	957 741	1 316 462	23 954
Virginia	1	457	153	33 280	912 527	26 474	53 443	662 412	4 526 550	4 444 307	8 968 506	261 492
Washington	3	785	269	36 139	1 044 778	28 342	54 350	716 978	3 890 127	5 134 227	9 015 499	252 980
West Virginia	—	91	17	4 609	107 119	3 413	5 752	63 824	301 979	385 968	685 721	11 266
Wisconsin	—	1 035	431	62 308	2 010 924	48 106	95 612	1 387 803	7 856 243	14 354 797	22 124 212	489 973
Wyoming	7	59	3	409	11 920	310	605	8 539	59 244	64 842	124 597	1 666
312, Beverage and tobacco product manufacturing												
United States	1	3 025	987	160 305	6 923 024	87 463	172 876	3 366 869	66 699 254	39 204 252	105 714 263	3 362 043
Alabama	—	25	12	g	D	D	D	D	D	D	D	32 208
Arizona	1	37	12	g	D	D	D	D	D	D	D	24 751
Arkansas	—	22	8	757	27 336	414	867	13 694	154 845	211 062	373 400	10 686
California	1	846	274	31 741	1 350 137	15 858	29 534	571 646	8 201 993	6 914 752	15 054 126	787 455
Colorado	—	50	13	6 315	390 931	2 751	5 843	157 443	1 468 556	1 033 163	2 495 701	329 574
Connecticut	8	28	7	f	D	D	D	D	D	D	D	D
Delaware	—	5	1	c	D	D	D	D	D	D	D	D
Florida	1	99	43	7 375	259 890	4 407	9 325	136 067	1 814 009	1 807 091	3 603 016	156 560
Georgia	1	63	22	6 678	342 921	4 266	8 150	203 828	4 879 742	1 952 376	6 828 143	134 179
Hawaii	1	18	9	603	21 027	191	378	5 180	57 909	103 724	162 057	5 562
Idaho	9	14	2	136	4 407	92	191	2 584	24 446	41 676	66 161	D
Illinois	1	64	23	3 633	129 160	2 001	4 164	71 567	1 599 417	1 118 057	2 678 419	85 673
Indiana	—	44	16	1 604	51 938	1 094	2 194	32 335	527 167	691 205	1 208 863	63 090
Iowa	2	11	5	692	20 443	252	457	7 763	123 255	139 948	264 766	5 679
Kansas	—	17	5	434	17 935	252	548	8 312	47 994	219 392	266 037	6 225
Kentucky	1	52	34	4 260	171 860	2 368	4 659	78 256	990 373	839 124	1 840 465	47 205
Louisiana	1	38	11	1 405	38 894	740	1 496	19 373	95 719	383 844	479 554	25 289
Maine	9	16	6	752	35 080	396	772	14 191	201 949	165 525	364 628	18 803
Maryland	1	32	15	1 723	71 911	867	1 652	31 147	328 609	541 088	876 763	23 094
Massachusetts	2	42	14	2 620	118 257	1 289	2 781	49 948	415 817	599 628	1 018 205	31 785
Michigan	—	81	21	4 007	148 881	1 737	3 393	62 237	886 559	968 302	1 849 989	57 865
Minnesota	—	34	10	1 270	52 477	771	1 536	21 749	111 869	500 523	613 091	15 563
Mississippi	—	22	3	e	D	D	D	D	D	D	D	D
Missouri	—	53	21	3 739	154 490	2 541	4 657	94 382	1 117 744	946 588	2 060 432	99 580
Montana	4	23	5	e	D	D	D	D	D	D	D	5 505
Nebraska	—	13	5	378	14 911	169	350	5 144	60 740	136 605	195 570	3 900
Nevada	—	18	6	448	16 811	234	458	7 783	192 551	54 048	246 493	D
New Hampshire	—	13	7	810	32 809	603	1 060	20 669	341 763	237 504	576 925	53 388
New Jersey	—	51	16	3 630	168 707	2 161	4 158	92 279	1 177 398	911 955	2 093 050	64 988
New Mexico	2	26	1	142	4 734	97	201	2 620	38 839	41 517	80 001	5 392
New York	2	168	41	7 672	303 907	3 989	7 833	132 575	1 397 404	1 515 721	2 910 775	169 900
North Carolina	—	75	33	13 109	681 321	8 733	17 173	412 312	17 605 249	3 141 123	20 749 443	165 530
North Dakota	—	7	3	c	D	D	D	D	D	D	D	D
Ohio	3	70	29	6 015	237 603	3 612	7 263	132 721	1 798 423	2 033 909	3 844 417	86 613
Oklahoma	—	27	6	1 208	43 788	244	543	6 928	182 189	241 915	424 481	18 783
Oregon	3	114	19	1 900	69 925	759	1 417	23 376	248 270	309 843	552 675	32 925
Pennsylvania	2	143	42	6 866	265 263	3 868	7 621	131 452	1 175 844	1 149 231	2 334 696	84 892
Rhode Island	—	15	4	309	17 271	100	199	3 825	85 251	112 846	198 323	6 608
South Carolina	—	17	4	738	22 935	280	636	9 087	177 144	266 022	442 788	12 037
Tennessee	—	64	25	3 264	126 847	2 237	4 540	82 622	2 145 134	1 077 608	3 213 792	82 273
Texas	2	130	57	10 401	421 074	4 993	10 478	176 664	2 928 799	2 782 759	5 704 605	177 591
Utah	4	15	5	400	14 440	237	453	7 265	47 203	194 864	241 228	9 457
Vermont	1	20	5	e	D	D	D	D	D	D	D	D
Virginia	—	75	33	10 064	594 644	5 725	11 990	304 004	12 071 190	2 916 921	14 990 005	207 479
Washington	1	131	26	3 320	130 423	1 720	3 262	64 599	586 367	742 328	1 259 260	65 482
West Virginia	—	10	6	f	D	D	D	D	D	D	D	D
Wisconsin	5	61	17	2 927	123 428	2 154	4 191	84 227	616 601	673 393	1 295 035	49 080
Wyoming	—	8	2	c	D	D	D	D	D	D	D	D
313, Textile mills												
United States	1	3 932	1 671	269 064	7 666 079	227 462	456 090	5 649 526	18 971 798	26 387 870	45 652 142	1 415 188
Alabama	—	90	66	15 628	407 110	13 878	27 520	339 789	1 141 670	1 629 463	2 765 167	52 034
Arizona	—	17	2	598	15 232	540	1 209	13 002	40 834	119 505	160 406	D
Arkansas	—	13	1	182	6 551	134	276	4 428	15 823	19 226	35 655	D
California	3	492	125	13 205	361 962	11 067	22 274	259 166	831 450	928 095	1 757 026	38 787
Colorado	3	22	2	167	5 223	135	277	2 999	13 936	14 363	29 110	263
Connecticut	2	47	22	1 903	66 810	1 477	2 874	40 778	134 235	154 262	290 469	4 999
Delaware	3	5	4	241	7 660	177	281	4 259	11 795	15 347	27 158	952
Florida	5	135	16	1 405	42 067	1 115	2 239	28 745	94 420	118 466	212 552	4 446
Georgia	1	244	166	38 341	1 026 849	34 118	69 418	826 048	2 464 369	3 752 232	6 276 983	227 495
Illinois	4	62	10	866	25 503	703	1 259	17 215	68 173	76 709	143 790	2 028
Indiana	3	26	7	330	9 385	266	535	6 508	19 847	24 582	44 175	923
Kansas	1	11	3	c	D	D	D	D	D	D	D	281
Kentucky	1	29	11	1 922	47 893	1 672	3 394	36 119	104 804	220 570	372 757	D
Louisiana	7	14	4	405	13 409	330	443	9 605	18 036	20 952	44 615	1 072
Maine	4	31	16	2 007	58 733	1 599	2 968	38 473	137 773	146 500	286 248	6 149
Maryland	4	39	12	1 979	48 974	1 424	2 906	33 296	137 322	128 838	268 134	8 049
Massachusetts	2	136	69	10 492	347 482	8 110	17 403	226 551	765 054	941 866	1 722 334	65 031
Michigan	4	51	6	622	20 378	485	964	13 549	41 725	59 584	101 205	1 278
Minnesota	2	36	8	621	21 421	492	977	15 004	82 096	59 194	142 734	D
Mississippi	—	27	7	1 039	39 640	868	1 772	30 096	87 431	157 605	259 551	D
Missouri	5	26	7	381	13 119	292	546	7 821	31 857	39 244	72 775	1 152
New Hampshire	—	28	14	1 874	62 521	1 351	2 630	32 775	100 617	118 503	229 123	13 882
New Jersey	3	249	76	6 166	190 729	4 961	9 931	129 378	459 429	529 820	987 415	24 342
New York	4	416	108	9 169	284 833	7 113	14 015	178 030	825 671	1 079 526	1 919 796	29 612
North Carolina	1	574	395	70 653	1 930 481	60 543	120 406	1 442 408	4 469 343	6 964 383	11 473 727	360 320
North Dakota	3	4	3	c	D	D	D	D	D	D	D	D
Ohio	1	83	21	2 237	80 273	1 697	3 570	50 029	192 647	183 085	375 644	9 390
Oklahoma	5	19	2	162	3 736	138	260	2 815	4 829	3 936	8 765	115
Oregon	4	20	2	184	5 107	149	293	3 708	13 453	17 601	30 751	306
Pennsylvania	4	186	88	10 118	295 788	8 307	16 419	202 257	728 614	688 205	1 407 684	32 389

See footnotes at end of table.

Table 3. Industry Statistics by Subsectors for Selected States: 2002—Con.

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)				
31-33, Manufacturing—Con.												
313, Textile mills—Con.												
Rhode Island	4	73	38	3 621	108 441	2 928	5 898	75 838	226 059	249 008	480 370	8 691
South Carolina	—	277	203	39 648	1 124 526	34 295	69 567	858 481	2 897 177	4 090 560	7 067 343	261 730
South Dakota	—	4	1	f	D	D	D	D	D	D	D	D
Tennessee	—	75	40	6 424	206 302	5 126	10 000	148 646	611 938	978 460	1 559 388	23 973
Texas	1	111	28	5 175	132 469	4 471	8 931	102 532	486 603	581 601	1 095 373	24 937
Vermont	—	11	4	240	7 123	194	355	5 091	10 413	18 545	31 939	D
Virginia	—	78	51	16 561	491 849	13 867	28 018	358 830	1 335 163	1 840 087	3 178 052	70 980
Washington	1	45	6	703	28 945	528	1 046	19 458	47 978	91 384	141 182	3 299
West Virginia	7	9	4	e	D	D	D	D	D	D	D	794
Wisconsin	1	38	18	2 220	77 864	1 659	2 946	52 482	170 123	152 796	328 924	35 288
314, Textile product mills												
United States	2	7 304	1 535	183 333	4 759 988	147 290	288 203	3 195 008	13 188 004	18 425 107	32 273 047	487 817
Alabama	4	119	28	6 656	162 346	5 573	11 409	117 704	588 135	913 563	1 475 963	70 798
Arizona	1	91	15	1 305	31 640	1 005	1 937	19 993	77 109	67 682	146 931	1 703
Arkansas	—	56	9	1 447	39 768	1 193	2 188	29 883	76 700	92 411	196 322	D
California	2	893	194	16 855	436 277	13 188	26 349	278 974	1 046 346	1 228 211	2 261 118	30 679
Colorado	—	122	20	2 247	63 261	1 624	3 232	30 852	294 029	143 352	439 403	7 750
Connecticut	3	90	16	1 274	34 677	970	1 849	19 629	81 269	76 208	156 603	6 380
Delaware	4	23	4	253	5 692	211	327	3 784	11 284	8 454	19 692	D
Florida	3	511	56	5 118	121 763	3 947	7 706	76 104	269 716	249 862	519 477	14 473
Georgia	3	462	185	37 412	1 043 756	31 411	64 972	774 555	3 686 881	7 086 093	11 379 303	83 000
Idaho	3	37	2	191	4 871	145	252	2 911	12 421	10 678	23 182	D
Illinois	2	252	54	4 369	109 045	3 461	6 680	67 070	222 055	224 937	450 696	7 372
Indiana	2	143	35	3 263	78 276	2 564	4 845	53 670	149 895	162 409	313 113	5 348
Iowa	—	46	12	1 387	40 616	1 041	1 789	20 834	102 757	125 476	234 951	4 157
Kansas	—	47	6	816	20 865	669	1 217	13 928	47 307	39 300	81 253	1 693
Kentucky	—	67	19	2 337	52 318	1 914	3 400	39 227	171 264	132 121	302 805	D
Louisiana	1	66	12	1 244	30 031	1 047	1 842	19 816	46 866	71 883	117 735	D
Maine	2	65	9	1 265	37 775	1 007	1 975	25 175	79 440	64 407	141 599	D
Maryland	8	120	14	1 365	35 492	1 075	2 093	23 419	157 290	317 579	473 610	11 018
Massachusetts	2	201	44	4 339	113 854	3 375	6 493	71 388	286 131	270 463	554 276	12 557
Michigan	3	200	23	2 288	61 177	1 669	3 052	35 393	124 674	126 542	248 038	D
Minnesota	1	141	19	1 892	49 648	1 377	2 583	28 539	114 525	82 547	201 606	2 823
Mississippi	—	62	20	2 934	62 653	2 432	4 679	45 093	110 850	190 132	308 903	12 646
Missouri	1	140	26	2 022	47 761	1 664	3 222	32 364	154 760	151 898	304 643	2 346
Montana	3	31	1	c	D	D	D	D	D	D	D	679
Nebraska	2	41	5	449	10 705	382	741	7 387	29 529	24 612	52 577	876
Nevada	1	34	6	608	15 400	534	938	11 619	38 586	29 477	66 613	6 414
New Hampshire	7	52	6	1 045	32 873	739	1 505	23 058	69 051	82 947	153 783	D
New Jersey	3	278	59	5 403	140 599	4 245	8 072	85 497	339 319	326 297	671 674	D
New York	2	418	87	7 818	219 043	5 480	10 332	115 303	592 082	700 837	1 291 994	21 161
North Carolina	1	346	116	16 868	423 531	13 939	27 060	297 563	1 225 402	1 449 851	2 714 553	48 461
North Dakota	—	16	2	208	5 682	176	359	3 986	15 215	13 809	29 138	1 622
Ohio	2	251	48	4 221	100 305	3 449	6 308	68 137	244 118	245 242	485 803	5 970
Oklahoma	2	75	10	806	17 107	646	1 217	11 064	52 254	38 937	92 634	790
Oregon	2	96	10	988	25 652	707	1 360	14 691	69 125	47 668	115 690	2 219
Pennsylvania	—	276	57	7 809	230 470	5 992	11 564	145 848	501 133	699 549	1 207 507	19 950
Rhode Island	3	55	11	820	19 975	650	1 194	13 116	39 668	33 247	72 699	1 134
South Carolina	—	171	66	11 701	283 144	10 052	19 825	213 687	806 018	1 420 160	2 245 184	26 343
South Dakota	—	16	2	381	8 723	236	342	4 575	22 779	19 517	42 612	629
Tennessee	2	140	42	4 311	117 766	3 466	6 560	78 497	354 535	386 845	739 572	18 567
Texas	2	433	92	7 537	164 548	6 077	11 533	106 546	348 440	334 215	680 820	D
Utah	5	60	10	820	20 058	612	1 074	12 101	44 563	41 146	83 965	D
Vermont	3	28	2	173	4 813	132	258	3 084	9 169	9 033	17 868	D
Virginia	1	157	27	4 228	101 984	3 492	7 070	69 218	202 538	403 144	602 340	D
Washington	1	159	30	2 296	69 557	1 638	2 887	37 156	144 687	132 631	277 833	5 061
West Virginia	1	15	2	c	D	D	D	D	D	D	D	D
Wisconsin	1	130	21	2 037	52 018	1 653	3 150	34 586	102 224	120 034	221 085	3 221
315, Apparel manufacturing												
United States	2	13 038	3 269	343 450	7 454 143	273 753	494 194	4 724 156	21 350 836	22 939 723	44 521 126	461 274
Alabama	1	205	99	13 373	269 820	11 053	20 237	192 016	667 958	964 089	1 639 448	D
Arizona	6	71	8	873	16 702	760	1 314	12 813	25 289	15 782	40 819	D
Arkansas	4	43	21	2 597	50 504	2 354	4 387	41 967	185 488	144 636	333 933	D
California	3	4 755	1 045	95 636	2 092 853	76 189	135 639	1 273 453	5 585 397	6 385 591	11 901 222	97 757
Colorado	4	99	11	940	21 646	670	1 342	12 980	57 208	39 309	94 199	D
Connecticut	4	43	14	960	24 067	680	1 306	12 433	61 105	106 680	178 082	D
Delaware	1	12	1	110	3 648	58	102	916	6 209	6 082	13 243	90
Florida	4	457	77	9 163	200 455	7 339	12 997	109 418	505 713	614 436	1 130 713	18 365
Georgia	2	203	78	8 843	155 476	7 022	11 662	103 503	464 173	562 604	1 040 934	D
Hawaii	3	86	14	1 109	22 934	908	1 716	13 759	49 136	32 045	80 776	D
Idaho	2	18	2	c	D	D	D	D	D	D	D	D
Illinois	4	225	59	6 343	148 129	4 849	8 861	84 682	311 667	257 972	573 937	9 927
Indiana	4	70	13	1 949	44 601	1 469	2 793	24 324	61 672	81 843	146 841	D
Iowa	2	63	23	1 645	34 976	1 346	2 424	23 767	68 907	84 896	147 130	D
Kansas	4	32	7	664	11 631	553	986	8 946	21 957	15 073	36 747	D
Kentucky	—	84	49	8 159	150 350	7 179	13 170	119 820	568 779	518 623	1 094 029	D
Louisiana	1	74	19	1 853	31 581	1 521	2 797	29 985	59 385	40 488	101 554	3 180
Maine	3	18	7	717	14 091	517	975	9 406	20 821	16 692	37 269	D
Maryland	4	89	18	g	D	D	D	D	D	D	D	D
Massachusetts	3	179	50	5 201	136 030	4 149	7 513	77 866	257 539	298 160	550 103	3 934
Michigan	4	135	9	891	22 407	721	1 303	14 039	49 649	73 475	125 736	D
Minnesota	3	115	14	1 332	31 734	1 095	2 124	23 355	78 306	38 588	117 840	1 287
Mississippi	2	95	54	6 508	123 073	4 899	8 808	76 403	448 742	646 833	1 098 070	9 511
Missouri	2	139	48	5 738	107 506	4 796	9 052	76 161	266 767	172 801	439 159	D
Montana	1	15	2	233	4 208	188	308	2 708	6 425	8 984	15 409	94
Nebraska	2	22	4	319	6 499	261	485	4 580	13 684	13 369	26 873	500
Nevada	9	26	4	c	D	D	D	D	D	D	D	71
New Hampshire	—	33	9	806	29 814	493	854	8 999	39 946	37 335	77 641	D
New Jersey	1	424	107	12 156	272 437	8 940	16 236	165 748	626 915	705 126	1 336 042	10 360
New York	4	2 524	507	44 043	1 045 275	33 313	58 414	570 134	2 798 013	3 297 558	6 117 890	51 264
North Carolina	1	499	246	35 425	753 065	29 032	55 903	541 508	2 369 192	2 235 946	4 628 962	74 886
Ohio	1	122	23	2 087	49 364	1 703	3 203	33 439	135 667	150 437	292 274	D

See footnotes at end of table.

Table 3. Industry Statistics by Subsectors for Selected States: 2002—Con.

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)				
31-33, Manufacturing—Con.												
315, Apparel manufacturing—Con.												
Oklahoma	—	68	21	3 207	57 782	2 581	4 350	39 330	607 722	133 186	717 809	D
Oregon	2	77	15	1 283	22 775	1 000	1 556	15 723	35 872	22 492	60 754	D
Pennsylvania	1	563	192	19 978	451 601	15 872	29 146	286 055	1 744 471	2 103 602	3 907 694	40 241
Rhode Island	8	17	2	c	D	D	D	D	D	D	D	73
South Carolina	2	115	50	4 917	94 452	4 333	7 636	73 478	160 099	282 184	469 467	D
South Dakota	2	13	4	c	D	D	D	D	D	D	D	D
Tennessee	1	181	92	11 597	253 053	9 607	16 823	169 686	620 835	710 972	1 347 551	13 230
Texas	2	509	126	17 154	358 059	13 693	23 803	245 164	1 343 229	1 328 893	2 758 665	31 585
Utah	—	48	7	1 153	22 900	924	1 584	16 088	36 845	26 785	64 514	D
Vermont	1	34	7	525	13 602	392	802	7 895	34 674	42 169	78 731	D
Virginia	2	141	44	6 563	141 792	5 334	10 559	102 102	601 991	410 843	1 031 230	D
Washington	1	138	36	2 289	47 619	1 811	3 201	29 770	94 251	73 341	167 541	D
West Virginia	3	19	8	587	13 215	509	975	10 614	48 804	41 446	89 474	1 768
Wisconsin	1	91	20	1 642	41 313	1 268	2 503	24 719	82 315	68 174	153 128	2 777
316, Leather and allied product manufacturing												
United States	1	522	394	44 543	1 160 833	35 317	66 298	728 377	2 872 273	3 309 255	6 254 100	78 307
Alabama	3	15	2	c	D	D	D	D	D	D	D	D
Arizona	4	25	2	c	D	D	D	D	D	D	D	100
Arkansas	3	25	11	2 186	37 258	1 971	3 690	28 319	75 176	81 848	154 973	D
California	2	229	61	5 472	139 378	4 217	7 780	77 538	351 313	306 084	665 796	8 873
Colorado	—	31	5	504	16 011	279	534	6 185	98 706	45 308	142 468	1 615
Connecticut	—	11	3	f	D	D	D	D	D	D	D	D
Florida	2	70	10	1 059	26 105	828	1 545	13 710	48 219	48 930	95 332	640
Georgia	2	24	5	374	8 089	284	477	5 135	16 485	10 421	27 420	D
Idaho	—	19	2	207	5 213	178	359	3 976	17 553	10 650	27 576	D
Illinois	—	41	16	2 069	53 942	1 644	3 452	33 395	120 821	95 181	231 116	6 166
Indiana	7	19	6	505	11 580	404	579	7 414	48 734	31 990	79 860	D
Iowa	—	10	5	f	D	D	D	D	D	D	D	D
Kansas	—	9	2	c	D	D	D	D	D	D	D	D
Kentucky	7	8	4	382	7 611	344	633	5 763	25 625	31 911	57 901	D
Louisiana	5	8	2	149	3 053	133	233	2 276	3 739	3 406	7 173	43
Maine	1	28	11	2 153	56 499	1 824	3 354	39 266	192 106	164 071	365 485	D
Maryland	—	10	3	g	D	D	D	D	D	D	D	D
Massachusetts	1	64	20	1 710	47 331	1 434	2 539	34 066	101 267	81 172	183 870	2 791
Michigan	—	28	10	2 019	60 631	1 679	3 109	44 375	170 911	460 904	624 639	D
Minnesota	—	28	4	1 617	64 727	1 200	2 403	36 272	106 710	180 439	284 243	D
Missouri	1	48	18	1 834	40 465	1 569	3 065	29 636	99 440	244 975	343 555	D
Montana	8	19	2	c	D	D	D	D	D	D	D	D
Nebraska	—	5	3	c	D	D	D	D	D	D	D	D
New Hampshire	—	17	7	476	12 483	332	717	7 219	35 523	50 648	88 407	683
New Jersey	—	30	7	927	28 950	696	1 094	15 979	52 660	89 324	154 843	D
New Mexico	3	18	2	c	D	D	D	D	D	D	D	D
New York	3	176	40	2 481	68 395	1 884	3 614	40 079	143 411	115 773	258 871	1 851
North Carolina	5	40	13	1 421	34 704	1 161	2 205	25 016	65 624	87 615	155 232	D
Ohio	—	29	9	1 244	26 286	963	1 768	16 069	59 884	84 714	144 106	D
Oklahoma	2	18	5	289	4 948	253	432	3 891	13 264	6 244	18 740	D
Oregon	6	24	5	408	11 551	285	507	5 588	20 915	19 815	43 311	D
Pennsylvania	—	54	16	2 662	70 151	2 166	4 311	50 235	234 869	142 875	391 203	5 683
Rhode Island	1	13	7	371	9 437	258	523	6 545	12 774	9 139	22 143	D
Tennessee	3	37	16	1 494	32 356	1 226	1 957	19 996	81 832	68 907	148 754	2 455
Texas	4	140	32	4 225	100 206	3 384	6 515	58 214	178 391	199 252	384 089	D
Utah	1	16	1	c	D	D	D	D	D	D	D	D
Virginia	—	12	3	319	7 246	252	412	3 917	16 919	7 339	23 514	263
Washington	3	28	4	342	8 988	259	506	5 388	17 749	11 219	28 634	D
Wisconsin	—	47	17	2 083	61 364	1 502	2 973	35 160	183 675	189 444	385 303	5 631
321, Wood product manufacturing												
United States	1	17 202	5 655	540 565	16 054 554	442 207	877 199	11 561 660	35 147 018	54 024 783	89 085 026	2 416 067
Alabama	1	449	203	20 741	581 311	17 455	35 272	434 327	1 182 318	2 432 144	3 616 791	88 769
Alaska	4	33	2	176	5 150	147	301	4 031	8 391	19 490	27 756	356
Arizona	2	217	87	9 177	246 389	6 876	13 926	152 370	466 960	554 067	1 017 760	24 643
Arkansas	1	374	131	13 368	403 178	11 337	23 917	321 668	822 647	1 718 371	2 542 664	71 098
California	2	1 340	458	39 618	1 144 047	31 740	62 639	796 523	2 370 709	3 606 591	6 069 241	137 181
Colorado	2	257	49	4 173	120 758	3 209	6 201	78 946	230 313	325 379	556 348	10 847
Connecticut	3	126	21	1 786	56 697	1 408	2 512	39 429	101 328	111 434	213 067	4 358
Delaware	6	30	9	818	21 600	664	1 254	15 157	41 488	48 106	89 413	1 583
Florida	1	528	191	15 891	458 953	12 479	25 032	304 056	965 377	1 442 781	2 400 336	55 154
Georgia	1	574	219	23 133	664 791	19 035	38 773	479 760	1 525 473	2 651 769	4 169 897	90 410
Hawaii	2	31	7	289	9 241	228	444	6 406	21 742	30 082	51 722	769
Idaho	1	215	71	7 377	229 436	6 432	13 012	183 674	497 367	1 109 804	1 593 130	24 788
Illinois	2	464	130	9 067	269 058	6 992	13 756	171 972	592 178	709 712	1 300 520	29 756
Indiana	1	600	216	20 255	630 894	16 392	31 196	438 289	1 217 395	1 755 653	2 976 716	56 750
Iowa	—	186	56	10 964	385 820	8 166	15 938	233 372	818 935	652 682	1 458 510	53 180
Kansas	1	112	27	2 070	52 877	1 656	3 011	36 511	107 469	147 610	253 691	4 958
Kentucky	2	423	133	11 728	286 662	10 071	19 827	217 634	652 114	912 419	1 563 865	87 623
Louisiana	1	199	72	8 634	268 012	7 557	16 202	218 556	543 410	1 206 933	1 751 354	141 506
Maine	1	252	84	6 643	201 371	5 354	10 477	143 040	486 688	602 000	1 079 420	38 649
Maryland	1	159	51	4 682	134 643	3 763	7 353	91 001	393 803	518 581	904 049	17 073
Massachusetts	2	238	43	3 588	116 065	2 506	5 102	69 940	222 805	283 551	504 566	18 411
Michigan	2	579	162	12 167	367 356	9 514	18 625	247 061	821 283	1 203 004	2 014 509	56 609
Minnesota	—	380	113	16 786	664 017	13 021	24 157	460 060	1 284 469	1 677 240	2 964 738	73 580
Mississippi	—	332	132	13 866	395 999	11 841	24 579	295 753	850 509	1 591 686	2 442 062	53 211
Missouri	2	551	124	8 776	222 678	7 374	13 851	163 302	505 765	673 334	1 168 747	31 383
Montana	1	153	50	4 920	162 518	4 312	8 555	133 708	306 268	553 989	854 352	24 216
Nebraska	1	75	20	2 281	59 293	1 741	3 421	38 247	124 982	161 961	286 076	5 035
Nevada	2	54	17	1 676	45 329	1 213	2 515	28 796	102 992	111 953	208 075	9 269
New Hampshire	2	161	58	4 003	121 749	3 081	6 233	81 009	265 827	367 759	629 357	20 902
New Jersey	2	175	46	3 672	119 176	2 769	5 265	71 096	251 289	259 932	495 215	8 915
New Mexico	1	72	17	1 174	31 152	943	1 913	21 366	58 103	81 992	142 356	2 394
New York	3	614	132	9 630	284 791	7 580	14 826	190 194	637 733	802 009	1 436 900	35 060

See footnotes at end of table.

Table 3. Industry Statistics by Subsectors for Selected States: 2002—Con.

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)				
31-33, Manufacturing—Con.												
321, Wood product manufacturing—Con.												
North Carolina	1	785	330	29 430	849 584	24 293	48 053	618 108	1 975 144	2 985 692	4 932 306	114 353
North Dakota	—	26	11	1 805	45 208	1 647	3 100	37 827	118 132	139 834	257 912	3 442
Ohio	1	684	201	17 121	491 936	14 497	28 100	385 465	1 271 047	1 261 252	2 511 337	74 327
Oklahoma	2	138	25	2 159	60 563	1 915	3 827	51 145	120 934	197 030	317 981	21 745
Oregon	—	530	271	32 915	1 093 553	28 352	57 516	873 187	2 362 569	5 050 236	7 397 741	131 396
Pennsylvania	2	1 026	266	26 843	777 586	21 935	43 344	544 973	1 720 032	2 372 632	4 086 604	121 268
Rhode Island	2	45	12	701	19 700	540	990	12 237	42 131	94 363	139 794	1 842
South Carolina	1	276	107	9 414	281 004	7 771	16 406	206 574	679 548	1 173 352	1 855 943	58 328
South Dakota	—	59	19	1 564	46 767	1 266	2 596	33 993	86 895	148 222	233 678	5 336
Tennessee	1	593	171	16 379	426 228	13 496	25 667	304 883	967 977	1 373 245	2 329 735	66 400
Texas	2	797	273	27 934	758 374	23 149	46 758	554 253	1 780 947	2 623 713	4 395 468	96 422
Utah	2	150	36	2 429	72 164	1 889	3 621	49 064	121 808	172 526	293 561	5 192
Vermont	1	129	37	2 763	79 619	2 260	4 496	55 018	186 570	230 110	419 942	13 338
Virginia	1	529	207	18 222	525 239	14 740	29 251	365 202	1 229 067	1 800 311	3 032 926	120 702
Washington	1	516	204	18 535	653 444	15 696	31 811	505 743	1 405 735	2 627 928	4 027 392	143 887
West Virginia	1	259	100	8 947	227 888	7 913	15 995	185 821	612 146	1 012 162	1 620 031	38 557
Wisconsin	1	670	241	29 350	860 034	23 172	43 936	589 998	1 939 575	2 363 505	4 325 914	118 797
Wyoming	1	37	13	925	25 052	820	1 647	20 915	48 731	74 652	123 558	2 299
322, Paper manufacturing												
United States	—	5 520	3 540	491 436	21 497 243	376 672	782 131	14 657 699	75 780 418	78 063 027	153 766 022	6 260 387
Alabama	1	83	64	13 577	741 414	10 893	22 089	565 792	3 043 067	2 785 867	5 780 741	343 086
Arizona	2	43	25	2 762	113 162	2 129	4 645	77 223	357 495	443 190	797 518	19 249
Arkansas	—	75	51	11 511	500 543	9 450	18 864	376 896	1 905 427	1 776 019	3 664 392	158 480
California	1	560	314	29 379	1 226 398	22 234	46 787	803 453	3 699 445	4 830 127	8 586 559	334 533
Colorado	—	44	19	2 248	88 406	1 772	3 376	60 042	194 775	275 722	473 143	14 638
Connecticut	1	82	53	5 676	259 863	4 165	8 686	163 841	874 479	873 303	1 741 280	56 526
Delaware	—	9	7	1 559	61 753	1 050	2 273	38 707	517 169	129 375	646 617	23 326
Florida	—	163	65	10 352	480 148	7 927	16 779	325 989	1 698 270	1 812 045	3 507 827	90 514
Georgia	—	188	133	23 388	1 135 141	18 459	39 159	826 294	5 124 060	4 461 446	9 519 793	344 328
Hawaii	—	6	1	c	D	D	D	D	D	D	D	D
Idaho	—	10	6	1 937	104 515	1 533	3 090	76 447	226 490	429 564	631 679	15 053
Illinois	1	338	217	22 969	910 014	17 332	36 360	576 879	2 306 229	2 962 483	5 286 203	192 349
Indiana	1	165	120	12 140	462 863	9 220	19 021	306 097	1 380 288	1 806 529	3 167 796	70 218
Iowa	—	46	32	4 186	152 479	3 303	6 553	105 553	693 929	650 470	1 346 250	30 803
Kansas	1	36	24	3 136	113 150	2 285	4 834	76 492	266 472	358 460	616 705	18 150
Kentucky	—	99	72	11 173	454 207	8 604	18 090	304 445	2 193 967	2 196 893	4 397 462	115 104
Louisiana	—	59	38	9 363	467 182	7 415	15 933	338 562	2 072 357	2 146 829	4 239 550	356 260
Maine	—	34	24	10 682	599 364	8 359	17 877	445 510	2 032 315	2 081 929	4 131 354	234 061
Maryland	—	44	28	5 403	219 318	4 133	8 554	151 150	618 469	600 778	1 216 228	29 850
Massachusetts	1	206	140	15 896	652 857	11 374	23 593	393 944	1 602 957	1 866 030	3 479 905	97 608
Michigan	—	197	131	16 079	699 052	12 007	24 855	453 559	2 207 510	2 411 016	4 638 554	133 625
Minnesota	—	127	79	15 138	639 006	11 053	22 651	441 715	2 047 595	1 982 915	4 017 554	645 091
Mississippi	—	57	41	6 346	307 267	4 822	10 156	205 036	1 064 514	1 365 465	2 449 460	67 547
Missouri	—	131	84	11 011	402 466	8 963	18 700	285 972	1 977 348	1 747 627	3 743 055	179 190
Montana	9	3	2	f	D	D	D	D	D	D	D	D
Nebraska	—	17	13	1 653	60 869	1 267	2 692	40 075	182 072	277 161	456 497	12 742
Nevada	2	22	10	734	31 420	557	1 233	21 549	163 331	155 187	316 826	25 803
New Hampshire	1	35	20	2 125	91 610	1 515	3 104	53 079	231 163	263 605	511 266	36 066
New Jersey	2	239	138	15 373	666 443	11 636	24 592	421 895	1 512 488	1 894 482	3 404 724	84 925
New Mexico	—	10	4	657	23 249	436	909	11 918	40 843	75 597	218 734	7 379
New York	2	345	183	19 163	791 334	14 246	29 264	497 879	2 217 490	2 304 844	4 501 992	133 532
North Carolina	2	204	154	21 198	878 726	16 169	33 187	589 977	2 629 676	2 984 119	5 581 508	183 748
North Dakota	—	3	2	c	D	D	D	D	D	D	D	D
Ohio	—	362	236	25 719	1 051 548	19 279	40 650	671 149	3 321 250	3 612 703	6 936 776	167 883
Oklahoma	—	42	22	3 987	181 368	3 183	6 331	138 375	912 971	885 761	1 796 762	48 557
Oregon	—	54	34	6 614	346 546	4 993	10 427	238 283	1 379 361	1 347 618	2 718 490	157 788
Pennsylvania	—	295	206	27 551	1 218 609	20 600	43 274	803 988	4 903 875	4 306 117	9 267 896	297 026
Rhode Island	1	38	21	1 641	61 640	1 131	2 171	32 260	145 451	118 650	258 761	6 034
South Carolina	—	99	67	13 323	609 744	10 424	21 322	423 914	2 587 945	2 330 510	4 914 527	188 184
South Dakota	—	9	7	752	26 451	620	1 360	18 756	87 591	128 244	216 858	5 179
Tennessee	—	157	114	16 001	642 159	12 568	26 277	434 531	2 076 453	2 273 837	4 358 558	297 762
Texas	—	268	169	19 804	779 233	15 391	31 449	528 587	3 009 612	3 060 154	6 084 535	175 716
Utah	2	32	18	2 822	99 584	2 320	4 415	74 484	563 608	375 347	944 532	27 595
Vermont	—	14	9	1 339	58 184	1 068	2 261	40 634	170 682	156 936	325 982	D
Virginia	—	108	78	12 378	601 965	9 606	20 391	421 001	2 097 520	2 084 290	4 168 307	137 686
Washington	—	99	73	12 985	667 364	9 992	20 044	485 389	1 810 209	2 799 793	4 608 907	268 396
West Virginia	1	12	10	846	27 363	673	1 437	19 902	80 304	119 149	200 374	D
Wisconsin	—	246	182	38 008	1 753 174	29 874	61 085	1 264 748	7 406 066	6 255 806	13 585 572	415 335
323, Printing and related support activities												
United States	1	37 538	7 134	715 777	25 627 770	513 847	968 457	15 907 024	59 091 897	36 594 704	95 726 203	3 872 928
Alabama	1	421	58	i	D	D	D	D	D	D	D	71 311
Alaska	4	57	5	e	D	D	D	D	D	D	D	D
Arizona	2	589	94	7 065	229 396	4 964	9 009	140 792	512 491	259 591	768 942	42 560
Arkansas	2	268	36	4 031	134 378	2 943	5 152	84 843	318 843	205 135	525 930	19 410
California	2	4 806	818	77 174	2 798 504	55 274	101 458	1 714 582	6 348 950	4 010 255	10 361 182	411 186
Colorado	1	740	106	10 528	348 848	6 785	12 459	195 490	937 139	470 453	1 408 527	49 380
Connecticut	2	557	114	10 560	425 844	7 313	14 545	249 475	860 049	473 353	1 355 142	34 704
Delaware	3	81	11	f	D	D	D	D	D	D	D	D
District of Columbia	1	66	7	f	D	D	D	D	D	D	D	10 584
Florida	3	2 021	256	22 228	729 031	15 823	28 958	439 612	1 562 012	1 054 176	2 623 674	87 647
Georgia	2	1 063	200	18 030	650 643	12 827	24 532	394 360	1 518 344	908 813	2 424 563	130 605
Hawaii	3	120	19	1 615	49 469	945	1 638	27 938	107 855	60 697	166 901	D
Idaho	1	136	18	1 993	51 816	1 334	2 005	29 678	133 262	68 951	200 345	D
Illinois	2	2 143	492	51 180	2 009 021	36 831	72 386	1 227 365	4 416 913	2 812 726	7 221 699	282 847
Indiana	1	774	170	18 590	634 054	13 713	26 156	413 641	1 563 308	1 049 725	2 598 562	90 181
Iowa	1	366	97	9 076	291 050	6 467	11 614	182 349	726 084	489 914	1 218 084	49 452
Kansas	1	394	99	11 540	384 751	8 195	15 716	233 166	930 008	771 148	1 708 659	43 956
Kentucky	1	410	95	12 986								

Table 3. Industry Statistics by Subsectors for Selected States: 2002—Con.

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)				
31-33, Manufacturing—Con.												
323, Printing and related support activities—Con.												
Maryland	1	722	186	17 933	653 136	13 127	24 094	419 798	1 411 758	846 336	2 257 466	85 550
Massachusetts	2	984	208	17 772	679 214	12 682	24 404	412 504	1 470 903	841 661	2 312 199	74 832
Michigan	2	1 238	211	20 732	749 824	14 491	26 653	445 997	1 710 235	1 064 146	2 771 512	87 682
Minnesota	1	922	258	31 397	1 144 670	21 631	41 265	688 767	2 594 061	1 626 050	4 208 416	168 718
Mississippi	1	201	28	3 525	119 196	2 728	5 477	81 447	324 364	235 918	559 800	27 446
Missouri	1	884	180	17 951	654 849	12 899	24 877	400 384	1 639 686	974 051	2 596 209	97 096
Montana	3	97	12	f	D	D	D	D	D	D	D	D
Nebraska	—	246	37	4 365	153 866	3 052	5 466	87 792	333 226	244 249	577 049	21 263
Nevada	1	217	32	2 947	103 903	2 221	4 279	68 144	280 598	233 907	513 374	12 143
New Hampshire	—	210	46	4 039	145 943	2 845	5 632	92 308	357 116	194 726	553 268	30 369
New Jersey	2	1 432	322	27 711	1 178 543	19 642	38 229	725 681	2 517 135	1 605 719	4 128 386	136 665
New Mexico	2	154	12	g	D	D	D	D	D	D	D	D
New York	3	2 542	462	43 041	1 605 362	31 021	58 857	996 779	3 712 170	2 124 899	5 863 199	195 341
North Carolina	1	1 036	188	17 279	581 868	12 625	24 192	372 097	1 416 290	901 958	2 311 589	95 462
North Dakota	1	77	14	f	D	D	D	D	D	D	D	D
Ohio	1	1 590	364	35 047	1 254 302	24 564	47 556	769 798	2 990 135	1 718 664	4 712 739	189 195
Oklahoma	1	409	48	4 251	126 818	3 104	5 844	78 349	285 383	175 595	455 280	28 835
Oregon	1	550	97	7 660	269 229	5 543	10 255	169 016	584 871	380 288	963 609	47 378
Pennsylvania	1	1 624	394	45 391	1 595 513	33 537	62 843	1 044 000	3 727 704	2 349 933	6 092 158	198 286
Rhode Island	3	171	30	2 305	84 695	1 586	3 074	47 550	174 375	111 707	285 167	7 398
South Carolina	1	393	65	5 872	194 921	4 253	7 344	121 411	448 791	346 824	792 388	60 656
South Dakota	2	93	18	1 556	46 923	1 116	1 816	28 384	105 246	63 360	170 063	9 274
Tennessee	1	786	171	22 050	763 387	16 467	32 054	492 797	1 763 395	1 038 790	2 796 966	153 393
Texas	2	2 392	377	37 056	1 275 746	25 309	47 369	729 987	2 900 647	1 810 963	4 753 546	196 753
Utah	1	290	62	5 593	177 049	3 981	7 388	108 064	529 553	237 504	767 578	25 012
Vermont	—	105	19	1 935	67 997	1 474	2 789	46 232	167 200	102 550	270 862	D
Virginia	2	767	156	18 565	664 487	14 248	27 435	453 421	1 574 815	947 730	2 515 846	86 695
Washington	1	712	97	8 439	295 104	5 991	10 423	175 071	636 006	338 522	979 584	39 153
West Virginia	—	124	18	2 636	77 466	2 200	4 432	60 377	225 772	190 562	411 749	97 825
Wisconsin	1	989	262	35 634	1 239 960	26 581	48 618	812 502	3 007 917	1 938 777	4 950 824	218 494
Wyoming	1	46	4	396	10 160	259	378	6 039	17 724	11 760	29 427	721
324, Petroleum and coal products manufacturing												
United States	—	2 262	652	102 836	6 151 468	66 412	139 836	3 741 212	36 969 633	179 629 918	215 312 899	8 170 674
Alabama	—	38	17	2 017	103 697	1 443	3 146	66 888	465 570	1 699 419	2 150 392	56 624
Alaska	—	17	5	632	41 947	456	949	29 255	465 198	1 426 618	1 906 102	32 183
Arizona	1	25	5	405	16 863	283	488	10 454	60 482	121 025	181 389	D
Arkansas	—	31	10	1 050	44 921	451	933	17 776	366 744	1 125 423	1 485 809	19 304
California	—	218	62	11 677	781 315	7 419	16 050	473 414	5 334 837	18 610 495	24 125 455	3 105 877
Colorado	—	22	6	657	36 041	424	852	144 364	681 201	819 530	979 584	25 259
Connecticut	—	38	4	250	12 134	177	306	7 545	59 852	111 934	172 797	1 763
Delaware	—	14	6	f	D	D	D	D	D	D	D	D
Florida	1	51	14	1 129	46 695	714	1 596	25 274	169 711	273 047	439 622	23 930
Georgia	—	69	12	1 160	52 533	914	1 967	38 161	259 051	625 846	885 825	D
Hawaii	—	3	2	e	D	D	D	D	D	D	D	D
Illinois	—	95	37	5 370	319 691	3 325	6 752	187 011	1 734 120	9 974 690	11 795 139	617 273
Indiana	—	64	17	2 707	144 983	1 815	4 093	85 035	774 377	4 300 704	5 075 680	76 026
Iowa	—	13	3	153	6 099	106	207	2 964	33 141	64 061	94 122	1 374
Kansas	—	23	11	2 038	102 997	1 258	2 541	63 005	363 663	3 039 692	3 413 909	32 065
Kentucky	—	48	4	1 305	59 767	789	1 770	46 998	387 410	2 577 473	2 961 553	D
Louisiana	—	58	40	9 476	656 444	5 690	12 530	373 780	4 953 130	28 338 553	32 955 722	699 298
Maine	—	12	4	211	5 971	162	244	3 769	21 574	25 724	47 866	1 458
Maryland	1	42	8	839	37 068	653	1 295	27 364	190 105	342 453	533 094	15 131
Massachusetts	—	51	9	875	43 907	550	1 087	24 753	156 449	205 742	356 976	10 449
Michigan	—	73	22	1 810	92 736	984	1 943	44 174	426 102	1 169 808	1 557 549	43 809
Minnesota	—	27	12	1 939	120 015	1 207	2 571	71 189	655 501	3 394 758	4 056 453	112 680
Mississippi	—	29	8	1 900	118 759	1 321	1 878	80 219	88 272	3 482 144	3 442 157	D
Missouri	—	64	15	1 745	80 385	1 122	2 319	46 964	355 966	451 759	805 949	28 339
Montana	—	7	4	879	53 217	620	1 243	35 925	247 491	1 552 199	1 807 038	38 472
Nevada	—	7	2	175	6 861	135	280	3 977	21 560	53 251	75 085	1 414
New Hampshire	—	10	2	175	3 909	149	173	2 500	21 032	25 185	44 887	1 105
New Jersey	—	67	22	3 810	243 470	2 240	4 716	139 303	1 551 377	6 950 317	8 425 031	262 429
New Mexico	1	14	3	645	38 942	426	859	22 985	521 987	947 761	1 459 560	12 959
New York	1	144	27	1 833	77 628	1 249	2 364	50 568	292 989	391 437	685 562	32 079
North Carolina	—	47	8	816	38 903	598	1 330	26 293	183 161	265 485	448 871	D
North Dakota	4	4	2	e	D	D	D	D	D	D	D	D
Ohio	—	179	35	4 925	271 150	3 235	6 764	164 599	1 510 897	7 103 820	8 445 759	114 337
Oklahoma	1	51	15	2 691	138 909	1 781	3 582	83 317	359 650	5 017 481	5 335 964	136 388
Oregon	1	19	9	612	27 432	469	967	18 654	108 047	182 714	295 488	6 936
Pennsylvania	—	165	44	6 406	350 199	4 243	8 790	218 016	2 169 553	10 008 783	12 086 103	130 775
South Carolina	—	19	4	e	D	D	D	D	D	D	D	2 693
Tennessee	—	59	10	1 164	55 752	846	1 616	42 526	466 202	2 283 406	2 704 108	144 680
Texas	—	196	83	21 047	1 416 914	13 662	29 941	867 575	8 972 652	48 452 435	56 900 436	1 420 604
Utah	—	17	5	804	51 791	534	1 128	33 276	192 912	1 623 119	1 804 198	40 288
Virginia	—	29	4	588	30 218	361	785	19 765	121 211	612 655	691 309	D
Washington	—	30	11	2 163	151 341	1 458	3 201	91 908	1 658 152	5 171 984	6 791 353	243 357
West Virginia	2	17	8	902	47 321	680	1 410	33 488	249 186	647 025	892 130	58 490
Wisconsin	1	22	10	656	27 755	324	633	14 464	96 489	363 745	448 555	7 727
Wyoming	—	14	9	942	51 026	665	1 395	33 932	193 792	1 536 968	1 706 760	30 467
325, Chemical manufacturing												
United States	—	13 476	5 500	852 297	44 556 764	482 415	984 819	21 062 364	253 608 726	206 900 774	460 424 786	17 843 128
Alabama	1	193	88	13 939	662 159	9 548	19 573	381 885	2 885 425	3 890 304	6 709 973	304 129
Alaska	—	6	2	e	D	D	D	D	D	D	D	D
Arizona	3	173	46	3 603	166 725	2 149	4 030	79 005	636 843	398 855	1 041 126	40 500
Arkansas	—	96	32	6 299	270 016	4 484	8 134	164 813	1 166 682	1 151 620	2 309 793	78 473
California	1	1 616	548	76 506	3 693 493	40 446	76 133	1 430 226	14 780 147	8 130 026	22 982 038	1 481 059
Colorado	1	171	53	7 049	366 135	3 932	7 135	162 353	1 549 445	1 090 510	2 553 539	127 053
Connecticut	3	173	72	13 070	732 846	4 622	9 723	193 222	4 806 891	1 506 569	6 326 952	193 462
Delaware	—	64	31	6 347	374 401	3 572	7 903	182 924	1 759 654	3 933 929	5 834 662	192 010
Florida	1	548	146	19 136	901 604	11 169	23 077	412 169	4 030 920	4 594 012	8 489 014	341 153

See footnotes at end of table.

Table 3. Industry Statistics by Subsectors for Selected States: 2002—Con.

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)				
31-33, Manufacturing—Con.												
325, Chemical manufacturing—Con.												
Georgia	1	473	210	23 572	1 067 819	14 907	30 574	588 474	6 388 442	5 675 106	12 111 166	414 439
Hawaii	7	20	1	c	D	D	D	D	D	D	D	D
Idaho	1	61	10	1 629	71 958	1 220	2 659	48 756	339 728	401 741	728 000	33 102
Illinois	—	726	343	57 015	3 220 473	28 139	59 429	1 289 319	14 210 211	10 624 420	24 833 505	990 236
Indiana	—	324	145	23 564	1 332 099	14 902	31 017	777 456	10 803 121	5 669 277	16 435 391	479 265
Iowa	—	140	50	6 773	305 458	4 264	8 910	171 704	5 118 881	2 609 955	7 683 453	107 077
Kansas	—	130	59	6 606	312 788	4 148	8 701	159 665	1 839 300	1 399 894	3 231 533	118 370
Kentucky	—	179	93	13 672	735 409	8 497	17 621	402 845	3 231 157	3 945 029	7 126 505	200 604
Louisiana	—	251	139	25 714	1 673 287	16 002	34 653	987 712	11 275 917	18 598 041	29 969 810	1 678 395
Maine	3	50	14	1 894	87 311	947	1 974	40 827	213 203	127 228	338 623	17 982
Maryland	—	195	75	11 643	560 613	6 488	12 120	296 993	3 081 307	1 502 247	4 585 872	205 144
Massachusetts	2	351	149	19 906	1 081 718	9 596	19 397	416 712	4 715 598	2 525 595	7 253 510	311 725
Michigan	1	405	176	28 258	1 402 124	17 635	35 935	776 084	6 167 748	5 414 371	11 505 635	488 156
Minnesota	1	259	98	8 349	397 914	4 551	9 136	169 754	1 923 668	1 225 699	3 128 579	149 797
Mississippi	—	104	48	7 471	326 308	5 111	9 877	187 879	2 127 241	2 057 837	4 243 504	141 398
Missouri	1	325	144	19 277	924 705	10 825	22 055	415 017	8 283 244	3 720 467	12 079 993	358 052
Montana	1	38	4	362	14 557	249	524	8 155	49 333	125 673	178 695	D
Nebraska	—	69	22	2 862	132 702	2 082	4 204	84 655	847 029	802 659	1 645 193	41 951
Nevada	3	64	17	1 334	59 640	829	1 726	30 994	227 100	158 353	375 291	11 600
New Hampshire	2	56	19	1 996	89 145	1 125	2 213	37 239	234 442	145 441	381 493	10 052
New Jersey	1	737	380	66 978	3 711 088	29 741	58 627	1 226 225	17 800 075	10 327 306	28 376 612	1 246 417
New Mexico	3	46	9	952	42 024	520	1 052	17 113	196 502	90 489	297 351	11 342
New York	—	595	258	60 094	3 147 165	33 434	69 306	1 353 079	23 016 027	9 105 433	32 012 970	795 705
North Carolina	1	416	187	38 239	1 755 536	24 661	48 494	946 108	18 794 434	8 003 567	26 824 490	833 498
North Dakota	2	13	1	105	3 897	81	164	2 564	39 380	11 035	50 211	2 837
Ohio	—	728	353	41 379	2 021 028	25 880	52 669	1 118 261	11 075 970	10 117 971	21 155 931	829 608
Oklahoma	1	130	41	3 284	155 981	1 902	3 832	76 780	903 839	835 764	1 748 106	37 754
Oregon	1	176	53	3 711	170 635	2 325	4 418	85 054	892 542	642 723	1 533 009	38 062
Pennsylvania	—	617	263	37 148	2 087 335	19 726	41 003	933 418	19 006 304	11 645 536	30 543 671	820 329
Rhode Island	1	66	29	2 475	128 419	1 333	2 862	55 214	404 231	320 682	735 160	46 501
South Carolina	1	250	137	33 897	1 741 355	19 210	39 601	788 918	5 767 643	6 442 751	12 191 696	416 091
South Dakota	2	28	5	515	21 628	335	704	11 421	102 169	155 030	256 459	6 938
Tennessee	—	279	123	28 617	1 526 581	14 946	32 159	641 409	5 484 661	5 232 249	10 709 417	692 764
Texas	1	122	462	73 830	4 325 917	45 050	96 252	2 473 222	23 501 262	41 304 837	64 785 194	2 728 396
Utah	2	128	47	5 929	248 030	2 931	5 667	94 797	982 851	588 530	1 561 938	62 984
Vermont	3	23	7	725	28 406	461	737	14 098	86 516	66 785	152 999	D
Virginia	—	186	77	15 596	790 005	10 151	21 427	443 519	4 502 009	3 269 427	7 748 867	273 761
Washington	1	239	57	4 884	241 627	2 871	5 854	113 560	895 503	697 691	1 591 509	57 269
West Virginia	—	75	44	10 861	677 589	6 463	13 677	373 637	2 656 852	3 107 946	5 753 775	215 531
Wisconsin	1	328	122	12 718	625 880	7 109	14 093	293 082	4 006 783	2 767 431	6 766 289	156 154
Wyoming	2	31	11	1 923	107 840	1 485	3 090	83 671	719 481	600 337	1 317 364	40 305
326, Plastics and rubber products manufacturing												
United States	1	15 529	7 893	983 757	32 619 736	766 130	1 516 936	21 840 259	92 462 047	82 058 469	174 369 289	7 415 155
Alabama	1	209	98	17 719	643 472	14 567	27 608	487 423	1 598 882	1 504 532	3 096 027	107 168
Alaska	1	13	1	121	5 032	85	193	2 707	16 864	12 007	28 472	427
Arizona	1	217	95	8 556	268 174	6 511	13 032	167 393	759 229	641 961	1 385 302	62 798
Arkansas	—	164	95	15 720	500 147	12 530	24 807	361 884	1 617 271	1 501 709	3 107 260	92 925
California	1	1 847	831	86 786	2 769 295	65 541	129 868	1 693 770	7 424 891	6 433 486	13 869 446	497 488
Colorado	2	199	65	5 375	179 582	3 699	7 325	99 185	469 920	410 962	884 405	28 317
Connecticut	2	224	101	9 384	329 391	7 219	14 659	210 677	838 043	673 652	1 504 521	59 148
Delaware	1	48	27	2 458	101 005	1 647	3 302	52 933	325 640	239 142	567 818	44 768
Florida	2	630	208	17 047	527 253	13 141	26 392	348 990	1 441 463	1 292 184	2 741 683	97 616
Georgia	1	422	256	29 405	938 846	23 521	47 602	665 090	2 966 754	2 922 861	5 898 050	239 765
Hawaii	6	18	4	245	7 424	188	378	4 814	20 236	14 578	34 564	1 281
Idaho	—	66	16	1 367	36 637	1 045	2 121	24 305	125 915	77 534	201 454	7 853
Illinois	1	849	495	65 457	2 246 792	50 634	101 198	1 490 681	6 686 080	5 600 421	12 300 505	475 754
Indiana	1	567	357	50 716	1 649 156	39 826	80 175	1 155 225	4 421 676	3 707 531	8 106 670	357 437
Iowa	1	189	104	14 646	478 101	12 116	23 980	364 016	1 148 651	1 234 039	2 392 698	120 395
Kansas	—	154	76	12 135	420 803	10 020	19 862	310 401	1 286 222	1 060 416	2 562 817	152 873
Kentucky	1	205	129	20 159	614 653	16 265	31 388	433 963	1 964 760	1 754 272	3 729 307	185 551
Louisiana	1	131	52	4 877	152 374	3 565	7 307	93 186	440 448	424 660	866 341	43 380
Maine	1	44	18	2 277	77 190	1 717	3 474	48 366	190 231	217 292	411 320	14 492
Maryland	1	127	71	8 914	309 847	6 743	12 516	194 011	988 121	710 622	1 684 860	140 556
Massachusetts	1	390	191	20 216	695 204	15 026	27 870	424 949	2 055 762	1 502 209	3 568 786	129 583
Michigan	1	841	478	66 647	2 159 600	51 135	99 223	1 363 849	5 886 591	4 962 299	10 843 723	370 720
Minnesota	1	378	176	18 631	622 410	14 136	28 116	397 930	1 568 342	1 197 673	2 764 623	121 128
Mississippi	—	152	94	10 469	316 502	8 742	16 041	232 604	1 058 669	1 096 400	2 152 543	73 648
Missouri	1	333	165	22 159	674 806	17 476	32 960	453 558	1 890 413	1 663 033	3 580 237	208 421
Montana	2	32	5	384	10 543	252	508	5 823	31 722	25 096	56 039	908
Nebraska	2	76	39	6 388	210 974	5 094	9 941	144 163	472 264	449 891	927 202	50 376
Nevada	2	92	39	2 987	92 934	2 481	4 913	69 729	335 712	322 397	650 060	24 194
New Hampshire	1	105	49	5 961	207 046	4 482	8 954	133 009	472 289	381 730	855 945	29 115
New Jersey	1	547	294	30 449	1 036 819	22 443	45 465	630 009	2 545 728	2 392 495	4 944 386	193 736
New Mexico	8	38	11	917	25 953	671	1 345	15 012	134 101	101 625	236 029	4 850
New York	2	669	286	30 562	1 027 836	23 240	46 333	648 127	2 961 152	2 221 840	5 168 750	187 909
North Carolina	—	510	307	41 813	1 437 020	32 771	66 355	966 868	4 251 086	3 814 935	8 018 058	379 127
North Dakota	—	25	10	844	24 502	701	1 351	18 020	75 110	70 809	143 700	5 028
Ohio	1	156	678	89 891	2 925 819	69 541	139 135	1 987 608	7 892 468	7 478 184	15 342 768	771 171
Oklahoma	—	165	61	13 153	527 575	10 658	21 524	404 133	1 521 300	1 368 153	2 879 286	145 109
Oregon	1	195	68	6 579	206 908	5 067	10 035	130 753	573 139	468 114	1 039 666	26 136
Pennsylvania	1	699	406	49 549	1 615 088	38 991	78 874	1 091 504	4 644 005	4 188 746	8 802 167	392 184
Rhode Island	1	86	41	3 988	147 365	2 981	6 277	90 152	359 753	304 528	667 224	23 737
South Carolina	2	232	134	23 271	911 060	18 620	37 694	646 059	2 983 705	2 783 066	5 752 838	338 499
South Dakota	—	42	15	1 825	49 074	1 429	2 693	35 911	143 673	133 849	27	

Table 3. Industry Statistics by Subsectors for Selected States: 2002—Con.

[States with 100 employees or more are shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	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)				
31-33, Manufacturing—Con.												
339, Miscellaneous manufacturing—Con.												
New Jersey	1	989	240	27 081	1 132 627	15 115	29 059	451 678	3 166 066	1 461 376	4 751 903	121 136
New Mexico	1	273	37	3 394	94 613	2 379	4 042	55 633	201 130	505 247	716 242	D
New York	2	532	526	54 882	1 856 663	37 235	72 110	946 483	4 557 984	4 098 098	8 677 629	216 448
North Carolina	2	833	148	17 136	558 377	12 396	23 883	310 172	1 763 581	1 279 521	3 049 483	81 538
North Dakota	1	58	13	897	23 911	665	1 259	13 005	38 996	25 380	66 699	D
Ohio	1	235	306	33 732	1 175 624	22 695	43 853	604 004	3 051 939	1 913 246	4 936 337	151 203
Oklahoma	2	306	48	4 523	137 535	3 195	5 855	74 551	377 867	302 030	682 645	21 541
Oregon	2	612	89	8 506	291 422	5 728	10 789	149 834	713 122	356 111	1 064 070	37 374
Pennsylvania	2	1 342	310	38 215	1 454 261	24 360	47 118	696 383	4 138 896	2 637 811	6 757 571	198 865
Rhode Island	2	503	123	13 131	439 566	8 929	17 297	214 130	1 121 141	868 260	1 976 669	44 485
South Carolina	1	286	52	7 578	232 529	5 867	11 733	147 864	851 424	459 640	1 315 750	45 758
South Dakota	—	88	22	4 468	122 978	3 194	5 625	79 261	677 945	349 922	1 038 667	31 145
Tennessee	1	546	136	17 339	593 533	11 696	22 706	304 523	1 939 962	1 093 441	2 994 311	108 077
Texas	3	1 948	366	40 933	1 338 510	28 887	54 774	730 275	3 788 380	2 283 603	6 003 330	153 752
Utah	1	393	76	16 084	562 100	10 575	21 625	282 427	1 390 643	1 345 290	2 786 696	114 306
Vermont	2	118	22	2 659	81 654	1 725	3 155	37 894	235 421	171 345	408 315	8 626
Virginia	3	555	90	10 299	328 347	7 377	14 406	187 582	985 029	623 655	1 594 032	51 544
Washington	2	880	141	11 078	382 026	7 180	13 171	186 142	913 893	564 374	1 476 285	37 452
West Virginia	2	99	15	1 508	48 327	1 212	2 397	33 513	134 482	59 800	194 318	D
Wisconsin	1	690	184	19 538	681 240	13 110	25 472	356 429	1 845 029	1 161 482	3 002 395	74 539
Wyoming	5	46	6	413	10 708	318	441	6 747	19 922	11 792	32 108	539

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.

³States 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.

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

Table 4. Detailed Statistics by Subsector: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing	
Companies ¹	number.. 303 965
All establishments ²	number.. 350 828
Establishments with 1 to 19 employees	number.. 242 100
Establishments with 20 to 99 employees	number.. 77 543
Establishments with 100 employees or more	number.. 31 185
All employees ³	number.. 14 699 536
Total compensation	\$1,000.. 726 439 068
Annual payroll	\$1,000.. 576 170 541
Total fringe benefits	\$1,000.. 150 268 527
Production workers, average for year	number.. 10 343 449
Production workers on March 12	number.. 10 337 196
Production workers on May 12	number.. 10 397 248
Production workers on August 12	number.. 10 391 019
Production workers on November 12	number.. 10 226 608
Production worker hours	1,000.. 20 453 699
Production worker wages	\$1,000.. 336 967 174
Total cost of materials	\$1,000.. 2 025 061 815
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 787 761 978
Resales	\$1,000.. 119 801 798
Purchased fuels	\$1,000.. 31 797 950
Purchased electricity	\$1,000.. 38 910 038
Contract work	\$1,000.. 46 790 051
Quantity of electricity purchased for heat and power	1,000 kWh.. 814 887 870
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 91 150 805
Total value of shipments	\$1,000.. 3 916 136 712
Value of resales	\$1,000.. 156 170 801
Value added	\$1,000.. 1 887 792 650
Total inventories, beginning of year	\$1,000.. 418 649 229
Finished goods inventories	\$1,000.. 155 450 815
Work-in-process inventories	\$1,000.. 116 908 987
Materials and supplies inventories	\$1,000.. 146 292 048
Total inventories, end of year	\$1,000.. 412 502 037
Finished goods inventories	\$1,000.. 152 607 016
Work-in-process inventories	\$1,000.. 116 523 288
Materials and supplies inventories	\$1,000.. 143 374 003
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 694 004 215
Total capital expenditures (new and used)	\$1,000.. 125 536 189
Buildings and other structures (new and used)	\$1,000.. 22 434 675
Machinery and equipment (new and used)	\$1,000.. 103 101 514
Automobiles, trucks, etc., for highway use	\$1,000.. 3 375 707
Computers and peripheral data processing equipment	\$1,000.. 7 862 664
All other expenditures for machinery and equipment	\$1,000.. 91 863 143
Total retirements	\$1,000.. 78 924 375
Gross value of depreciable assets at end of year	\$1,000.. 1 740 616 029
Depreciation charges during year	\$1,000.. 112 890 321
Total rental payments	\$1,000.. 35 711 619
Buildings and other structures	\$1,000.. 19 756 138
Machinery and equipment	\$1,000.. 15 955 481
Total other expenses ⁴	\$1,000.. 214 661 260
Response coverage ratio ⁵	percent.. 79
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 30 422 646
Communications services ⁴	\$1,000.. 5 634 164
Legal services ⁴	\$1,000.. 4 100 075
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 2 451 113
Advertising and promotional services ⁴	\$1,000.. 12 276 836
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 5 796 344
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 5 025 744
Management consulting and administrative services ⁴	\$1,000.. 8 857 506
Taxes and license fees ⁴	\$1,000.. 10 636 238
All other expenses (not included above) ⁴	\$1,000.. 127 271 251
311, Food manufacturing	
Companies ¹	number.. 23 344
All establishments ²	number.. 27 915
Establishments with 1 to 19 employees	number.. 19 179
Establishments with 20 to 99 employees	number.. 5 478
Establishments with 100 employees or more	number.. 3 258
All employees ³	number.. 1 506 932
Total compensation	\$1,000.. 57 432 134
Annual payroll	\$1,000.. 45 519 634
Total fringe benefits	\$1,000.. 11 912 500
Production workers, average for year	number.. 1 140 558
Production workers on March 12	number.. 1 122 651
Production workers on May 12	number.. 1 122 544
Production workers on August 12	number.. 1 170 265
Production workers on November 12	number.. 1 144 958
Production worker hours	1,000.. 2 283 779
Production worker wages	\$1,000.. 30 300 142
Total cost of materials	\$1,000.. 255 831 027
Materials, parts, containers, packaging, etc., used	\$1,000.. 231 151 347
Resales	\$1,000.. 16 852 975
Purchased fuels	\$1,000.. 3 202 761
Purchased electricity	\$1,000.. 3 587 864
Contract work	\$1,000.. 1 036 080
Quantity of electricity purchased for heat and power	1,000 kWh.. 68 442 072
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 3 803 402
Total value of shipments	\$1,000.. 458 786 540
Value of resales	\$1,000.. 20 268 828
Value added	\$1,000.. 203 639 578

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
311, Food manufacturing—Con.	
Total inventories, beginning of year	\$1,000.. 30 364 044
Finished goods inventories	\$1,000.. 17 762 154
Work-in-process inventories	\$1,000.. 2 610 820
Materials and supplies inventories	\$1,000.. 9 991 070
Total inventories, end of year	\$1,000.. 31 450 940
Finished goods inventories	\$1,000.. 18 328 600
Work-in-process inventories	\$1,000.. 2 772 467
Materials and supplies inventories	\$1,000.. 10 349 873
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 142 907 825
Total capital expenditures (new and used)	\$1,000.. 10 954 121
Buildings and other structures (new and used)	\$1,000.. 2 071 561
Machinery and equipment (new and used)	\$1,000.. 8 882 560
Automobiles, trucks, etc., for highway use	\$1,000.. 357 139
Computers and peripheral data processing equipment	\$1,000.. 526 749
All other expenditures for machinery and equipment	\$1,000.. 7 998 672
Total retirements	\$1,000.. 5 849 489
Gross value of depreciable assets at end of year	\$1,000.. 148 012 457
Depreciation charges during year	\$1,000.. 9 585 602
Total rental payments	\$1,000.. 3 376 645
Buildings and other structures	\$1,000.. 1 657 117
Machinery and equipment	\$1,000.. 1 719 528
Total other expenses ⁴	\$1,000.. 20 663 863
Response coverage ratio ⁵	percent.. 81
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 3 395 255
Communications services ⁴	\$1,000.. 334 870
Legal services ⁴	\$1,000.. 176 932
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 131 404
Advertising and promotional services ⁴	\$1,000.. 1 458 526
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 157 915
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 888 610
Management consulting and administrative services ⁴	\$1,000.. 564 946
Taxes and license fees ⁴	\$1,000.. 819 725
All other expenses (not included above) ⁴	\$1,000.. 12 735 681
312, Beverage and tobacco product manufacturing	
Companies ¹	number.. 2 533
All establishments ²	number.. 3 025
Establishments with 1 to 19 employees	number.. 2 038
Establishments with 20 to 99 employees	number.. 606
Establishments with 100 employees or more	number.. 381
All employees ³	number.. 160 305
Total compensation	\$1,000.. 9 113 544
Annual payroll	\$1,000.. 6 923 024
Total fringe benefits	\$1,000.. 2 190 520
Production workers, average for year	number.. 87 463
Production workers on March 12	number.. 83 287
Production workers on May 12	number.. 89 069
Production workers on August 12	number.. 89 569
Production workers on November 12	number.. 87 709
Production worker hours	1,000.. 172 876
Production worker wages	\$1,000.. 3 366 869
Total cost of materials	\$1,000.. 39 204 252
Materials, parts, containers, packaging, etc., used	\$1,000.. 35 265 899
Resales	\$1,000.. 3 024 642
Purchased fuels	\$1,000.. 279 390
Purchased electricity	\$1,000.. 482 200
Contract work	\$1,000.. 152 121
Quantity of electricity purchased for heat and power	1,000 kWh.. 8 221 018
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 105 714 263
Value of resales	\$1,000.. 3 595 851
Value added	\$1,000.. 66 699 254
Total inventories, beginning of year	\$1,000.. 14 728 888
Finished goods inventories	\$1,000.. 4 691 693
Work-in-process inventories	\$1,000.. 4 378 199
Materials and supplies inventories	\$1,000.. 5 658 996
Total inventories, end of year	\$1,000.. 14 878 515
Finished goods inventories	\$1,000.. 4 809 346
Work-in-process inventories	\$1,000.. 4 403 421
Materials and supplies inventories	\$1,000.. 5 665 748
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 40 429 402
Total capital expenditures (new and used)	\$1,000.. 3 362 043
Buildings and other structures (new and used)	\$1,000.. 628 380
Machinery and equipment (new and used)	\$1,000.. 2 733 663
Automobiles, trucks, etc., for highway use	\$1,000.. 105 631
Computers and peripheral data processing equipment	\$1,000.. 123 854
All other expenditures for machinery and equipment	\$1,000.. 2 504 178
Total retirements	\$1,000.. 1 115 642
Gross value of depreciable assets at end of year	\$1,000.. 42 675 803
Depreciation charges during year	\$1,000.. 2 388 721
Total rental payments	\$1,000.. 448 738
Buildings and other structures	\$1,000.. 238 713
Machinery and equipment	\$1,000.. 210 025

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
312, Beverage and tobacco product manufacturing—Con.	
Total other expenses ⁴	\$1,000.. 3 401 766
Response coverage ratio ⁵	percent.. 84
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 463 556
Communications services ⁴	\$1,000.. 59 459
Legal services ⁴	\$1,000.. 42 413
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 20 922
Advertising and promotional services ⁴	\$1,000.. 341 632
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 76 147
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 93 766
Management consulting and administrative services ⁴	\$1,000.. 150 078
Taxes and license fees ⁴	\$1,000.. 176 985
All other expenses (not included above) ⁴	\$1,000.. 1 976 809
313, Textile mills	
Companies ¹	number.. 3 278
All establishments ²	number.. 3 932
Establishments with 1 to 19 employees	number.. 2 261
Establishments with 20 to 99 employees	number.. 922
Establishments with 100 employees or more	number.. 749
All employees ³	number.. 269 064
Total compensation	\$1,000.. 9 562 210
Annual payroll	\$1,000.. 7 666 079
Total fringe benefits	\$1,000.. 1 896 131
Production workers, average for year	number.. 227 462
Production workers on March 12	number.. 229 291
Production workers on May 12	number.. 229 564
Production workers on August 12	number.. 227 459
Production workers on November 12	number.. 223 153
Production worker hours	\$1,000.. 456 090
Production worker wages	\$1,000.. 5 649 526
Total cost of materials	\$1,000.. 26 387 870
Materials, parts, containers, packaging, etc., used	\$1,000.. 23 656 448
Resales	\$1,000.. 649 298
Purchased fuels	\$1,000.. 456 545
Purchased electricity	\$1,000.. 1 058 997
Contract work	\$1,000.. 566 582
Quantity of electricity purchased for heat and power	1,000 kWh.. 23 627 040
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 45 652 142
Value of resales	\$1,000.. 856 921
Value added	\$1,000.. 18 971 798
Total inventories, beginning of year	\$1,000.. 5 178 370
Finished goods inventories	\$1,000.. 2 341 529
Work-in-process inventories	\$1,000.. 1 384 183
Materials and supplies inventories	\$1,000.. 1 452 658
Total inventories, end of year	\$1,000.. 4 782 876
Finished goods inventories	\$1,000.. 2 176 308
Work-in-process inventories	\$1,000.. 1 256 935
Materials and supplies inventories	\$1,000.. 1 349 633
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 28 479 407
Total capital expenditures (new and used)	\$1,000.. 1 415 188
Buildings and other structures (new and used)	\$1,000.. 174 200
Machinery and equipment (new and used)	\$1,000.. 1 240 988
Automobiles, trucks, etc., for highway use	\$1,000.. 18 004
Computers and peripheral data processing equipment	\$1,000.. 92 463
All other expenditures for machinery and equipment	\$1,000.. 1 130 521
Total retirements	\$1,000.. 1 118 202
Gross value of depreciable assets at end of year	\$1,000.. 28 776 393
Depreciation charges during year	\$1,000.. 1 742 808
Total rental payments	\$1,000.. 390 496
Buildings and other structures	\$1,000.. 195 176
Machinery and equipment	\$1,000.. 195 320
Total other expenses ⁴	\$1,000.. 3 705 217
Response coverage ratio ⁵	percent.. 80
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 443 904
Communications services ⁴	\$1,000.. 73 648
Legal services ⁴	\$1,000.. 79 666
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 52 864
Advertising and promotional services ⁴	\$1,000.. 70 469
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 40 782
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 86 991
Management consulting and administrative services ⁴	\$1,000.. 71 107
Taxes and license fees ⁴	\$1,000.. 119 051
All other expenses (not included above) ⁴	\$1,000.. 1 269 036

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
314, Textile product mills	
Companies ¹	number.. 6 944
All establishments ²	number.. 7 304
Establishments with 1 to 19 employees	number.. 5 769
Establishments with 20 to 99 employees	number.. 1 146
Establishments with 100 employees or more	number.. 389
All employees ³	number.. 183 333
Total compensation	\$1,000.. 5 773 152
Annual payroll	\$1,000.. 4 759 988
Total fringe benefits	\$1,000.. 1 013 164
Production workers, average for year	number.. 147 290
Production workers on March 12	number.. 146 798
Production workers on May 12	number.. 149 162
Production workers on August 12	number.. 147 794
Production workers on November 12	number.. 145 092
Production worker hours	1,000.. 288 203
Production worker wages	\$1,000.. 3 195 008
Total cost of materials	\$1,000.. 18 425 107
Materials, parts, containers, packaging, etc., used	\$1,000.. 16 312 992
Resales	\$1,000.. 1 336 212
Purchased fuels	\$1,000.. 166 275
Purchased electricity	\$1,000.. 228 632
Contract work	\$1,000.. 380 996
Quantity of electricity purchased for heat and power	1,000 kWh.. 4 848 342
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 247
Total value of shipments	\$1,000.. 32 273 047
Value of resales	\$1,000.. 1 880 167
Value added	\$1,000.. 13 188 004
Total inventories, beginning of year	\$1,000.. 4 406 452
Finished goods inventories	\$1,000.. 2 106 459
Work-in-process inventories	\$1,000.. 672 287
Materials and supplies inventories	\$1,000.. 1 627 706
Total inventories, end of year	\$1,000.. 3 372 573
Finished goods inventories	\$1,000.. 1 557 261
Work-in-process inventories	\$1,000.. 561 555
Materials and supplies inventories	\$1,000.. 1 253 757
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 6 729 989
Total capital expenditures (new and used)	\$1,000.. 487 817
Buildings and other structures (new and used)	\$1,000.. 62 685
Machinery and equipment (new and used)	\$1,000.. 425 132
Automobiles, trucks, etc., for highway use	\$1,000.. 17 500
Computers and peripheral data processing equipment	\$1,000.. 45 363
All other expenditures for machinery and equipment	\$1,000.. 362 269
Total retirements	\$1,000.. 315 505
Gross value of depreciable assets at end of year	\$1,000.. 6 902 301
Depreciation charges during year	\$1,000.. 462 464
Total rental payments	\$1,000.. 333 467
Buildings and other structures	\$1,000.. 214 839
Machinery and equipment	\$1,000.. 118 628
Total other expenses ⁴	\$1,000.. 1 081 776
Response coverage ratio ⁵	percent.. 76
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 104 865
Communications services ⁴	\$1,000.. 37 101
Legal services ⁴	\$1,000.. 17 247
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 16 522
Advertising and promotional services ⁴	\$1,000.. 129 357
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 26 241
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 30 335
Management consulting and administrative services ⁴	\$1,000.. 33 261
Taxes and license fees ⁴	\$1,000.. 113 252
All other expenses (not included above) ⁴	\$1,000.. 573 596
315, Apparel manufacturing	
Companies ¹	number.. 12 563
All establishments ²	number.. 13 038
Establishments with 1 to 19 employees	number.. 9 769
Establishments with 20 to 99 employees	number.. 2 531
Establishments with 100 employees or more	number.. 738
All employees ³	number.. 343 450
Total compensation	\$1,000.. 8 841 702
Annual payroll	\$1,000.. 7 454 143
Total fringe benefits	\$1,000.. 1 387 559
Production workers, average for year	number.. 273 753
Production workers on March 12	number.. 275 712
Production workers on May 12	number.. 276 479
Production workers on August 12	number.. 273 819
Production workers on November 12	number.. 268 620
Production worker hours	1,000.. 494 194
Production worker wages	\$1,000.. 4 724 156
Total cost of materials	\$1,000.. 22 939 723
Materials, parts, containers, packaging, etc., used	\$1,000.. 14 328 872
Resales	\$1,000.. 4 358 346
Purchased fuels	\$1,000.. 119 257
Purchased electricity	\$1,000.. 217 440
Contract work	\$1,000.. 3 915 808
Quantity of electricity purchased for heat and power	1,000 kWh.. 3 494 486
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
315, Apparel manufacturing—Con.	
Total value of shipments	\$1,000.. 44 521 126
Value of resales	\$1,000.. 6 642 701
Value added	\$1,000.. 21 350 836
Total inventories, beginning of year	\$1,000.. 6 064 100
Finished goods inventories	\$1,000.. 3 428 568
Work-in-process inventories	\$1,000.. 1 062 354
Materials and supplies inventories	\$1,000.. 1 573 178
Total inventories, end of year	\$1,000.. 5 803 540
Finished goods inventories	\$1,000.. 3 178 820
Work-in-process inventories	\$1,000.. 1 081 713
Materials and supplies inventories	\$1,000.. 1 543 007
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 6 984 391
Total capital expenditures (new and used)	\$1,000.. 461 274
Buildings and other structures (new and used)	\$1,000.. 84 930
Machinery and equipment (new and used)	\$1,000.. 376 344
Automobiles, trucks, etc., for highway use	\$1,000.. 18 563
Computers and peripheral data processing equipment	\$1,000.. 63 256
All other expenditures for machinery and equipment	\$1,000.. 294 525
Total retirements	\$1,000.. 403 075
Gross value of depreciable assets at end of year	\$1,000.. 7 042 590
Depreciation charges during year	\$1,000.. 501 501
Total rental payments	\$1,000.. 557 830
Buildings and other structures	\$1,000.. 376 488
Machinery and equipment	\$1,000.. 181 342
Total other expenses ⁴	\$1,000.. 1 747 556
Response coverage ratio ⁵	percent.. 65
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 87 305
Communications services ⁴	\$1,000.. 56 494
Legal services ⁴	\$1,000.. 33 589
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 35 495
Advertising and promotional services ⁴	\$1,000.. 194 905
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 50 245
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 22 192
Management consulting and administrative services ⁴	\$1,000.. 48 683
Taxes and license fees ⁴	\$1,000.. 64 840
All other expenses (not included above) ⁴	\$1,000.. 1 153 807
316, Leather and allied product manufacturing	
Companies ¹	number.. 1 462
All establishments ²	number.. 1 522
Establishments with 1 to 19 employees	number.. 1 128
Establishments with 20 to 99 employees	number.. 279
Establishments with 100 employees or more	number.. 115
All employees ³	number.. 44 543
Total compensation	\$1,000.. 1 411 969
Annual payroll	\$1,000.. 1 160 833
Total fringe benefits	\$1,000.. 251 136
Production workers, average for year	number.. 35 317
Production workers on March 12	number.. 35 462
Production workers on May 12	number.. 35 849
Production workers on August 12	number.. 35 160
Production workers on November 12	number.. 34 707
Production worker hours	\$1,000.. 66 298
Production worker wages	\$1,000.. 728 377
Total cost of materials	\$1,000.. 3 309 255
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 616 887
Resales	\$1,000.. 410 086
Purchased fuels	\$1,000.. 18 136
Purchased electricity	\$1,000.. 38 946
Contract work	\$1,000.. 225 200
Quantity of electricity purchased for heat and power	1,000 kWh.. 586 978
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 6 254 100
Value of resales	\$1,000.. 618 464
Value added	\$1,000.. 2 872 273
Total inventories, beginning of year	\$1,000.. 972 890
Finished goods inventories	\$1,000.. 519 876
Work-in-process inventories	\$1,000.. 163 636
Materials and supplies inventories	\$1,000.. 289 378
Total inventories, end of year	\$1,000.. 863 630
Finished goods inventories	\$1,000.. 467 344
Work-in-process inventories	\$1,000.. 143 600
Materials and supplies inventories	\$1,000.. 252 686
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 313 328
Total capital expenditures (new and used)	\$1,000.. 78 307
Buildings and other structures (new and used)	\$1,000.. 9 883
Machinery and equipment (new and used)	\$1,000.. 68 424
Automobiles, trucks, etc., for highway use	\$1,000.. 3 284
Computers and peripheral data processing equipment	\$1,000.. 8 987
All other expenditures for machinery and equipment	\$1,000.. 56 153
Total retirements	\$1,000.. 85 072
Gross value of depreciable assets at end of year	\$1,000.. 1 306 563
Depreciation charges during year	\$1,000.. 95 015
Total rental payments	\$1,000.. 73 356
Buildings and other structures	\$1,000.. 47 189
Machinery and equipment	\$1,000.. 26 167

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
316, Leather and allied product manufacturing—Con.	
Total other expenses ⁴	\$1,000.. 327 217
Response coverage ratio ⁵	percent.. 66
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 27 897
Communications services ⁴	\$1,000.. 8 887
Legal services ⁴	\$1,000.. 6 063
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 4 783
Advertising and promotional services ⁴	\$1,000.. 35 174
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 9 529
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 15 819
Management consulting and administrative services ⁴	\$1,000.. 12 737
Taxes and license fees ⁴	\$1,000.. 14 490
All other expenses (not included above) ⁴	\$1,000.. 191 838
321, Wood product manufacturing	
Companies ¹	number.. 15 355
All establishments ²	number.. 17 202
Establishments with 1 to 19 employees	number.. 11 547
Establishments with 20 to 99 employees	number.. 4 326
Establishments with 100 employees or more	number.. 1 329
All employees ³	number.. 540 565
Total compensation	\$1,000.. 19 605 846
Annual payroll	\$1,000.. 16 054 554
Total fringe benefits	\$1,000.. 3 551 292
Production workers, average for year	number.. 442 207
Production workers on March 12	number.. 436 709
Production workers on May 12	number.. 443 312
Production workers on August 12	number.. 448 638
Production workers on November 12	number.. 438 956
Production worker hours	\$1,000.. 877 199
Production worker wages	\$1,000.. 11 561 660
Total cost of materials	\$1,000.. 54 024 783
Materials, parts, containers, packaging, etc., used	\$1,000.. 48 974 941
Resales	\$1,000.. 2 713 654
Purchased fuels	\$1,000.. 479 867
Purchased electricity	\$1,000.. 1 181 805
Contract work	\$1,000.. 674 516
Quantity of electricity purchased for heat and power	1,000 kWh.. 21 913 574
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 638 951
Total value of shipments	\$1,000.. 89 085 026
Value of resales	\$1,000.. 3 536 566
Value added	\$1,000.. 35 147 018
Total inventories, beginning of year	\$1,000.. 9 309 244
Finished goods inventories	\$1,000.. 3 696 788
Work-in-process inventories	\$1,000.. 1 822 122
Materials and supplies inventories	\$1,000.. 3 790 334
Total inventories, end of year	\$1,000.. 9 520 383
Finished goods inventories	\$1,000.. 3 778 723
Work-in-process inventories	\$1,000.. 1 827 017
Materials and supplies inventories	\$1,000.. 3 914 643
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 36 412 103
Total capital expenditures (new and used)	\$1,000.. 2 416 067
Buildings and other structures (new and used)	\$1,000.. 384 562
Machinery and equipment (new and used)	\$1,000.. 2 031 505
Automobiles, trucks, etc., for highway use	\$1,000.. 150 792
Computers and peripheral data processing equipment	\$1,000.. 131 635
All other expenditures for machinery and equipment	\$1,000.. 1 749 078
Total retirements	\$1,000.. 1 215 722
Gross value of depreciable assets at end of year	\$1,000.. 37 612 448
Depreciation charges during year	\$1,000.. 2 402 854
Total rental payments	\$1,000.. 968 610
Buildings and other structures	\$1,000.. 518 316
Machinery and equipment	\$1,000.. 450 294
Total other expenses ⁴	\$1,000.. 5 667 145
Response coverage ratio ⁵	percent.. 78
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 859 386
Communications services ⁴	\$1,000.. 141 780
Legal services ⁴	\$1,000.. 93 836
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 101 227
Advertising and promotional services ⁴	\$1,000.. 288 348
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 68 997
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 105 468
Management consulting and administrative services ⁴	\$1,000.. 126 543
Taxes and license fees ⁴	\$1,000.. 435 944
All other expenses (not included above) ⁴	\$1,000.. 3 445 617

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
322, Paper manufacturing	
Companies ¹	number.. 3 536
All establishments ²	number.. 5 520
Establishments with 1 to 19 employees	number.. 1 980
Establishments with 20 to 99 employees	number.. 2 071
Establishments with 100 employees or more	number.. 1 469
All employees ³	number.. 491 436
Total compensation	\$1,000.. 27 537 280
Annual payroll	\$1,000.. 21 497 243
Total fringe benefits	\$1,000.. 6 040 037
Production workers, average for year	number.. 376 672
Production workers on March 12	number.. 377 647
Production workers on May 12	number.. 378 128
Production workers on August 12	number.. 376 868
Production workers on November 12	number.. 373 184
Production worker hours	1,000.. 782 131
Production worker wages	\$1,000.. 14 657 699
Total cost of materials	\$1,000.. 78 063 027
Materials, parts, containers, packaging, etc., used	\$1,000.. 67 529 170
Resales	\$1,000.. 2 823 808
Purchased fuels	\$1,000.. 3 587 925
Purchased electricity	\$1,000.. 3 086 228
Contract work	\$1,000.. 1 035 896
Quantity of electricity purchased for heat and power	1,000 kWh.. 71 488 695
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 35 290 982
Total value of shipments	\$1,000.. 153 766 022
Value of resales	\$1,000.. 3 462 177
Value added	\$1,000.. 75 780 418
Total inventories, beginning of year	\$1,000.. 14 020 788
Finished goods inventories	\$1,000.. 6 100 047
Work-in-process inventories	\$1,000.. 1 195 770
Materials and supplies inventories	\$1,000.. 6 724 971
Total inventories, end of year	\$1,000.. 14 280 737
Finished goods inventories	\$1,000.. 6 149 254
Work-in-process inventories	\$1,000.. 1 223 998
Materials and supplies inventories	\$1,000.. 6 907 485
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 132 515 845
Total capital expenditures (new and used)	\$1,000.. 6 260 387
Buildings and other structures (new and used)	\$1,000.. 806 581
Machinery and equipment (new and used)	\$1,000.. 5 453 806
Automobiles, trucks, etc., for highway use	\$1,000.. 72 972
Computers and peripheral data processing equipment	\$1,000.. 233 177
All other expenditures for machinery and equipment	\$1,000.. 5 147 657
Total retirements	\$1,000.. 3 912 960
Gross value of depreciable assets at end of year	\$1,000.. 134 863 272
Depreciation charges during year	\$1,000.. 7 731 095
Total rental payments	\$1,000.. 1 357 560
Buildings and other structures	\$1,000.. 745 017
Machinery and equipment	\$1,000.. 612 543
Total other expenses ⁴	\$1,000.. 9 878 490
Response coverage ratio ⁵	percent.. 89
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 2 256 908
Communications services ⁴	\$1,000.. 173 694
Legal services ⁴	\$1,000.. 86 642
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 54 684
Advertising and promotional services ⁴	\$1,000.. 297 154
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 130 778
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 342 942
Management consulting and administrative services ⁴	\$1,000.. 259 782
Taxes and license fees ⁴	\$1,000.. 659 265
All other expenses (not included above) ⁴	\$1,000.. 5 616 639
323, Printing and related support activities	
Companies ¹	number.. 35 739
All establishments ²	number.. 37 538
Establishments with 1 to 19 employees	number.. 30 404
Establishments with 20 to 99 employees	number.. 5 768
Establishments with 100 employees or more	number.. 1 366
All employees ³	number.. 715 777
Total compensation	\$1,000.. 30 266 578
Annual payroll	\$1,000.. 25 627 770
Total fringe benefits	\$1,000.. 4 638 808
Production workers, average for year	number.. 513 847
Production workers on March 12	number.. 515 128
Production workers on May 12	number.. 515 902
Production workers on August 12	number.. 513 456
Production workers on November 12	number.. 509 619
Production worker hours	1,000.. 968 457
Production worker wages	\$1,000.. 15 907 024
Total cost of materials	\$1,000.. 36 594 704
Materials, parts, containers, packaging, etc., used	\$1,000.. 29 691 622
Resales	\$1,000.. 2 637 940
Purchased fuels	\$1,000.. 266 721
Purchased electricity	\$1,000.. 912 552
Contract work	\$1,000.. 3 085 869
Quantity of electricity purchased for heat and power	1,000 kWh.. 14 742 492
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 42 410

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
323, Printing and related support activities—Con.	
Total value of shipments	\$1,000.. 95 726 203
Value of resales	\$1,000.. 3 835 046
Value added	\$1,000.. 59 091 897
Total inventories, beginning of year	\$1,000.. 5 822 662
Finished goods inventories	\$1,000.. 1 622 140
Work-in-process inventories	\$1,000.. 1 489 610
Materials and supplies inventories	\$1,000.. 2 710 912
Total inventories, end of year	\$1,000.. 5 789 312
Finished goods inventories	\$1,000.. 1 582 947
Work-in-process inventories	\$1,000.. 1 489 698
Materials and supplies inventories	\$1,000.. 2 716 667
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 49 006 379
Total capital expenditures (new and used)	\$1,000.. 3 872 928
Buildings and other structures (new and used)	\$1,000.. 431 538
Machinery and equipment (new and used)	\$1,000.. 3 441 390
Automobiles, trucks, etc., for highway use	\$1,000.. 125 069
Computers and peripheral data processing equipment	\$1,000.. 417 718
All other expenditures for machinery and equipment	\$1,000.. 2 898 603
Total retirements	\$1,000.. 2 692 375
Gross value of depreciable assets at end of year	\$1,000.. 50 186 932
Depreciation charges during year	\$1,000.. 3 608 381
Total rental payments	\$1,000.. 2 191 546
Buildings and other structures	\$1,000.. 1 255 774
Machinery and equipment	\$1,000.. 935 772
Total other expenses ⁴	\$1,000.. 7 287 213
Response coverage ratio ⁵	percent.. 75
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 959 512
Communications services ⁴	\$1,000.. 244 493
Legal services ⁴	\$1,000.. 93 371
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 100 343
Advertising and promotional services ⁴	\$1,000.. 327 161
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 165 244
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 81 206
Management consulting and administrative services ⁴	\$1,000.. 151 583
Taxes and license fees ⁴	\$1,000.. 315 788
All other expenses (not included above) ⁴	\$1,000.. 4 848 511
324, Petroleum and coal products manufacturing	
Companies ¹	number.. 1 106
All establishments ²	number.. 2 262
Establishments with 1 to 19 employees	number.. 1 610
Establishments with 20 to 99 employees	number.. 434
Establishments with 100 employees or more	number.. 218
All employees ³	number.. 102 836
Total compensation	\$1,000.. 8 017 246
Annual payroll	\$1,000.. 6 151 468
Total fringe benefits	\$1,000.. 1 865 778
Production workers, average for year	number.. 66 412
Production workers on March 12	number.. 64 165
Production workers on May 12	number.. 67 560
Production workers on August 12	number.. 67 719
Production workers on November 12	number.. 65 863
Production worker hours	\$1,000.. 139 836
Production worker wages	\$1,000.. 3 741 212
Total cost of materials	\$1,000.. 179 629 918
Materials, parts, containers, packaging, etc., used	\$1,000.. 167 656 029
Resales	\$1,000.. 4 561 113
Purchased fuels	\$1,000.. 4 807 382
Purchased electricity	\$1,000.. 1 689 647
Contract work	\$1,000.. 915 747
Quantity of electricity purchased for heat and power	1,000 kWh.. 39 072 963
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 11 945 939
Total value of shipments	\$1,000.. 215 312 899
Value of resales	\$1,000.. 4 726 356
Value added	\$1,000.. 36 969 633
Total inventories, beginning of year	\$1,000.. 12 595 374
Finished goods inventories	\$1,000.. 5 938 540
Work-in-process inventories	\$1,000.. 3 161 954
Materials and supplies inventories	\$1,000.. 3 494 880
Total inventories, end of year	\$1,000.. 14 239 292
Finished goods inventories	\$1,000.. 6 867 549
Work-in-process inventories	\$1,000.. 3 519 717
Materials and supplies inventories	\$1,000.. 3 852 026
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 87 084 454
Total capital expenditures (new and used)	\$1,000.. 8 170 674
Buildings and other structures (new and used)	\$1,000.. 3 472 421
Machinery and equipment (new and used)	\$1,000.. 4 698 253
Automobiles, trucks, etc., for highway use	\$1,000.. 55 643
Computers and peripheral data processing equipment	\$1,000.. 212 958
All other expenditures for machinery and equipment	\$1,000.. 4 429 652
Total retirements	\$1,000.. 1 483 229
Gross value of depreciable assets at end of year	\$1,000.. 93 771 899
Depreciation charges during year	\$1,000.. 4 236 216
Total rental payments	\$1,000.. 713 939
Buildings and other structures	\$1,000.. 221 647
Machinery and equipment	\$1,000.. 492 292

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
324, Petroleum and coal products manufacturing—Con.	
Total other expenses ⁴	\$1,000.. 8 433 956
Response coverage ratio ⁵	percent.. 86
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 2 231 178
Communications services ⁴	\$1,000.. 86 812
Legal services ⁴	\$1,000.. 69 202
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 64 759
Advertising and promotional services ⁴	\$1,000.. 35 115
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 137 708
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 236 049
Management consulting and administrative services ⁴	\$1,000.. 313 168
Taxes and license fees ⁴	\$1,000.. 558 749
All other expenses (not included above) ⁴	\$1,000.. 4 701 216
325, Chemical manufacturing	
Companies ¹	number.. 9 660
All establishments ²	number.. 13 476
Establishments with 1 to 19 employees	number.. 7 976
Establishments with 20 to 99 employees	number.. 3 736
Establishments with 100 employees or more	number.. 1 764
All employees ³	number.. 852 297
Total compensation	\$1,000.. 56 275 707
Annual payroll	\$1,000.. 44 556 764
Total fringe benefits	\$1,000.. 11 718 943
Production workers, average for year	number.. 482 415
Production workers on March 12	number.. 479 780
Production workers on May 12	number.. 487 085
Production workers on August 12	number.. 485 375
Production workers on November 12	number.. 476 225
Production worker hours	\$1,000.. 984 819
Production worker wages	\$1,000.. 21 062 364
Total cost of materials	\$1,000.. 206 900 774
Materials, parts, containers, packaging, etc., used	\$1,000.. 175 024 218
Resales	\$1,000.. 14 685 489
Purchased fuels	\$1,000.. 7 697 716
Purchased electricity	\$1,000.. 6 103 884
Contract work	\$1,000.. 3 389 467
Quantity of electricity purchased for heat and power	1,000 kWh.. 148 231 945
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 36 183 500
Total value of shipments	\$1,000.. 460 424 786
Value of resales	\$1,000.. 20 906 309
Value added	\$1,000.. 253 608 726
Total inventories, beginning of year	\$1,000.. 48 081 427
Finished goods inventories	\$1,000.. 23 763 906
Work-in-process inventories	\$1,000.. 8 473 560
Materials and supplies inventories	\$1,000.. 15 846 390
Total inventories, end of year	\$1,000.. 48 480 534
Finished goods inventories	\$1,000.. 23 339 849
Work-in-process inventories	\$1,000.. 8 982 835
Materials and supplies inventories	\$1,000.. 16 139 923
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 277 468 417
Total capital expenditures (new and used)	\$1,000.. 17 843 128
Buildings and other structures (new and used)	\$1,000.. 3 351 070
Machinery and equipment (new and used)	\$1,000.. 14 492 058
Automobiles, trucks, etc., for highway use	\$1,000.. 276 276
Computers and peripheral data processing equipment	\$1,000.. 927 091
All other expenditures for machinery and equipment	\$1,000.. 13 288 691
Total retirements	\$1,000.. 10 596 899
Gross value of depreciable assets at end of year	\$1,000.. 284 714 646
Depreciation charges during year	\$1,000.. 15 585 617
Total rental payments	\$1,000.. 2 971 550
Buildings and other structures	\$1,000.. 1 435 356
Machinery and equipment	\$1,000.. 1 536 194
Total other expenses ⁴	\$1,000.. 28 334 335
Response coverage ratio ⁵	percent.. 84
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 4 446 555
Communications services ⁴	\$1,000.. 472 522
Legal services ⁴	\$1,000.. 603 821
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 135 791
Advertising and promotional services ⁴	\$1,000.. 3 324 879
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 629 127
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 947 311
Management consulting and administrative services ⁴	\$1,000.. 2 173 147
Taxes and license fees ⁴	\$1,000.. 1 544 331
All other expenses (not included above) ⁴	\$1,000.. 14 057 377
326, Plastics and rubber products manufacturing	
Companies ¹	number.. 12 286
All establishments ²	number.. 15 529
Establishments with 1 to 19 employees	number.. 7 636
Establishments with 20 to 99 employees	number.. 5 291
Establishments with 100 employees or more	number.. 2 602
All employees ³	number.. 983 757
Total compensation	\$1,000.. 41 390 550
Annual payroll	\$1,000.. 32 619 736
Total fringe benefits	\$1,000.. 8 770 814

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
326, Plastics and rubber products manufacturing—Con.	
Production workers, average for year	number.. 766 130
Production workers on March 12	number.. 762 508
Production workers on May 12	number.. 771 479
Production workers on August 12	number.. 769 941
Production workers on November 12	number.. 758 941
Production worker hours	1,000.. 1 516 936
Production worker wages	\$1,000.. 21 840 259
Total cost of materials	\$1,000.. 82 058 469
Materials, parts, containers, packaging, etc., used	\$1,000.. 72 663 691
Resales	\$1,000.. 4 455 480
Purchased fuels	\$1,000.. 749 782
Purchased electricity	\$1,000.. 2 992 737
Contract work	\$1,000.. 1 196 779
Quantity of electricity purchased for heat and power	1,000 kWh.. 53 956 525
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 185 801
Total value of shipments	\$1,000.. 174 369 289
Value of resales	\$1,000.. 5 950 458
Value added	\$1,000.. 92 462 047
Total inventories, beginning of year	\$1,000.. 15 532 485
Finished goods inventories	\$1,000.. 7 645 197
Work-in-process inventories	\$1,000.. 1 944 012
Materials and supplies inventories	\$1,000.. 5 943 276
Total inventories, end of year	\$1,000.. 15 793 501
Finished goods inventories	\$1,000.. 7 874 674
Work-in-process inventories	\$1,000.. 1 865 840
Materials and supplies inventories	\$1,000.. 6 052 987
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 90 043 396
Total capital expenditures (new and used)	\$1,000.. 7 415 155
Buildings and other structures (new and used)	\$1,000.. 911 152
Machinery and equipment (new and used)	\$1,000.. 6 504 003
Automobiles, trucks, etc., for highway use	\$1,000.. 165 987
Computers and peripheral data processing equipment	\$1,000.. 356 385
All other expenditures for machinery and equipment	\$1,000.. 5 981 631
Total retirements	\$1,000.. 4 046 128
Gross value of depreciable assets at end of year	\$1,000.. 93 412 423
Depreciation charges during year	\$1,000.. 6 443 735
Total rental payments	\$1,000.. 2 135 845
Buildings and other structures	\$1,000.. 1 337 763
Machinery and equipment	\$1,000.. 798 082
Total other expenses ⁴	\$1,000.. 11 902 101
Response coverage ratio ⁵	percent.. 81
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 1 826 972
Communications services ⁴	\$1,000.. 447 515
Legal services ⁴	\$1,000.. 172 102
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 106 670
Advertising and promotional services ⁴	\$1,000.. 341 063
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 163 500
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 237 944
Management consulting and administrative services ⁴	\$1,000.. 281 267
Taxes and license fees ⁴	\$1,000.. 619 146
All other expenses (not included above) ⁴	\$1,000.. 7 705 921
327, Nonmetallic mineral product manufacturing	
Companies ¹	number.. 11 519
All establishments ²	number.. 16 706
Establishments with 1 to 19 employees	number.. 11 276
Establishments with 20 to 99 employees	number.. 4 423
Establishments with 100 employees or more	number.. 1 007
All employees ³	number.. 483 161
Total compensation	\$1,000.. 22 830 952
Annual payroll	\$1,000.. 17 929 311
Total fringe benefits	\$1,000.. 4 901 641
Production workers, average for year	number.. 375 205
Production workers on March 12	number.. 369 482
Production workers on May 12	number.. 378 517
Production workers on August 12	number.. 378 388
Production workers on November 12	number.. 372 656
Production worker hours	1,000.. 765 922
Production worker wages	\$1,000.. 12 533 416
Total cost of materials	\$1,000.. 40 559 687
Materials, parts, containers, packaging, etc., used	\$1,000.. 32 319 828
Resales	\$1,000.. 2 774 113
Purchased fuels	\$1,000.. 2 679 394
Purchased electricity	\$1,000.. 1 990 963
Contract work	\$1,000.. 795 389
Quantity of electricity purchased for heat and power	1,000 kWh.. 40 807 805
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 190 334
Total value of shipments	\$1,000.. 95 261 480
Value of resales	\$1,000.. 3 634 172
Value added	\$1,000.. 54 864 987
Total inventories, beginning of year	\$1,000.. 9 289 530
Finished goods inventories	\$1,000.. 4 666 465
Work-in-process inventories	\$1,000.. 1 196 261
Materials and supplies inventories	\$1,000.. 3 426 804

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
327, Nonmetallic mineral product manufacturing—Con.	
Total inventories, end of year	\$1,000.. 9 496 757
Finished goods inventories	\$1,000.. 4 783 348
Work-in-process inventories	\$1,000.. 1 242 679
Materials and supplies inventories	\$1,000.. 3 470 730
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 64 250 380
Total capital expenditures (new and used)	\$1,000.. 5 202 327
Buildings and other structures (new and used)	\$1,000.. 770 625
Machinery and equipment (new and used)	\$1,000.. 4 431 702
Automobiles, trucks, etc., for highway use	\$1,000.. 420 138
Computers and peripheral data processing equipment	\$1,000.. 183 993
All other expenditures for machinery and equipment	\$1,000.. 3 827 571
Total retirements	\$1,000.. 2 291 863
Gross value of depreciable assets at end of year	\$1,000.. 67 160 844
Depreciation charges during year	\$1,000.. 4 345 272
Total rental payments	\$1,000.. 1 239 177
Buildings and other structures	\$1,000.. 565 682
Machinery and equipment	\$1,000.. 673 495
Total other expenses ⁴	\$1,000.. 6 264 684
Response coverage ratio ⁵	percent.. 78
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 1 363 876
Communications services ⁴	\$1,000.. 163 305
Legal services ⁴	\$1,000.. 87 202
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 67 320
Advertising and promotional services ⁴	\$1,000.. 144 818
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 72 196
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 157 055
Management consulting and administrative services ⁴	\$1,000.. 136 537
Taxes and license fees ⁴	\$1,000.. 415 339
All other expenses (not included above) ⁴	\$1,000.. 3 657 035
331, Primary metal manufacturing	
Companies ¹	number.. 4 146
All establishments ²	number.. 5 194
Establishments with 1 to 19 employees	number.. 2 387
Establishments with 20 to 99 employees	number.. 1 630
Establishments with 100 employees or more	number.. 1 177
All employees ³	number.. 490 417
Total compensation	\$1,000.. 28 732 031
Annual payroll	\$1,000.. 21 399 636
Total fringe benefits	\$1,000.. 7 332 395
Production workers, average for year	number.. 383 241
Production workers on March 12	number.. 384 566
Production workers on May 12	number.. 386 300
Production workers on August 12	number.. 383 757
Production workers on November 12	number.. 377 757
Production worker hours	\$1,000.. 795 901
Production worker wages	\$1,000.. 15 427 168
Total cost of materials	\$1,000.. 82 123 176
Materials, parts, containers, packaging, etc., used	\$1,000.. 68 940 639
Resales	\$1,000.. 2 030 451
Purchased fuels	\$1,000.. 3 418 156
Purchased electricity	\$1,000.. 4 620 997
Contract work	\$1,000.. 3 112 933
Quantity of electricity purchased for heat and power	1,000 kWh.. 132 004 009
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 059 316
Total value of shipments	\$1,000.. 139 343 112
Value of resales	\$1,000.. 2 208 744
Value added	\$1,000.. 57 077 697
Total inventories, beginning of year	\$1,000.. 19 651 738
Finished goods inventories	\$1,000.. 6 387 056
Work-in-process inventories	\$1,000.. 6 449 205
Materials and supplies inventories	\$1,000.. 6 815 477
Total inventories, end of year	\$1,000.. 19 554 785
Finished goods inventories	\$1,000.. 6 281 746
Work-in-process inventories	\$1,000.. 6 412 330
Materials and supplies inventories	\$1,000.. 6 860 709
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 89 259 360
Total capital expenditures (new and used)	\$1,000.. 4 276 637
Buildings and other structures (new and used)	\$1,000.. 442 853
Machinery and equipment (new and used)	\$1,000.. 3 833 784
Automobiles, trucks, etc., for highway use	\$1,000.. 52 987
Computers and peripheral data processing equipment	\$1,000.. 208 506
All other expenditures for machinery and equipment	\$1,000.. 3 572 291
Total retirements	\$1,000.. 2 456 060
Gross value of depreciable assets at end of year	\$1,000.. 91 079 937
Depreciation charges during year	\$1,000.. 5 349 387
Total rental payments	\$1,000.. 894 332
Buildings and other structures	\$1,000.. 361 329
Machinery and equipment	\$1,000.. 533 003
Total other expenses ⁴	\$1,000.. 7 799 634
Response coverage ratio ⁵	percent.. 79
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 2 179 299
Communications services ⁴	\$1,000.. 124 239
Legal services ⁴	\$1,000.. 132 846
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 67 087
Advertising and promotional services ⁴	\$1,000.. 53 121
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 127 259
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 411 268
Management consulting and administrative services ⁴	\$1,000.. 285 495

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
331, Primary metal manufacturing—Con.	
Total other expenses ⁴ —Con.	
Response coverage ratio ⁵ —Con.	
Taxes and license fees ⁴	\$1,000.. 453 731
All other expenses (not included above) ⁴	\$1,000.. 3 963 497
332, Fabricated metal product manufacturing	
Companies ¹	number.. 58 017
All establishments ²	number.. 62 219
Establishments with 1 to 19 employees	number.. 45 022
Establishments with 20 to 99 employees	number.. 13 917
Establishments with 100 employees or more	number.. 3 280
All employees ³	number.. 1 574 827
Total compensation	\$1,000.. 70 664 433
Annual payroll	\$1,000.. 57 534 861
Total fringe benefits	\$1,000.. 13 129 572
Production workers, average for year	number.. 1 169 237
Production workers on March 12	number.. 1 169 616
Production workers on May 12	number.. 1 175 723
Production workers on August 12	number.. 1 171 653
Production workers on November 12	number.. 1 156 710
Production worker hours	1,000 kWh.. 2 321 664
Production worker wages	\$1,000.. 36 607 657
Total cost of materials	\$1,000.. 108 101 159
Materials, parts, containers, packaging, etc., used	\$1,000.. 89 407 094
Resales	\$1,000.. 7 757 071
Purchased fuels	\$1,000.. 1 259 441
Purchased electricity	\$1,000.. 2 522 517
Contract work	\$1,000.. 7 155 036
Quantity of electricity purchased for heat and power	1,000 kWh.. 40 922 803
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 104 430
Total value of shipments	\$1,000.. 247 059 502
Value of resales	\$1,000.. 9 828 520
Value added	\$1,000.. 138 971 958
Total inventories, beginning of year	\$1,000.. 30 822 435
Finished goods inventories	\$1,000.. 11 267 229
Work-in-process inventories	\$1,000.. 8 836 250
Materials and supplies inventories	\$1,000.. 10 718 956
Total inventories, end of year	\$1,000.. 30 765 912
Finished goods inventories	\$1,000.. 11 189 741
Work-in-process inventories	\$1,000.. 8 927 832
Materials and supplies inventories	\$1,000.. 10 648 339
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 104 490 448
Total capital expenditures (new and used)	\$1,000.. 7 964 345
Buildings and other structures (new and used)	\$1,000.. 1 151 232
Machinery and equipment (new and used)	\$1,000.. 6 813 113
Automobiles, trucks, etc., for highway use	\$1,000.. 360 441
Computers and peripheral data processing equipment	\$1,000.. 645 072
All other expenditures for machinery and equipment	\$1,000.. 5 807 600
Total retirements	\$1,000.. 5 065 393
Gross value of depreciable assets at end of year	\$1,000.. 107 389 400
Depreciation charges during year	\$1,000.. 7 191 397
Total rental payments	\$1,000.. 3 950 209
Buildings and other structures	\$1,000.. 2 388 219
Machinery and equipment	\$1,000.. 1 561 990
Total other expenses ⁴	\$1,000.. 19 527 166
Response coverage ratio ⁵	percent.. 79
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 2 291 064
Communications services ⁴	\$1,000.. 612 262
Legal services ⁴	\$1,000.. 352 895
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 609 421
Advertising and promotional services ⁴	\$1,000.. 724 195
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 367 951
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 297 592
Management consulting and administrative services ⁴	\$1,000.. 645 867
Taxes and license fees ⁴	\$1,000.. 919 490
All other expenses (not included above) ⁴	\$1,000.. 12 570 052
333, Machinery manufacturing	
Companies ¹	number.. 25 533
All establishments ²	number.. 28 306
Establishments with 1 to 19 employees	number.. 18 456
Establishments with 20 to 99 employees	number.. 7 281
Establishments with 100 employees or more	number.. 2 569
All employees ³	number.. 1 172 889
Total compensation	\$1,000.. 62 406 167
Annual payroll	\$1,000.. 49 838 051
Total fringe benefits	\$1,000.. 12 568 116
Production workers, average for year	number.. 736 026
Production workers on March 12	number.. 746 307
Production workers on May 12	number.. 746 114
Production workers on August 12	number.. 731 675
Production workers on November 12	number.. 718 106
Production worker hours	1,000.. 1 441 255
Production worker wages	\$1,000.. 25 467 857

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
333, Machinery manufacturing—Con.	
Total cost of materials	\$1,000.. 122 795 543
Materials, parts, containers, packaging, etc., used	\$1,000.. 104 484 097
Resales	\$1,000.. 12 798 086
Purchased fuels	\$1,000.. 483 176
Purchased electricity	\$1,000.. 1 452 182
Contract work	\$1,000.. 3 578 002
Quantity of electricity purchased for heat and power	1,000 kWh.. 24 256 580
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 425 399
Total value of shipments	\$1,000.. 252 476 407
Value of resales	\$1,000.. 16 941 788
Value added	\$1,000.. 128 502 197
Total inventories, beginning of year	\$1,000.. 42 332 119
Finished goods inventories	\$1,000.. 14 432 464
Work-in-process inventories	\$1,000.. 13 041 243
Materials and supplies inventories	\$1,000.. 14 858 412
Total inventories, end of year	\$1,000.. 40 390 201
Finished goods inventories	\$1,000.. 13 760 428
Work-in-process inventories	\$1,000.. 12 535 070
Materials and supplies inventories	\$1,000.. 14 094 703
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 92 920 541
Total capital expenditures (new and used)	\$1,000.. 6 644 928
Buildings and other structures (new and used)	\$1,000.. 1 067 885
Machinery and equipment (new and used)	\$1,000.. 5 577 043
Automobiles, trucks, etc., for highway use	\$1,000.. 215 443
Computers and peripheral data processing equipment	\$1,000.. 648 467
All other expenditures for machinery and equipment	\$1,000.. 4 713 133
Total retirements	\$1,000.. 5 460 481
Gross value of depreciable assets at end of year	\$1,000.. 94 104 988
Depreciation charges during year	\$1,000.. 6 240 171
Total rental payments	\$1,000.. 2 771 533
Buildings and other structures	\$1,000.. 1 656 051
Machinery and equipment	\$1,000.. 1 115 482
Total other expenses ⁴	\$1,000.. 16 237 069
Response coverage ratio ⁵	percent.. 79
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 1 584 679
Communications services ⁴	\$1,000.. 594 942
Legal services ⁴	\$1,000.. 483 527
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 232 804
Advertising and promotional services ⁴	\$1,000.. 916 444
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 472 910
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 154 449
Management consulting and administrative services ⁴	\$1,000.. 638 626
Taxes and license fees ⁴	\$1,000.. 614 749
All other expenses (not included above) ⁴	\$1,000.. 10 543 810
334, Computer and electronic product manufacturing	
Companies ¹	number.. 13 917
All establishments ²	number.. 15 910
Establishments with 1 to 19 employees	number.. 9 347
Establishments with 20 to 99 employees	number.. 4 245
Establishments with 100 employees or more	number.. 2 318
All employees ³	number.. 1 262 063
Total compensation	\$1,000.. 79 753 254
Annual payroll	\$1,000.. 64 562 501
Total fringe benefits	\$1,000.. 15 190 753
Production workers, average for year	number.. 592 813
Production workers on March 12	number.. 604 521
Production workers on May 12	number.. 599 837
Production workers on August 12	number.. 592 494
Production workers on November 12	number.. 573 381
Production worker hours	1,000.. 1 161 974
Production worker wages	\$1,000.. 21 084 987
Total cost of materials	\$1,000.. 154 508 428
Materials, parts, containers, packaging, etc., used	\$1,000.. 135 217 944
Resales	\$1,000.. 11 448 629
Purchased fuels	\$1,000.. 418 626
Purchased electricity	\$1,000.. 2 052 075
Contract work	\$1,000.. 5 371 154
Quantity of electricity purchased for heat and power	1,000 kWh.. 32 925 262
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -19 132
Total value of shipments	\$1,000.. 358 414 047
Value of resales	\$1,000.. 16 482 151
Value added	\$1,000.. 201 376 880
Total inventories, beginning of year	\$1,000.. 49 576 087
Finished goods inventories	\$1,000.. 11 757 637
Work-in-process inventories	\$1,000.. 17 710 122
Materials and supplies inventories	\$1,000.. 20 108 328
Total inventories, end of year	\$1,000.. 44 791 720
Finished goods inventories	\$1,000.. 9 832 106
Work-in-process inventories	\$1,000.. 17 107 407
Materials and supplies inventories	\$1,000.. 17 852 207

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
334, Computer and electronic product manufacturing—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 144 028 678
Total capital expenditures (new and used)	\$1,000.. 13 683 655
Buildings and other structures (new and used)	\$1,000.. 2 552 509
Machinery and equipment (new and used)	\$1,000.. 11 131 146
Automobiles, trucks, etc., for highway use	\$1,000.. 230 817
Computers and peripheral data processing equipment	\$1,000.. 1 331 626
All other expenditures for machinery and equipment	\$1,000.. 9 568 703
Total retirements	\$1,000.. 14 150 457
Gross value of depreciable assets at end of year	\$1,000.. 143 561 876
Depreciation charges during year	\$1,000.. 13 265 511
Total rental payments	\$1,000.. 4 079 447
Buildings and other structures	\$1,000.. 2 302 338
Machinery and equipment	\$1,000.. 1 777 109
Total other expenses ⁴	\$1,000.. 18 607 818
Response coverage ratio ⁵	percent.. 68
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 1 528 506
Communications services ⁴	\$1,000.. 863 491
Legal services ⁴	\$1,000.. 593 895
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 210 146
Advertising and promotional services ⁴	\$1,000.. 892 728
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 1 083 642
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 158 088
Management consulting and administrative services ⁴	\$1,000.. 1 094 507
Taxes and license fees ⁴	\$1,000.. 722 525
All other expenses (not included above) ⁴	\$1,000.. 11 460 292
335, Electrical equipment, appliance, and component manufacturing	
Companies ¹	number.. 5 503
All establishments ²	number.. 6 499
Establishments with 1 to 19 employees	number.. 3 620
Establishments with 20 to 99 employees	number.. 1 707
Establishments with 100 employees or more	number.. 1 172
All employees ³	number.. 494 370
Total compensation	\$1,000.. 23 215 891
Annual payroll	\$1,000.. 18 082 952
Total fringe benefits	\$1,000.. 5 132 939
Production workers, average for year	number.. 351 812
Production workers on March 12	number.. 357 431
Production workers on May 12	number.. 356 647
Production workers on August 12	number.. 349 836
Production workers on November 12	number.. 342 659
Production worker hours	\$1,000.. 684 508
Production worker wages	\$1,000.. 10 376 466
Total cost of materials	\$1,000.. 50 106 559
Materials, parts, containers, packaging, etc., used	\$1,000.. 44 324 139
Resales	\$1,000.. 4 149 646
Purchased fuels	\$1,000.. 254 712
Purchased electricity	\$1,000.. 758 166
Contract work	\$1,000.. 619 896
Quantity of electricity purchased for heat and power	1,000 kWh.. 13 904 052
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 102 879 191
Value of resales	\$1,000.. 5 611 771
Value added	\$1,000.. 52 425 586
Total inventories, beginning of year	\$1,000.. 12 628 896
Finished goods inventories	\$1,000.. 4 605 433
Work-in-process inventories	\$1,000.. 2 893 288
Materials and supplies inventories	\$1,000.. 5 130 175
Total inventories, end of year	\$1,000.. 12 102 623
Finished goods inventories	\$1,000.. 4 451 075
Work-in-process inventories	\$1,000.. 2 700 676
Materials and supplies inventories	\$1,000.. 4 950 872
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 38 713 307
Total capital expenditures (new and used)	\$1,000.. 2 702 634
Buildings and other structures (new and used)	\$1,000.. 418 224
Machinery and equipment (new and used)	\$1,000.. 2 284 410
Automobiles, trucks, etc., for highway use	\$1,000.. 47 184
Computers and peripheral data processing equipment	\$1,000.. 204 146
All other expenditures for machinery and equipment	\$1,000.. 2 033 080
Total retirements	\$1,000.. 2 164 192
Gross value of depreciable assets at end of year	\$1,000.. 39 251 749
Depreciation charges during year	\$1,000.. 2 741 833
Total rental payments	\$1,000.. 1 110 173
Buildings and other structures	\$1,000.. 779 666
Machinery and equipment	\$1,000.. 330 507
Total other expenses ⁴	\$1,000.. 5 583 683
Response coverage ratio ⁵	percent.. 78
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 564 703
Communications services ⁴	\$1,000.. 136 852
Legal services ⁴	\$1,000.. 133 936
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 51 453
Advertising and promotional services ⁴	\$1,000.. 361 792
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 121 127
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 63 478
Management consulting and administrative services ⁴	\$1,000.. 176 374
Taxes and license fees ⁴	\$1,000.. 214 269
All other expenses (not included above) ⁴	\$1,000.. 3 759 697

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
336, Transportation equipment manufacturing	
Companies ¹	number.. 10 514
All establishments ²	number.. 12 639
Establishments with 1 to 19 employees	number.. 7 050
Establishments with 20 to 99 employees	number.. 3 001
Establishments with 100 employees or more	number.. 2 588
All employees ³	number.. 1 676 198
Total compensation	\$1,000.. 109 336 281
Annual payroll	\$1,000.. 82 067 852
Total fringe benefits	\$1,000.. 27 268 429
Production workers, average for year	number.. 1 214 998
Production workers on March 12	number.. 1 212 737
Production workers on May 12	number.. 1 223 672
Production workers on August 12	number.. 1 214 138
Production workers on November 12	number.. 1 208 325
Production worker hours	1,000.. 2 398 240
Production worker wages	\$1,000.. 53 985 532
Total cost of materials	\$1,000.. 383 495 349
Materials, parts, containers, packaging, etc., used	\$1,000.. 361 451 809
Resales	\$1,000.. 10 783 917
Purchased fuels	\$1,000.. 1 083 046
Purchased electricity	\$1,000.. 2 749 709
Contract work	\$1,000.. 7 426 868
Quantity of electricity purchased for heat and power	1,000 kWh.. 53 319 468
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -42 401
Total value of shipments	\$1,000.. 636 758 285
Value of resales	\$1,000.. 12 447 921
Value added	\$1,000.. 252 695 162
Total inventories, beginning of year	\$1,000.. 62 098 238
Finished goods inventories	\$1,000.. 11 511 960
Work-in-process inventories	\$1,000.. 34 121 243
Materials and supplies inventories	\$1,000.. 16 465 035
Total inventories, end of year	\$1,000.. 60 972 686
Finished goods inventories	\$1,000.. 10 997 310
Work-in-process inventories	\$1,000.. 34 119 428
Materials and supplies inventories	\$1,000.. 15 855 948
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 201 646 248
Total capital expenditures (new and used)	\$1,000.. 16 589 213
Buildings and other structures (new and used)	\$1,000.. 2 572 219
Machinery and equipment (new and used)	\$1,000.. 14 016 994
Automobiles, trucks, etc., for highway use	\$1,000.. 451 311
Computers and peripheral data processing equipment	\$1,000.. 778 928
All other expenditures for machinery and equipment	\$1,000.. 12 786 755
Total retirements	\$1,000.. 11 016 907
Gross value of depreciable assets at end of year	\$1,000.. 207 218 554
Depreciation charges during year	\$1,000.. 14 318 103
Total rental payments	\$1,000.. 3 153 306
Buildings and other structures	\$1,000.. 1 444 300
Machinery and equipment	\$1,000.. 1 709 006
Total other expenses ⁴	\$1,000.. 21 694 247
Response coverage ratio ⁵	percent.. 86
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 2 595 171
Communications services ⁴	\$1,000.. 436 914
Legal services ⁴	\$1,000.. 372 169
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 134 062
Advertising and promotional services ⁴	\$1,000.. 553 910
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 1 322 264
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 442 895
Management consulting and administrative services ⁴	\$1,000.. 1 138 996
Taxes and license fees ⁴	\$1,000.. 1 228 377
All other expenses (not included above) ⁴	\$1,000.. 12 815 614
337, Furniture and related product manufacturing	
Companies ¹	number.. 21 531
All establishments ²	number.. 22 523
Establishments with 1 to 19 employees	number.. 17 645
Establishments with 20 to 99 employees	number.. 3 663
Establishments with 100 employees or more	number.. 1 215
All employees ³	number.. 595 915
Total compensation	\$1,000.. 21 148 520
Annual payroll	\$1,000.. 17 400 405
Total fringe benefits	\$1,000.. 3 748 115
Production workers, average for year	number.. 469 431
Production workers on March 12	number.. 469 972
Production workers on May 12	number.. 470 778
Production workers on August 12	number.. 472 405
Production workers on November 12	number.. 463 707
Production worker hours	1,000.. 907 752
Production worker wages	\$1,000.. 11 562 409
Total cost of materials	\$1,000.. 33 106 934
Materials, parts, containers, packaging, etc., used	\$1,000.. 28 884 928
Resales	\$1,000.. 3 096 452
Purchased fuels	\$1,000.. 174 746
Purchased electricity	\$1,000.. 507 159
Contract work	\$1,000.. 443 649
Quantity of electricity purchased for heat and power	1,000 kWh.. 7 906 189
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 4 647

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
337, Furniture and related product manufacturing—Con.	
Total value of shipments	\$1,000.. 75 964 713
Value of resales	\$1,000.. 4 117 509
Value added	\$1,000.. 43 051 965
Total inventories, beginning of year	\$1,000.. 7 387 582
Finished goods inventories	\$1,000.. 2 632 224
Work-in-process inventories	\$1,000.. 1 401 361
Materials and supplies inventories	\$1,000.. 3 353 997
Total inventories, end of year	\$1,000.. 7 702 205
Finished goods inventories	\$1,000.. 2 795 208
Work-in-process inventories	\$1,000.. 1 432 689
Materials and supplies inventories	\$1,000.. 3 474 308
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 21 399 485
Total capital expenditures (new and used)	\$1,000.. 1 735 653
Buildings and other structures (new and used)	\$1,000.. 329 617
Machinery and equipment (new and used)	\$1,000.. 1 406 036
Automobiles, trucks, etc., for highway use	\$1,000.. 98 994
Computers and peripheral data processing equipment	\$1,000.. 177 735
All other expenditures for machinery and equipment	\$1,000.. 1 129 307
Total retirements	\$1,000.. 1 165 873
Gross value of depreciable assets at end of year	\$1,000.. 21 969 265
Depreciation charges during year	\$1,000.. 1 440 982
Total rental payments	\$1,000.. 1 166 990
Buildings and other structures	\$1,000.. 792 262
Machinery and equipment	\$1,000.. 374 728
Total other expenses ⁴	\$1,000.. 6 475 907
Response coverage ratio ⁵	percent.. 73
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 649 427
Communications services ⁴	\$1,000.. 241 143
Legal services ⁴	\$1,000.. 73 684
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 71 272
Advertising and promotional services ⁴	\$1,000.. 734 450
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 298 885
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 148 143
Management consulting and administrative services ⁴	\$1,000.. 106 196
Taxes and license fees ⁴	\$1,000.. 209 277
All other expenses (not included above) ⁴	\$1,000.. 3 943 433
339, Miscellaneous manufacturing	
Companies ¹	number.. 31 264
All establishments ²	number.. 32 569
Establishments with 1 to 19 employees	number.. 26 000
Establishments with 20 to 99 employees	number.. 5 088
Establishments with 100 employees or more	number.. 1 481
All employees ³	number.. 755 401
Total compensation	\$1,000.. 33 123 621
Annual payroll	\$1,000.. 27 363 736
Total fringe benefits	\$1,000.. 5 759 885
Production workers, average for year	number.. 491 160
Production workers on March 12	number.. 493 426
Production workers on May 12	number.. 493 527
Production workers on August 12	number.. 490 610
Production workers on November 12	number.. 486 280
Production worker hours	\$1,000.. 945 665
Production worker wages	\$1,000.. 13 187 386
Total cost of materials	\$1,000.. 46 896 071
Materials, parts, containers, packaging, etc., used	\$1,000.. 37 859 384
Resales	\$1,000.. 6 454 390
Purchased fuels	\$1,000.. 194 896
Purchased electricity	\$1,000.. 675 338
Contract work	\$1,000.. 1 712 063
Quantity of electricity purchased for heat and power	1,000 kWh.. 10 215 572
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 800
Total value of shipments	\$1,000.. 126 094 532
Value of resales	\$1,000.. 8 618 381
Value added	\$1,000.. 79 044 736
Total inventories, beginning of year	\$1,000.. 17 785 880
Finished goods inventories	\$1,000.. 8 573 450
Work-in-process inventories	\$1,000.. 2 901 507
Materials and supplies inventories	\$1,000.. 6 311 115
Total inventories, end of year	\$1,000.. 17 489 315
Finished goods inventories	\$1,000.. 8 405 379
Work-in-process inventories	\$1,000.. 2 916 381
Materials and supplies inventories	\$1,000.. 6 167 752
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 37 920 832
Total capital expenditures (new and used)	\$1,000.. 3 999 708
Buildings and other structures (new and used)	\$1,000.. 740 548
Machinery and equipment (new and used)	\$1,000.. 3 259 160
Automobiles, trucks, etc., for highway use	\$1,000.. 131 532
Computers and peripheral data processing equipment	\$1,000.. 544 555
All other expenditures for machinery and equipment	\$1,000.. 2 583 073
Total retirements	\$1,000.. 2 318 851
Gross value of depreciable assets at end of year	\$1,000.. 39 601 689
Depreciation charges during year	\$1,000.. 3 213 656
Total rental payments	\$1,000.. 1 826 870
Buildings and other structures	\$1,000.. 1 222 896
Machinery and equipment	\$1,000.. 603 974

See footnotes at end of table.

Table 4. Detailed Statistics by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
339, Miscellaneous manufacturing—Con.	
Total other expenses ⁴	\$1,000.. 10 040 418
Response coverage ratio ⁵	percent.. 75
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 562 628
Communications services ⁴	\$1,000.. 323 741
Legal services ⁴	\$1,000.. 395 035
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 182 085
Advertising and promotional services ⁴	\$1,000.. 1 051 596
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 273 898
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 104 143
Management consulting and administrative services ⁴	\$1,000.. 448 605
Taxes and license fees ⁴	\$1,000.. 416 914
All other expenses (not included above) ⁴	\$1,000.. 6 281 774

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.

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

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and 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.

Table 5. Industry Statistics for Subsectors by Employment Size: 2002—Con.

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

Employment size class	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)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
31-33, Manufacturing—Con.											
316, Leather and allied product manufacturing											
All establishments	1	1 522	44 543	1 160 833	35 317	66 298	728 377	2 872 273	3 309 255	6 254 100	78 307
Establishments with—											
1 to 4 employees	9	766	1 459	36 636	1 145	1 948	21 656	79 310	59 227	138 901	835
5 to 9 employees	6	188	1 237	32 704	990	1 886	20 255	66 859	66 221	133 487	1 161
10 to 19 employees	3	174	2 388	60 959	1 855	3 509	37 060	130 188	116 128	247 290	3 077
20 to 49 employees	2	189	5 796	136 068	4 599	8 588	84 737	308 316	341 963	654 873	6 000
50 to 99 employees	2	90	6 303	150 441	5 022	9 137	92 237	376 476	434 842	822 096	7 975
100 to 249 employees	1	82	12 728	322 629	10 018	19 076	203 216	888 555	934 814	1 828 234	34 431
250 to 499 employees	1	27	9 644	258 714	7 948	14 856	171 242	722 169	1 000 257	1 754 190	18 565
500 to 999 employees	—	3	1 657	45 702	1 191	2 307	28 891	131 021	115 017	256 403	3 413
1,000 to 2,499 employees	1	3	3 331	116 980	2 549	4 991	69 083	169 379	240 786	418 626	2 850
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	837	2 541	65 467	2 078	3 754	41 090	134 775	115 081	249 778	1 492
321, Wood product manufacturing											
All establishments	1	17 202	540 565	16 054 554	442 207	877 199	11 561 660	35 147 018	54 024 783	89 085 026	2 416 067
Establishments with—											
1 to 4 employees	9	6 415	12 415	342 486	10 425	19 400	250 377	660 663	1 164 180	1 839 490	39 463
5 to 9 employees	5	2 349	16 062	444 030	12 954	25 249	324 953	991 685	1 439 406	2 439 100	63 651
10 to 19 employees	3	2 783	38 785	1 023 996	31 052	57 850	728 412	2 336 595	3 220 670	5 556 911	145 239
20 to 49 employees	2	2 945	91 277	2 499 495	73 668	144 199	1 734 757	5 673 802	8 242 163	13 948 596	418 885
50 to 99 employees	1	1 381	96 240	2 708 094	78 641	157 338	1 909 507	6 157 607	9 764 978	15 876 274	421 928
100 to 249 employees	—	1 043	158 805	4 932 097	130 021	263 672	3 567 869	10 908 676	18 212 799	29 067 261	768 277
250 to 499 employees	—	233	77 694	2 384 189	65 475	131 937	1 812 642	5 015 593	7 944 586	12 929 188	342 785
500 to 999 employees	—	44	29 136	887 961	23 932	47 914	650 039	1 881 699	2 534 459	4 402 510	122 242
1,000 to 2,499 employees	2	5	6 654	186 301	5 512	9 803	137 500	276 366	443 479	739 697	18 699
2,500 employees or more	—	4	13 497	645 905	10 527	19 837	445 604	1 244 332	1 058 063	2 285 999	74 898
Administrative records ⁴	9	6 751	19 539	546 480	16 676	31 826	400 694	1 071 529	1 774 471	2 842 241	56 333
322, Paper manufacturing											
All establishments	—	5 520	491 436	21 497 243	376 672	782 131	14 657 699	75 780 418	78 063 027	153 766 022	6 260 387
Establishments with—											
1 to 4 employees	8	814	g	D	D	D	D	D	D	D	D
5 to 9 employees	7	500	3 442	128 133	2 612	5 308	83 715	329 917	503 984	848 837	20 205
10 to 19 employees	6	666	9 222	345 442	6 930	14 011	218 072	858 825	1 234 714	2 097 392	62 874
20 to 49 employees	1	1 138	37 861	1 353 568	27 778	56 769	796 830	3 608 698	4 736 499	8 331 251	271 132
50 to 99 employees	1	933	67 324	2 583 964	50 396	104 038	1 612 219	7 130 764	9 775 295	16 921 580	502 869
100 to 249 employees	—	1 089	164 510	6 633 080	125 923	265 457	4 344 323	18 770 950	25 499 093	44 385 121	1 276 392
250 to 499 employees	—	233	78 374	3 576 791	60 510	125 743	2 521 250	13 237 082	12 855 267	26 022 884	1 471 979
500 to 999 employees	—	102	69 938	3 690 543	54 107	111 671	2 656 116	16 297 554	13 374 073	29 629 707	1 187 840
1,000 to 2,499 employees	—	43	53 946	2 861 974	42 573	88 021	2 155 964	13 204 744	9 090 587	22 232 532	1 356 379
2,500 employees or more	—	2	i	D	D	D	D	D	D	D	D
Administrative records ⁴	9	1 290	8 662	326 718	6 802	13 986	220 149	798 406	1 314 667	2 110 580	45 140
323, Printing and related support activities											
All establishments	1	37 538	715 777	25 627 770	513 847	968 457	15 907 024	59 091 897	36 594 704	95 726 203	3 872 928
Establishments with—											
1 to 4 employees	8	19 049	34 683	1 135 633	25 707	44 250	693 845	2 289 945	1 259 195	3 560 908	88 682
5 to 9 employees	3	6 173	42 148	1 305 279	29 222	48 295	807 673	2 871 547	1 484 599	4 354 470	161 545
10 to 19 employees	2	5 182	70 298	2 284 224	48 295	82 279	1 388 355	4 801 633	2 591 647	7 398 238	331 708
20 to 49 employees	2	4 037	124 526	4 421 558	86 523	164 441	2 611 100	9 276 758	5 180 832	14 447 724	668 227
50 to 99 employees	1	1 731	120 306	4 542 891	84 789	165 973	2 694 168	9 999 858	6 346 338	16 331 347	646 046
100 to 249 employees	1	1 003	152 239	5 673 311	109 816	211 515	3 485 251	14 019 988	9 780 433	23 812 630	874 506
250 to 499 employees	1	257	85 526	3 180 966	62 124	119 502	2 011 029	7 591 147	5 106 157	12 727 965	454 455
500 to 999 employees	1	85	58 053	2 121 516	45 063	89 070	1 495 492	5 381 755	3 205 896	8 590 033	471 354
1,000 to 2,499 employees	—	21	27 998	962 392	22 308	43 132	720 111	2 859 266	1 639 607	4 502 888	176 405
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	17 338	35 135	1 158 882	26 591	46 568	715 339	2 345 191	1 337 884	3 681 325	83 869
324, Petroleum and coal products manufacturing											
All establishments	—	2 262	102 836	6 151 468	66 412	139 836	3 741 212	36 969 633	179 629 918	215 312 899	8 170 674
Establishments with—											
1 to 4 employees	2	848	2 170	95 744	1 643	3 205	69 846	527 570	1 085 970	1 614 478	51 212
5 to 9 employees	1	453	3 024	133 127	2 232	4 343	90 241	762 773	1 484 667	2 243 145	84 793
10 to 19 employees	3	309	4 245	187 278	2 928	5 583	113 284	886 636	1 929 406	2 806 529	87 840
20 to 49 employees	1	283	8 726	391 353	5 891	11 481	223 026	1 856 164	3 749 328	5 584 886	224 907
50 to 99 employees	—	151	10 546	485 595	7 139	14 192	291 575	4 367 255	5 235 584	9 580 803	275 836
100 to 249 employees	—	127	19 607	1 026 962	13 051	27 166	653 786	5 349 708	20 456 660	25 583 653	459 998
250 to 499 employees	—	46	15 663	1 025 428	9 893	21 084	635 606	6 659 106	39 203 617	45 359 872	1 142 664
500 to 999 employees	—	32	22 922	1 628 064	13 871	31 725	986 111	8 114 584	62 930 852	71 064 790	4 575 634
1,000 to 2,499 employees	—	13	15 933	1 177 917	9 764	21 057	677 737	8 445 837	43 553 834	51 474 743	1 267 790
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	358	1 388	63 152	973	1 937	35 557	206 387	333 995	538 822	12 446

See footnotes at end of table.

Table 5. Industry Statistics for Subsectors by Employment Size: 2002—Con.

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

Employment size class	E ¹	All es- tablsh- ments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expen- ditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
31-33, Manufacturing— Con.											
325, Chemical manufacturing											
All establishments	—	13 476	852 297	44 556 764	482 415	984 819	21 062 364	253 608 726	206 900 774	460 424 786	17 843 128
Establishments with—											
1 to 4 employees	7	4 314	9 039	386 063	5 947	10 766	213 940	2 073 712	1 486 679	3 558 562	144 237
5 to 9 employees	5	1 820	12 347	596 565	7 729	15 658	316 764	2 956 034	2 412 783	5 400 008	193 552
10 to 19 employees	3	1 842	25 644	1 178 816	15 417	30 938	581 031	5 071 892	4 516 906	9 561 917	331 674
20 to 49 employees	2	2 364	75 318	3 350 366	45 752	92 483	1 652 403	13 909 478	14 451 798	28 471 305	964 373
50 to 99 employees	1	1 372	96 320	4 437 839	58 843	118 686	2 237 597	20 618 509	23 632 405	44 388 621	1 460 480
100 to 249 employees	—	1 103	170 892	8 348 673	102 678	209 168	4 274 174	44 457 088	43 898 220	88 128 129	3 309 989
250 to 499 employees	—	400	137 024	6 993 697	84 552	175 384	3 711 564	40 147 010	35 955 770	76 050 228	3 279 510
500 to 999 employees	—	172	117 156	6 227 331	69 068	140 346	3 184 322	55 844 655	38 356 569	94 241 088	2 918 344
1,000 to 2,499 employees	—	72	102 690	6 133 069	57 315	119 762	2 992 140	39 577 070	26 828 967	66 007 196	2 576 021
2,500 employees or more	—	17	105 867	6 904 345	35 114	71 628	1 898 429	28 953 278	15 360 677	44 617 732	2 664 948
Administrative records ⁴	9	4 511	17 901	822 067	11 717	22 958	434 902	3 606 509	2 861 916	6 454 353	200 500
326, Plastics and rubber products manufacturing											
All establishments	1	15 529	983 757	32 619 736	766 130	1 516 936	21 840 259	92 462 047	82 058 469	174 369 289	7 415 155
Establishments with—											
1 to 4 employees	8	3 460	i	D	D	D	D	D	D	D	D
5 to 9 employees	7	1 833	12 562	399 019	9 876	19 784	273 649	1 016 255	968 924	1 995 614	71 576
10 to 19 employees	5	2 343	32 613	1 050 071	24 843	49 436	674 654	2 725 277	2 533 765	5 274 053	201 019
20 to 49 employees	2	3 129	101 286	3 198 367	76 107	151 950	1 984 842	8 493 281	7 699 912	16 145 276	653 846
50 to 99 employees	1	2 162	153 824	4 938 836	118 344	237 264	3 163 888	13 980 537	13 233 291	27 172 713	1 143 038
100 to 249 employees	1	1 836	282 505	9 043 323	221 474	442 249	5 988 510	26 762 896	24 063 062	50 752 549	2 217 961
250 to 499 employees	—	536	182 651	5 974 576	144 783	287 901	4 057 568	17 173 700	14 795 498	31 938 693	1 431 715
500 to 999 employees	1	163	111 518	3 811 625	85 747	169 580	2 567 674	11 141 750	9 161 194	20 311 898	948 263
1,000 to 2,499 employees	—	65	i	D	D	D	D	D	D	D	D
2,500 employees or more	—	2	i	D	D	D	D	D	D	D	D
Administrative records ⁴	9	4 974	26 171	838 770	21 672	43 048	590 954	2 041 890	1 968 552	3 998 910	127 330
327, Nonmetallic mineral product manufacturing											
All establishments	1	16 706	483 161	17 929 311	375 205	765 922	12 533 416	54 864 987	40 559 687	95 261 480	5 202 327
Establishments with—											
1 to 4 employees	5	5 795	11 847	398 805	9 344	17 822	284 533	1 396 061	1 340 890	2 740 339	75 900
5 to 9 employees	3	2 444	16 852	587 495	13 309	26 849	431 091	1 793 309	1 584 524	3 381 284	139 680
10 to 19 employees	2	3 037	42 211	1 455 704	32 638	65 115	1 048 984	4 284 918	3 757 549	8 035 171	303 411
20 to 49 employees	2	3 206	99 046	3 500 831	74 806	151 403	2 382 550	9 730 488	8 288 808	17 961 819	759 830
50 to 99 employees	1	1 217	84 182	3 050 731	63 776	131 866	2 042 885	8 827 081	6 708 662	15 535 075	615 517
100 to 249 employees	1	739	111 877	4 333 575	87 174	179 402	3 000 175	14 611 895	9 813 041	24 275 184	2 229 412
250 to 499 employees	—	207	70 067	2 733 827	56 789	117 469	2 023 684	8 622 736	5 801 311	14 451 292	694 726
500 to 999 employees	—	49	32 817	1 241 483	26 216	53 148	897 530	4 218 382	2 480 095	6 710 783	311 249
1,000 to 2,499 employees	—	12	14 262	626 860	11 153	22 848	421 984	1 380 117	784 807	2 170 533	72 602
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	5 124	15 175	537 427	12 172	24 077	383 490	1 349 132	1 009 731	2 356 816	64 183
331, Primary metal manufacturing											
All establishments	—	5 194	490 417	21 399 636	383 241	795 901	15 427 168	57 077 697	82 123 176	139 343 112	4 276 637
Establishments with—											
1 to 4 employees	8	1 218	2 559	91 973	1 957	3 705	62 287	228 467	276 669	511 561	10 326
5 to 9 employees	7	526	3 566	137 498	2 767	5 634	96 020	322 458	391 762	720 630	18 059
10 to 19 employees	4	643	8 946	338 612	6 849	14 004	229 826	891 563	914 798	1 806 210	59 421
20 to 49 employees	1	948	30 585	1 106 586	23 485	48 541	729 143	2 988 057	3 948 058	6 965 870	205 150
50 to 99 employees	—	682	48 207	1 766 929	37 336	76 743	1 187 621	4 322 754	7 321 647	11 761 795	275 408
100 to 249 employees	—	720	113 071	4 379 684	87 903	182 192	3 035 773	11 198 815	16 997 478	28 235 939	989 962
250 to 499 employees	—	297	102 893	4 341 171	80 606	167 234	3 094 388	12 081 779	16 856 065	29 109 884	822 597
500 to 999 employees	—	107	72 662	3 361 596	57 626	120 307	2 516 896	9 924 447	15 322 815	25 326 254	865 767
1,000 to 2,499 employees	—	39	55 888	2 894 570	43 527	90 409	2 120 559	7 752 036	9 715 446	17 145 405	533 374
2,500 employees or more	—	14	52 040	2 981 017	41 185	87 132	2 354 655	7 367 321	10 378 438	17 759 564	496 573
Administrative records ⁴	9	1 571	7 955	302 344	6 366	12 926	216 559	694 064	838 895	1 520 004	27 948
332, Fabricated metal product manufacturing											
All establishments	1	62 219	1 574 827	57 534 861	1 169 237	2 321 664	36 607 657	138 971 958	108 101 159	247 059 502	7 964 345
Establishments with—											
1 to 4 employees	9	25 632	k	D	D	D	D	D	D	D	D
5 to 9 employees	5	9 144	62 228	2 247 942	46 348	88 975	1 497 732	4 743 402	2 900 828	7 656 865	254 078
10 to 19 employees	3	10 246	142 209	5 017 245	104 353	195 922	3 235 180	10 672 503	6 265 379	16 971 585	645 761
20 to 49 employees	2	9 807	302 573	10 887 734	224 564	443 820	6 875 090	24 345 598	16 052 675	40 312 470	1 470 968
50 to 99 employees	1	4 110	283 910	10 307 340	211 670	429 889	6 501 141	23 703 974	18 688 532	42 438 238	1 370 162
100 to 249 employees	1	2 480	372 612	13 704 005	275 717	555 841	8 705 033	34 982 316	33 206 560	68 323 233	2 032 294
250 to 499 employees	—	580	192 976	6 993 460	143 611	287 746	4 510 523	19 379 483	16 065 563	35 502 801	989 559
500 to 999 employees	—	185	119 806	4 531 770	88 748	176 144	2 822 802	12 450 497	8 914 513	21 206 049	804 876
1,000 to 2,499 employees	—	34	46 815	2 034 131	33 942	68 834	1 256 782	5 114 941	3 711 686	8 772 267	251 056
2,500 employees or more	—	1	h	D	D	D	D	D	D	D	D
Administrative records ⁴	9	26 478	72 490	2 621 338	56 689	108 904	1 719 675	5 473 113	4 007 576	9 460 346	211 370

See footnotes at end of table.

Table 5. Industry Statistics for Subsectors by Employment Size: 2002—Con.

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

Employment size class	E ¹	All es- tablish- ments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expen- ditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
31-33, Manufacturing— Con.											
333, Machinery manufacturing											
All establishments	1	28 306	1 172 889	49 838 051	736 026	1 441 255	25 467 857	128 502 197	122 795 543	252 476 407	6 644 928
Establishments with—											
1 to 4 employees	8	9 649	19 885	777 770	13 413	23 998	432 104	1 729 259	1 160 049	2 909 138	55 062
5 to 9 employees	5	4 122	28 141	1 154 541	18 398	34 640	637 559	2 438 740	1 841 615	4 336 056	105 788
10 to 19 employees	3	4 685	64 856	2 620 693	42 423	79 421	1 442 058	5 430 615	3 799 067	9 282 580	288 024
20 to 49 employees	2	4 918	154 473	6 319 962	99 866	198 418	3 376 562	13 398 321	9 979 035	23 479 849	640 915
50 to 99 employees	1	2 363	165 457	6 851 225	105 481	212 992	3 560 992	15 463 078	12 326 847	27 987 642	737 521
100 to 249 employees	1	1 744	267 490	11 076 539	168 888	336 302	5 639 870	26 097 887	24 545 535	50 777 009	1 493 923
250 to 499 employees	1	522	182 423	7 650 858	114 915	225 817	3 853 314	19 808 307	20 533 007	40 390 871	1 013 181
500 to 999 employees	—	219	147 134	6 468 775	90 430	174 958	3 228 475	16 547 554	21 166 196	38 045 132	866 557
1,000 to 2,499 employees	—	74	109 237	5 023 948	70 800	134 996	2 785 901	22 432 285	21 854 842	44 613 233	1 059 809
2,500 employees or more	—	10	33 793	1 893 740	11 412	19 713	511 022	5 156 151	5 589 350	10 654 891	384 148
Administrative records ⁴	9	10 899	40 769	1 639 351	27 507	52 665	904 735	3 525 509	2 997 273	6 504 121	124 449
334, Computer and electronic product manufacturing											
All establishments	—	15 910	1 262 063	64 562 501	592 813	1 161 974	21 084 987	201 376 880	154 508 428	358 414 047	13 683 655
Establishments with—											
1 to 4 employees	8	5 202	10 624	440 317	6 459	11 311	166 702	1 021 137	765 914	1 793 134	41 025
5 to 9 employees	7	2 055	13 832	656 945	7 248	14 207	226 644	1 533 193	1 152 061	2 701 841	65 845
10 to 19 employees	5	2 090	28 985	1 321 803	15 591	29 879	479 520	3 030 660	2 264 996	5 355 690	133 682
20 to 49 employees	2	2 593	83 487	3 676 529	45 231	87 783	1 345 143	8 657 608	6 014 684	14 698 067	411 981
50 to 99 employees	2	1 652	117 600	5 137 259	63 274	123 883	1 855 715	12 435 359	8 853 393	21 438 389	615 542
100 to 249 employees	1	1 347	209 139	9 452 619	111 421	217 542	3 472 502	23 278 341	18 096 625	41 787 664	1 372 943
250 to 499 employees	—	506	175 702	8 407 419	93 382	183 903	3 129 931	22 831 299	19 837 817	43 433 831	1 513 327
500 to 999 employees	—	269	184 086	9 195 872	95 566	186 376	3 487 944	29 183 906	22 858 520	52 467 403	1 928 706
1,000 to 2,499 employees	—	155	227 276	12 860 257	96 713	197 152	3 937 392	47 931 552	36 182 499	84 905 187	3 862 056
2,500 employees or more	—	41	211 332	13 413 481	57 928	109 938	2 983 494	51 473 825	38 481 919	89 832 841	3 738 548
Administrative records ⁴	8	6 654	32 834	1 480 239	18 621	35 967	533 640	3 546 351	2 796 633	6 322 607	150 883
335, Electrical equipment, appliance, and component manufacturing											
All establishments	—	6 499	494 370	18 082 952	351 812	684 508	10 376 466	52 425 586	50 106 559	102 879 191	2 702 634
Establishments with—											
1 to 4 employees	9	1 945	4 182	143 206	2 905	5 178	72 296	335 058	279 706	615 234	10 053
5 to 9 employees	7	836	5 658	216 558	3 917	7 777	108 664	549 729	477 574	1 044 024	15 331
10 to 19 employees	4	839	11 649	443 124	7 552	15 114	216 314	1 163 796	883 477	2 053 188	32 590
20 to 49 employees	2	1 028	32 921	1 215 098	21 099	42 321	578 196	2 931 284	2 539 093	5 472 229	114 098
50 to 99 employees	1	679	48 622	1 744 624	31 998	63 549	854 335	4 606 687	4 006 609	8 597 316	220 561
100 to 249 employees	1	686	109 069	3 896 008	77 156	150 666	2 171 755	11 017 189	10 226 078	21 264 632	528 003
250 to 499 employees	—	310	107 476	3 876 064	77 939	153 172	2 342 504	12 316 240	11 105 774	23 529 438	662 251
500 to 999 employees	—	125	83 988	3 168 200	58 780	115 970	1 819 764	10 871 204	9 556 387	20 524 047	613 444
1,000 to 2,499 employees	—	44	66 299	2 389 316	52 364	96 850	1 606 350	6 491 824	8 093 044	14 648 132	390 495
2,500 employees or more	—	7	24 506	990 754	18 102	33 911	606 288	2 142 575	2 938 817	5 130 951	115 808
Administrative records ⁴	9	2 626	12 150	442 299	8 766	16 964	233 442	1 068 768	967 150	2 031 345	32 885
336, Transportation equipment manufacturing											
All establishments	—	12 639	1 676 198	82 067 852	1 214 998	2 398 240	53 985 532	252 695 162	383 495 349	636 758 285	16 589 213
Establishments with—											
1 to 4 employees	9	4 109	8 044	315 161	6 331	11 569	227 541	689 151	990 790	1 683 445	43 031
5 to 9 employees	7	1 493	9 991	402 190	7 881	14 921	289 711	918 143	1 197 172	2 119 227	52 153
10 to 19 employees	5	1 448	20 147	764 161	15 239	29 062	512 188	1 732 293	2 020 029	3 773 866	107 373
20 to 49 employees	2	1 782	56 547	2 078 498	42 091	82 243	1 305 028	4 855 440	5 446 589	10 210 506	383 325
50 to 99 employees	2	1 219	86 002	3 091 776	64 392	126 388	1 956 921	7 300 545	8 336 379	15 634 895	509 365
100 to 249 employees	1	1 312	209 683	7 629 815	157 162	310 686	4 869 539	20 166 946	25 006 053	45 313 387	1 307 197
250 to 499 employees	—	674	235 369	8 699 716	181 338	368 083	5 838 651	23 446 496	33 524 344	56 964 611	1 975 858
500 to 999 employees	—	333	227 877	9 655 083	171 062	341 426	6 411 722	28 614 631	38 172 829	66 695 334	1 930 807
1,000 to 2,499 employees	—	152	240 120	13 092 313	185 857	370 204	9 800 037	37 595 283	67 133 538	104 716 266	3 394 464
2,500 employees or more	—	117	582 418	36 339 139	383 645	743 658	22 774 194	127 376 234	201 667 626	329 646 748	6 885 640
Administrative records ⁴	9	4 964	20 264	836 884	16 458	31 995	617 298	1 805 888	2 525 968	4 325 405	99 167
337, Furniture and related product manufacturing											
All establishments	2	22 523	595 915	17 400 405	469 431	907 752	11 562 409	43 051 965	33 106 934	75 964 713	1 735 653
Establishments with—											
1 to 4 employees	9	11 214	22 212	604 473	17 584	31 965	402 848	1 174 029	888 223	2 063 557	33 091
5 to 9 employees	5	3 342	22 587	637 765	17 528	33 356	436 274	1 330 611	985 848	2 322 907	50 082
10 to 19 employees	3	3 089	42 574	1 191 736	32 388	59 196	779 176	2 475 920	1 846 242	4 319 443	106 924
20 to 49 employees	2	2 566	78 383	2 305 376	59 542	113 867	1 461 571	4 951 937	3 558 369	8 506 075	203 930
50 to 99 employees	1	1 097	76 963	2 288 392	58 953	116 753	1 434 770	5 311 694	4 080 696	9 386 036	235 049
100 to 249 employees	2	799	121 741	3 604 366	94 885	185 572	2 333 174	9 344 666	7 144 983	16 490 232	376 258
250 to 499 employees	1	278	97 456	2 703 764	80 666	157 657	1 969 808	7 763 788	6 086 572	13 743 724	312 776
500 to 999 employees	1	97	63 414	1 763 617	53 222	102 951	1 316 062	4 457 342	3 707 208	8 121 991	193 785
1,000 to 2,499 employees	2	36	52 093	1 620 646	41 860	81 338	1 070 422	4 845 079	3 584 394	8 393 641	155 386
2,500 employees or more	—	5	18 492	680 270	12 803	25 097	358 304	1 396 899	1 224 399	2 617 107	68 372
Administrative records ⁴	9	11 613	30 428	842 810	24 684	46 212	574 811	1 626 793	1 259 437	2 883 661	44 247

See footnotes at end of table.

Table 5. Industry Statistics for Subsectors by Employment Size: 2002—Con.

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

Employment size class	E ¹	All es- tablish- ments 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)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
31-33, Manufacturing— Con.											
339, Miscellaneous manufacturing											
All establishments	2	32 569	755 401	27 363 736	491 160	945 665	13 187 386	79 044 736	46 896 071	126 094 532	3 999 708
Establishments with—											
1 to 4 employees	8	17 120	33 089	995 316	23 780	40 947	569 294	2 010 478	1 136 700	3 156 265	66 961
5 to 9 employees	4	4 495	30 475	968 219	21 077	38 617	534 529	2 179 850	1 292 944	3 479 758	87 815
10 to 19 employees	3	4 385	60 203	1 874 636	40 916	71 565	1 013 790	4 201 966	2 563 728	6 778 033	201 519
20 to 49 employees	2	3 645	111 835	3 652 014	75 675	141 397	1 895 870	8 619 646	5 454 300	14 078 550	407 868
50 to 99 employees	2	1 443	99 792	3 406 211	67 433	132 482	1 717 999	8 337 906	5 693 799	14 016 864	400 822
100 to 249 employees	2	1 000	151 131	5 352 778	100 907	198 221	2 650 624	14 813 083	10 328 713	25 140 739	763 584
250 to 499 employees	1	299	103 015	3 808 400	67 492	132 130	1 872 213	12 651 678	7 755 442	20 318 063	523 125
500 to 999 employees	1	133	88 240	3 888 071	52 543	107 943	1 680 648	13 161 454	7 285 385	20 491 198	756 761
1,000 to 2,499 employees	1	46	68 037	2 981 496	38 736	77 328	1 152 562	11 935 851	4 861 248	16 933 244	733 268
2,500 employees or more	—	3	9 584	436 595	2 601	5 035	99 857	1 132 824	523 812	1 701 818	57 985
Administrative records ⁴	9	16 987	44 171	1 398 091	31 972	57 612	769 348	3 026 892	1 730 934	4 742 642	102 271

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.

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

⁴Some 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. Data are also included in respective size classes shown.

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.

Table 6. Industry Statistics for States: 2002

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

Geographic area	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 ³	Hours (1,000)	Wages (\$1,000)				
United States	1	350 828	108 728	14 699 536	576 170 541	10 343 449	20 453 699	336 967 174	1 887 792 650	2 025 061 815	3 916 136 712	125 536 189
Alabama	1	5 119	1 813	284 127	9 744 347	220 348	438 810	6 650 500	28 641 670	38 362 679	66 686 220	3 070 882
Alaska	2	513	101	10 909	361 214	9 021	18 109	256 132	1 281 425	2 527 208	3 828 233	79 217
Arizona	1	4 935	1 288	168 155	7 080 603	104 955	206 084	3 221 783	25 976 992	15 724 230	41 910 739	977 257
Arkansas	—	3 185	1 094	210 394	6 309 251	169 867	334 390	4 532 650	21 967 578	24 899 853	46 723 576	1 209 902
California	1	48 473	13 804	1 616 289	66 408 969	1 029 843	2 003 765	31 379 284	197 361 037	180 964 133	378 454 294	16 269 614
Colorado	1	5 349	1 194	148 831	6 323 772	94 984	188 404	3 249 630	17 798 122	16 695 548	34 661 204	1 975 737
Connecticut	1	5 383	1 684	214 721	9 872 570	125 765	250 898	4 525 584	27 641 637	16 985 191	44 990 361	1 447 274
Delaware	—	705	231	37 287	1 564 801	26 216	51 260	937 698	5 063 899	11 207 382	16 417 927	481 872
District of Columbia	2	146	22	2 021	76 126	1 133	2 227	39 514	163 118	83 610	246 237	13 331
Florida	1	15 201	3 191	377 092	14 079 987	245 199	482 262	6 955 821	41 906 290	36 523 830	78 463 816	2 464 885
Georgia	1	8 805	3 034	452 834	15 720 820	345 929	694 032	10 258 090	59 661 014	65 788 386	126 166 158	3 212 978
Hawaii	1	929	157	13 200	421 269	8 865	16 837	254 713	1 217 728	2 246 539	3 460 199	82 960
Idaho	1	1 814	415	61 538	2 192 645	47 107	91 263	1 437 227	7 440 111	7 743 998	15 174 196	1 243 409
Illinois	1	16 859	5 921	741 754	29 838 276	511 110	1 027 120	16 999 050	91 689 661	96 045 539	188 222 486	5 960 080
Indiana	—	9 223	3 667	565 559	22 852 682	426 331	854 927	15 437 870	78 023 938	82 850 352	160 924 309	5 617 894
Iowa	—	3 804	1 339	222 968	8 125 864	163 122	322 354	5 108 312	31 394 257	33 504 006	65 042 043	1 705 013
Kansas	—	3 218	1 063	177 825	6 877 335	126 919	258 130	4 160 548	21 347 336	29 159 921	50 897 796	1 281 375
Kentucky	—	4 283	1 669	263 202	10 077 029	201 584	403 166	6 853 829	34 075 367	54 416 995	88 513 497	2 562 414
Louisiana	—	3 523	1 089	150 360	6 425 628	109 193	220 425	4 177 885	28 416 911	61 351 248	89 545 364	3 488 244
Maine	1	1 880	469	67 738	2 627 814	49 524	96 082	1 720 895	7 122 274	6 614 723	13 851 915	543 895
Maryland	1	3 999	1 177	151 307	6 475 210	95 244	184 157	3 229 544	19 247 060	16 963 515	36 344 562	1 594 941
Massachusetts	1	8 858	2 917	349 148	15 571 473	210 606	417 112	7 028 657	44 500 501	32 892 203	77 976 318	2 348 413
Michigan	—	15 191	5 144	736 165	33 168 564	549 547	1 087 015	22 570 432	97 572 725	124 077 674	221 421 638	5 699 658
Minnesota	—	8 136	2 630	351 188	14 059 229	232 845	458 562	7 585 177	39 551 352	40 894 802	80 499 482	2 812 491
Mississippi	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
Missouri	—	7 207	2 190	319 761	12 453 642	239 420	460 922	8 094 270	41 123 200	51 662 420	92 475 502	2 279 121
Montana	1	1 234	196	18 582	638 834	13 747	26 573	421 086	1 673 980	3 317 687	4 987 577	220 108
Nebraska	—	1 975	592	103 011	3 385 632	79 478	164 087	2 293 206	11 467 244	19 179 938	30 607 855	799 280
Nevada	1	1 764	447	42 503	1 642 783	28 392	55 923	869 190	4 654 748	3 845 338	8 466 212	340 170
New Hampshire	1	2 213	713	83 545	3 421 148	53 985	106 263	1 693 399	8 527 926	6 758 241	15 235 144	539 919
New Jersey	1	10 653	3 316	368 015	15 752 976	236 168	466 820	8 048 324	51 381 268	44 454 102	96 229 119	3 011 209
New Mexico	1	1 587	283	33 085	1 241 383	23 800	46 076	757 119	5 979 983	4 253 622	10 168 130	307 101
New York	1	21 065	5 425	641 742	25 390 968	428 694	834 897	13 558 513	83 932 246	63 432 589	147 402 586	4 185 624
North Carolina	1	10 763	3 977	623 521	20 653 125	472 387	927 703	13 051 227	87 385 590	69 505 376	156 909 393	4 432 400
North Dakota	2	724	194	23 370	757 012	17 017	32 794	473 516	2 679 560	4 082 080	6 856 654	201 839
Ohio	—	17 491	6 258	868 679	35 298 752	639 811	1 272 052	23 197 793	112 229 130	130 634 971	242 884 764	7 427 507
Oklahoma	1	4 027	1 074	149 983	5 355 937	109 230	214 758	3 438 187	17 005 404	23 001 158	39 924 050	1 046 987
Oregon	1	5 597	1 515	184 151	7 173 223	130 491	254 545	4 275 579	26 440 699	19 556 927	45 864 552	1 265 365
Pennsylvania	1	16 661	5 656	715 186	27 510 766	507 209	1 007 225	16 353 640	92 269 931	88 966 857	181 309 256	4 922 047
Rhode Island	2	2 131	586	62 285	2 294 561	42 829	85 197	1 231 685	6 088 634	4 696 259	10 758 058	306 180
South Carolina	—	4 455	1 654	289 672	10 594 414	219 964	440 927	6 863 117	38 474 318	42 377 024	80 976 390	2 910 762
South Dakota	—	926	290	37 019	1 096 775	28 584	56 537	744 044	5 176 605	5 508 704	10 710 187	193 948
Tennessee	—	6 947	2 546	411 984	14 840 454	311 087	616 811	9 619 224	49 816 315	59 626 953	109 285 149	4 524 088
Texas	—	21 446	6 333	855 303	34 094 491	587 914	1 177 559	19 218 383	124 431 691	187 619 762	310 743 683	9 913 816
Utah	1	3 061	819	110 007	4 003 961	74 007	142 466	2 158 629	12 158 925	12 900 605	25 104 045	786 006
Vermont	1	1 176	319	43 827	1 757 617	28 429	56 847	937 746	5 164 892	4 299 539	9 661 516	450 230
Virginia	—	5 909	1 901	311 787	11 632 963	229 590	462 114	7 293 991	48 261 833	35 696 427	83 952 547	2 384 729
Washington	1	7 535	1 977	265 010	11 163 873	167 547	333 980	6 038 160	35 387 693	42 418 619	79 303 026	1 769 708
West Virginia	—	1 480	489	67 319	2 586 956	50 443	101 570	1 695 796	7 983 845	10 965 884	18 911 332	675 453
Wisconsin	—	9 914	3 713	503 147	19 331 297	364 693	709 793	12 051 684	61 478 322	62 991 023	124 649 845	3 284 922
Wyoming	1	560	102	9 608	364 592	7 273	13 859	253 196	1 430 036	2 657 972	4 061 516	102 325

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.

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

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002

[Includes data for establishments 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]

Geographic area	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)				
United States	1	350 828	108 728	14 699 536	576 170 541	10 343 449	20 453 699	336 967 174	1 887 792 650	2 025 061 815	3 916 136 712	125 536 189
Albany-Corvallis-Lebanon, OR Combined Statistical Area	—	285	84	14 291	663 802	9 400	19 033	434 109	1 224 314	1 181 617	2 411 524	96 999
Albany-Lebanon, OR	—	182	65	8 328	334 562	6 493	13 043	235 925	953 390	882 606	1 829 786	76 268
Corvallis, OR Metropolitan Statistical Area	—	103	19	5 963	329 240	2 907	5 990	198 184	270 924	299 011	581 738	20 731
Albany-Schenectady-Amsterdam, NY Combined Statistical Area	1	1 095	355	40 436	1 636 855	28 291	56 594	963 131	6 190 781	5 236 143	11 429 497	358 431
Albany-Schenectady-Troy, NY	1	646	213	24 370	1 089 366	16 740	33 517	646 838	4 525 970	3 718 857	8 268 751	273 198
Amsterdam, NY Micropolitan Statistical Area	3	70	28	3 637	112 723	2 750	5 797	71 383	364 140	270 613	628 648	16 166
Glens Falls, NY Metropolitan Statistical Area	3	197	56	7 856	291 403	5 360	10 488	156 854	862 554	850 185	1 696 756	57 088
Gloversville, NY Micropolitan Statistical Area	3	102	37	2 675	80 630	2 091	4 066	52 683	272 901	249 394	521 064	7 131
Hudson, NY Micropolitan Statistical Area	1	80	21	1 898	62 733	1 350	2 726	35 373	165 216	147 094	314 278	4 848
Ames-Boone, IA Combined Statistical Area	—	104	44	h	D	D	D	D	D	D	D	48 112
Ames, IA Metropolitan Statistical Area	—	69	30	3 753	148 524	2 468	4 779	77 611	590 384	424 777	1 023 889	39 508
Boone, IA Micropolitan Statistical Area	—	35	14	f	D	D	D	D	D	D	D	8 604
Appleton-Oshkosh-Neenah, WI Combined Statistical Area	—	700	316	48 003	1 943 311	34 520	68 188	1 257 366	5 411 203	6 496 779	11 923 502	370 493
Appleton, WI Metropolitan Statistical Area	—	390	157	24 079	974 072	17 763	34 844	643 673	2 481 792	3 238 926	5 692 746	166 745
Oshkosh-Neenah, WI Metropolitan Statistical Area ...	—	310	159	23 924	969 239	16 757	33 344	613 693	2 929 411	3 257 853	6 230 756	203 748
Asheville-Brevard, NC Combined Statistical Area	1	559	181	25 946	935 183	19 346	39 477	603 917	2 616 111	3 187 846	5 789 599	174 049
Asheville, NC Metropolitan Statistical Area	—	528	171	24 715	890 149	18 329	37 453	570 734	2 497 970	3 062 341	5 545 020	166 427
Brevard, NC Micropolitan Statistical Area	7	31	10	1 231	45 034	1 017	2 024	33 183	118 141	125 505	244 579	7 622
Atlanta-Sandy Springs-Gainesville, GA-AL Combined Statistical Area	1	4 862	1 626	213 596	7 973 516	153 348	306 942	4 782 669	28 995 537	31 208 084	60 204 460	1 500 777
Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area	1	4 425	1 424	177 534	6 837 108	124 245	248 647	3 979 554	25 502 368	26 394 338	51 905 441	1 212 076
Cedartown, GA Micropolitan Statistical Area	—	37	15	2 662	79 019	2 219	4 571	59 571	258 971	264 914	524 993	13 464
Gainesville, GA Metropolitan Statistical Area	1	240	98	17 738	537 694	14 108	27 337	367 732	1 777 531	2 771 286	4 534 224	170 921
LaGrange, GA Micropolitan Statistical Area	—	100	56	8 724	309 716	6 740	14 015	206 200	899 387	1 096 055	2 000 679	80 323
Thomaston, GA Micropolitan Statistical Area	1	23	15	2 423	73 998	1 962	4 111	53 516	222 421	266 834	488 769	11 204
Valley, AL Micropolitan Statistical Area	—	37	18	4 515	135 981	4 074	8 261	116 096	334 859	414 657	750 354	12 789
Baton Rouge-Pierre Part, LA Combined Statistical Area	—	623	199	26 617	1 427 178	17 639	36 585	848 235	8 188 626	18 047 061	26 178 759	D
Baton Rouge, LA Metropolitan Statistical Area	—	615	196	26 448	1 420 507	17 510	36 290	843 423	8 139 908	18 017 047	26 100 027	1 488 237
Beckley-Oak Hill, WV Combined Statistical Area	1	94	24	1 722	65 577	1 282	2 624	43 424	158 932	206 163	366 336	20 281
Beckley, WV Micropolitan Statistical Area	2	58	16	910	31 233	652	1 306	18 872	66 027	89 837	158 601	8 968
Oak Hill, WV Micropolitan Statistical Area	1	36	8	812	34 344	630	1 318	24 552	92 905	116 326	207 735	11 313
Bend-Prineville, OR Combined Statistical Area	1	271	59	6 446	189 704	5 115	9 382	125 146	449 113	456 113	894 292	18 133
Bend, OR Metropolitan Statistical Area	1	245	52	5 053	155 814	3 898	7 036	97 788	365 085	343 247	699 061	14 745
Prineville, OR Micropolitan Statistical Area	1	26	7	1 393	33 890	1 217	2 346	27 358	84 028	112 866	195 231	3 388
Birmingham-Hoover-Cullman, AL Combined Statistical Area	1	1 245	402	48 830	1 739 559	35 418	70 825	1 094 872	4 614 897	5 179 061	9 715 688	558 880
Birmingham-Hoover, AL Metropolitan Statistical Area ...	1	1 136	367	44 106	1 592 834	31 724	63 727	995 267	4 278 673	4 670 929	8 872 138	536 835
Cullman, AL Micropolitan Statistical Area	—	109	35	4 724	146 725	3 694	7 098	99 605	336 224	508 132	843 550	22 045
Boston-Worcester-Manchester, MA-NH Combined Statistical Area	1	8 134	2 700	324 972	14 975 806	190 036	374 379	6 500 487	42 539 160	30 860 341	73 869 181	2 234 477
Boston-Cambridge-Quincy, MA-NH Metropolitan Statistical Area	1	5 872	1 910	232 033	10 952 280	131 012	258 296	4 579 130	32 338 591	22 739 496	55 561 592	1 574 558
Boston-Quincy, MA Metropolitan Division	1	1 901	624	63 740	2 756 960	38 423	76 327	1 257 766	7 818 963	6 123 773	14 005 713	368 841
Cambridge-Newton-Framingham, MA Metropolitan Division	2	2 189	723	90 711	4 606 151	46 231	91 640	1 637 156	13 764 714	8 859 031	22 747 554	626 091
Essex County, MA Metropolitan Division	1	1 134	365	55 183	2 679 381	31 929	62 687	1 232 166	8 128 805	5 773 188	14 187 532	468 030
Rockingham County-Strafford County, NH Metropolitan Division	1	648	198	22 399	909 788	14 429	27 642	452 042	2 626 109	1 983 504	4 620 793	111 596

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Boston-Worcester-Manchester, MA-NH Combined Statistical Area—Con.												
Concord, NH Micropolitan Statistical Area	—	220	82	7 869	296 807	5 770	11 163	182 616	644 114	632 099	1 282 487	48 010
Laconia, NH Micropolitan Statistical Area	1	121	37	3 343	118 424	2 258	4 580	66 115	267 679	218 388	483 970	17 014
Manchester-Nashua, NH Metropolitan Statistical Area ...	1	678	236	31 667	1 453 038	18 372	37 291	604 425	3 418 772	2 738 818	6 088 367	252 764
Worcester, MA Metropolitan Statistical Area	1	1 243	435	50 060	2 155 257	32 624	63 049	1 068 201	5 870 004	4 531 540	10 452 765	342 131
Brownsville-Harlingen-Raymondville, TX Combined Statistical Area	1	244	62	i	D	D	D	D	D	D	D	D
Brownsville-Harlingen, TX Metropolitan Statistical Area ...	1	242	62	9 678	236 503	7 421	12 917	170 531	758 186	881 567	1 607 683	117 015
Cape Girardeau-Sikeston-Jackson, MO-IL Combined Statistical Area	—	205	70	8 413	272 927	6 869	13 474	197 952	1 711 193	1 352 503	3 050 230	193 587
Cape Girardeau-Jackson, MO-IL Micropolitan Statistical Area	—	129	39	5 818	196 184	4 751	9 897	141 876	1 423 043	1 040 000	2 451 593	178 232
Sikeston, MO Micropolitan Statistical Area	1	76	31	2 595	76 743	2 118	3 577	56 076	288 150	312 503	598 637	15 355
Charlotte-Gastonia-Salisbury, NC-SC Combined Statistical Area	—	2 995	1 086	149 242	5 166 626	111 333	220 692	3 270 905	23 910 460	19 223 402	43 176 598	1 042 620
Albemarle, NC Micropolitan Statistical Area	—	121	43	5 663	173 007	4 620	8 986	122 929	414 579	596 002	1 026 294	22 329
Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area	—	2 004	671	91 774	3 318 066	65 028	128 922	1 993 593	17 935 348	10 745 612	28 727 946	632 927
Chester, SC Micropolitan Statistical Area	—	53	31	4 320	143 079	3 563	7 243	101 544	561 359	547 300	1 104 682	26 204
Lancaster, SC Micropolitan Statistical Area	—	64	28	4 677	147 324	3 995	8 330	109 051	659 063	1 073 181	1 735 103	19 481
Lincolnton, NC Micropolitan Statistical Area	1	112	42	5 730	173 606	4 707	9 768	122 022	487 944	563 149	1 046 462	60 852
Salisbury, NC Micropolitan Statistical Area	—	191	86	12 377	401 053	10 044	18 395	289 385	1 009 776	2 995 850	4 001 835	121 991
Shelby, NC Micropolitan Statistical Area	1	175	72	11 822	380 582	9 594	18 934	259 534	1 084 034	1 084 457	2 164 465	71 497
Statesville-Mooresville, NC Micropolitan Statistical Area	1	275	113	12 879	429 909	9 782	20 114	272 847	1 758 357	1 617 851	3 369 811	87 339
Chattanooga-Cleveland-Athens, TN-GA Combined Statistical Area	—	892	337	59 008	2 076 578	44 384	87 459	1 314 981	7 204 590	6 278 916	13 461 763	471 853
Athens, TN Micropolitan Statistical Area	—	65	28	5 804	228 832	4 356	8 557	152 770	777 056	707 280	1 487 086	76 232
Chattanooga, TN-GA Metropolitan Statistical Area ...	—	684	254	42 080	1 446 891	31 114	61 406	882 697	4 223 360	4 090 434	8 282 216	287 643
Cleveland, TN Micropolitan Statistical Area	—	143	55	11 124	400 855	8 914	17 496	279 514	2 204 174	1 481 202	3 692 461	107 978
Chicago-Naperville-Michigan City, IL-IN-WI Combined Statistical Area	1	13 347	4 736	560 985	23 406 439	377 510	763 140	12 925 777	70 485 458	69 057 598	140 014 659	4 354 695
Chicago-Naperville-Joliet, IL-IN-WI Metropolitan Statistical Area	1	13 036	4 611	545 582	22 807 136	366 767	741 015	12 570 564	68 593 222	66 865 881	135 995 452	4 232 138
Chicago-Naperville-Joliet, IL Metropolitan Division	1	11 272	4 020	443 505	17 688 771	302 443	606 754	9 842 946	52 570 840	49 685 266	102 633 179	3 130 806
Gary, IN Metropolitan Division	—	631	206	41 056	2 004 432	30 553	63 412	1 423 346	6 428 211	11 291 443	17 838 672	323 301
Lake County-Kenosha County, IL-WI Metropolitan Division ..	—	1 133	385	61 021	3 113 933	33 771	70 849	1 304 272	9 594 171	5 889 172	15 523 601	778 031
Kankakee-Bradley, IL Metropolitan Statistical Area ...	—	116	45	6 308	271 656	4 181	8 937	158 108	967 841	1 373 500	2 281 138	89 129
Michigan City-La Porte, IN Metropolitan Statistical Area ...	1	195	80	9 095	327 647	6 562	13 188	197 105	924 395	818 217	1 738 069	33 428
Cincinnati-Middletown-Wilmington, OH-KY-IN Combined Statistical Area	1	2 705	999	129 388	5 467 946	87 341	176 279	3 128 754	17 517 847	18 179 034	35 771 972	1 600 698
Cincinnati-Middletown, OH-KY-IN Metropolitan Statistical Area ...	1	2 658	975	125 193	5 327 773	84 151	169 988	3 043 912	17 150 043	17 695 513	34 928 580	1 564 217
Wilmington, OH Micropolitan Statistical Area	—	47	24	4 195	140 173	3 190	6 291	84 842	367 804	483 521	843 392	36 481
Cleveland-Akron-Elyria, OH Combined Statistical Area	1	5 684	1 920	222 079	8 956 471	158 286	310 710	5 559 766	23 836 875	22 784 427	46 704 679	1 605 664
Akron, OH Metropolitan Statistical Area	1	1 330	468	49 572	1 932 883	35 554	70 835	1 185 224	5 647 790	4 622 504	10 242 246	423 986
Ashtabula, OH Micropolitan Statistical Area	1	193	67	8 883	300 815	6 732	14 275	205 369	768 197	830 269	1 604 479	48 901
Cleveland-Elyria-Mentor, OH Metropolitan Statistical Area ...	1	4 161	1 385	163 624	6 722 773	116 000	225 600	4 169 173	17 420 888	17 331 654	34 857 954	1 132 777
Clovis-Portales, NM Combined Statistical Area	3	39	8	408	12 473	283	610	6 858	45 339	118 895	161 303	3 561
Clovis, NM Micropolitan Statistical Area	3	29	5	256	7 813	164	335	3 792	22 054	31 715	52 859	646
Columbia-Newberry, SC Combined Statistical Area	1	633	226	35 688	1 272 386	26 418	53 333	832 300	4 633 789	5 352 726	10 000 112	402 538
Columbia, SC Metropolitan Statistical Area	1	587	199	31 333	1 140 026	22 679	45 835	731 826	4 371 032	4 954 518	9 341 769	387 130
Newberry, SC Micropolitan Statistical Area	1	46	27	4 355	132 360	3 739	7 498	100 474	262 757	398 208	658 343	15 408

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
Columbus-Auburn-Opelika, GA-AL Combined Statistical Area ..	1	309	106	21 431	715 583	17 311	33 067	513 147	2 377 424	2 157 454	4 511 984	131 936
Auburn-Opelika, AL Metropolitan Statistical Area	—	100	33	6 275	246 106	5 059	9 498	176 725	890 988	774 237	1 651 273	48 225
Columbus, GA-AL Metropolitan Statistical Area	2	202	73	15 128	468 507	12 232	23 531	335 889	1 484 662	1 381 649	2 857 370	83 595
Columbus-Marion-Chillicothe, OH Combined Statistical Area ..	—	1 879	675	99 410	4 076 635	70 908	141 060	2 564 034	16 717 314	18 259 720	35 061 474	1 083 500
Chillicothe, OH Micropolitan Statistical Area	—	45	11	3 619	189 199	2 729	6 211	126 124	699 705	1 098 583	1 797 792	40 705
Columbus, OH Metropolitan Statistical Area	—	1 632	570	81 187	3 348 572	56 794	111 785	2 062 686	14 216 511	14 512 331	28 832 091	906 118
Marion, OH Micropolitan Statistical Area	—	87	39	7 166	254 481	5 771	11 815	194 657	1 082 747	1 475 855	2 563 427	54 399
Mount Vernon, OH Micropolitan Statistical Area	—	75	31	4 373	181 905	3 044	5 687	98 932	423 306	716 146	1 119 835	48 094
Washington, OH Micropolitan Statistical Area	1	40	24	3 065	102 478	2 570	5 562	81 635	295 045	456 805	748 329	34 184
Corbin-London, KY Combined Statistical Area	5	85	32	4 871	135 877	3 790	7 759	94 044	430 908	494 184	926 846	16 436
Corbin, KY Micropolitan Statistical Area	7	35	13	1 635	49 397	1 270	2 349	32 434	114 630	152 319	269 271	8 051
London, KY Micropolitan Statistical Area	4	50	19	3 236	86 480	2 520	5 410	61 610	316 278	341 865	657 575	8 385
Corpus Christi-Kingsville, TX Combined Statistical Area	—	294	68	j	D	D	D	D	D	D	D	D
Corpus Christi, TX Metropolitan Statistical Area	—	281	67	12 578	616 253	8 650	18 335	377 599	1 539 835	9 702 188	11 107 745	358 031
Dallas-Fort Worth, TX Combined Statistical Area	1	6 578	2 069	288 604	12 098 540	185 117	371 178	6 044 233	37 629 290	39 727 329	76 502 707	2 228 315
Athens, TX Micropolitan Statistical Area	3	60	15	1 910	50 641	1 534	3 138	36 344	184 241	97 654	280 641	6 528
Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area ...	1	6 365	2 015	280 196	11 851 206	178 278	356 597	5 877 005	37 052 512	39 260 804	75 456 849	2 181 112
Dallas-Plano-Irving, TX Metropolitan Division	1	4 148	1 318	187 752	7 729 037	117 996	232 971	3 726 263	21 739 270	22 119 033	43 739 295	1 587 314
Fort Worth-Arlington, TX Metropolitan Division	—	2 217	697	92 444	4 122 169	60 282	123 626	2 150 742	15 313 242	17 141 771	31 717 554	593 798
Gainesville, TX Micropolitan Statistical Area	1	67	20	4 399	134 483	3 736	8 449	95 391	265 807	233 395	501 013	23 604
Granbury, TX Micropolitan Statistical Area	3	47	7	742	20 742	622	1 251	14 584	46 666	43 264	89 770	3 068
Mineral Wells, TX Micropolitan Statistical Area	5	39	12	1 357	41 468	947	1 743	20 909	80 064	92 212	174 434	14 003
Dayton-Springfield-Greenville, OH Combined Statistical Area ..	—	1 670	592	83 036	3 361 796	60 947	121 222	2 218 719	12 929 609	13 772 272	26 692 420	643 753
Dayton, OH Metropolitan Statistical Area	—	1 336	468	65 221	2 668 758	47 416	94 669	1 744 584	10 603 328	11 024 121	21 638 801	472 981
Greenville, OH Micropolitan Statistical Area	—	81	29	5 053	171 066	3 930	7 910	116 801	551 743	586 838	1 144 633	30 092
Springfield, OH Metropolitan Statistical Area	—	204	73	9 300	392 600	6 796	13 737	265 158	1 195 373	1 740 455	2 935 093	70 425
Urbana, OH Micropolitan Statistical Area	—	49	22	3 462	129 372	2 805	4 906	92 176	579 165	420 858	973 893	70 255
Deltona-Daytona Beach-Palm Coast, FL Combined Statistical Area	1	433	88	10 237	342 806	6 989	13 184	187 685	852 905	826 312	1 672 984	71 103
Deltona-Daytona Beach-Ormond Beach, FL Metropolitan Statistical Area	1	383	73	8 609	289 091	5 760	10 609	154 393	687 362	609 463	1 294 455	63 634
Palm Coast, FL Micropolitan Statistical Area	—	50	15	1 628	53 715	1 229	2 575	33 292	165 543	216 849	378 529	7 469
Denver-Aurora-Boulder, CO Combined Statistical Area	1	3 168	786	90 371	4 058 537	55 855	109 556	2 006 477	10 780 989	9 143 796	20 109 813	848 081
Boulder, CO Metropolitan Statistical Area	2	581	146	16 770	771 640	8 580	16 864	278 814	2 191 400	1 267 748	3 400 112	199 511
Denver-Aurora, CO Metropolitan Statistical Area	1	2 587	640	73 601	3 286 897	47 275	92 692	1 727 663	8 589 589	7 876 048	16 709 701	648 570
Des Moines-Newton, IA Combined Statistical Area	—	530	160	25 347	981 038	17 716	33 626	571 258	2 990 661	3 339 416	6 321 503	171 489
Des Moines, IA Metropolitan Statistical Area	—	481	147	20 473	750 267	14 321	27 534	451 153	2 515 801	2 851 750	5 362 017	130 106
Newton, IA Micropolitan Statistical Area	—	49	13	4 874	230 771	3 395	6 092	120 105	474 860	487 666	959 486	41 383
Detroit-Warren-Flint, MI Combined Statistical Area	—	7 756	2 511	368 538	18 277 966	278 949	546 635	12 979 331	51 270 118	79 947 152	131 140 654	2 892 868
Ann Arbor, MI Metropolitan Statistical Area	—	393	131	27 975	1 510 617	20 895	42 589	1 102 360	3 333 991	4 302 443	7 622 597	117 071
Detroit-Warren-Livonia, MI Metropolitan Statistical Area ...	—	6 865	2 226	307 667	14 985 977	231 576	455 595	10 493 719	44 116 657	67 014 901	111 056 850	2 498 481
Detroit-Livonia-Dearborn, MI Metropolitan Division	—	2 059	645	118 362	6 164 828	92 972	179 378	4 620 418	18 890 667	33 596 911	52 401 486	1 275 878
Warren-Farmington Hills-Troy, MI Metropolitan Division	—	4 806	1 581	189 305	8 821 149	138 604	276 217	5 873 301	25 225 990	33 417 990	58 655 364	1 222 603
Flint, MI Metropolitan Statistical Area	—	347	98	23 871	1 350 015	19 399	36 700	1 077 780	2 677 385	6 573 440	9 269 929	140 474
Monroe, MI Metropolitan Statistical Area	—	151	56	9 025	431 357	7 079	11 751	305 472	1 142 085	2 056 368	3 191 278	136 842
Dothan-Enterprise-Ozark, AL Combined Statistical Area	—	233	75	13 179	372 312	9 920	19 230	243 527	989 100	1 419 041	2 428 242	53 461
Dothan, AL Metropolitan Statistical Area	—	161	53	9 391	286 799	7 103	13 893	189 490	779 482	1 007 367	1 788 532	45 061

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Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

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Geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
Dothan-Enterprise-Ozark, AL Combined Statistical Area— Con. Enterprise-Ozark, AL Micropolitan Statistical Area.....	—	72	22	3 788	85 513	2 817	5 337	54 037	209 618	411 674	639 710	8 400
Eau Claire-Menomonie, WI Combined Statistical Area	2	286	100	12 365	433 021	9 110	17 803	284 084	1 910 067	1 458 728	3 387 588	113 582
Eau Claire, WI Metropolitan Statistical Area	2	237	83	10 141	350 078	7 328	14 458	225 448	1 237 922	1 129 304	2 385 009	85 630
Menomonie, WI Micropolitan Statistical Area	—	49	17	2 224	82 943	1 782	3 345	58 636	672 145	329 424	1 002 579	27 952
Fairmont-Clarksburg, WV Combined Statistical Area	2	133	36	3 560	120 906	2 819	5 749	84 020	329 245	514 004	853 610	D
Clarksburg, WV Micropolitan Statistical Area	4	77	22	2 261	76 757	1 777	3 723	52 389	189 831	262 503	456 443	14 138
Fairmont, WV Micropolitan Statistical Area	—	56	14	1 299	44 149	1 042	2 026	31 631	139 414	251 501	397 167	D
Fargo-Wahpeton, ND-MN Combined Statistical Area	—	262	89	10 240	334 705	7 577	14 906	207 195	1 060 974	1 293 017	2 387 095	68 152
Fargo, ND-MN Metropolitan Statistical Area	1	226	77	8 122	257 003	5 868	11 221	150 182	709 502	948 960	1 671 416	44 043
Wahpeton, ND-MN Micropolitan Statistical Area	—	36	12	2 118	77 702	1 709	3 685	57 013	351 472	344 057	715 679	24 109
Findlay-Tiffin-Fostoria, OH Combined Statistical Area	—	192	85	17 394	673 130	13 417	27 677	467 023	2 039 067	2 059 873	4 109 806	140 007
Findlay, OH Micropolitan Statistical Area	—	99	44	12 406	470 183	9 579	19 442	324 695	1 439 857	1 560 080	3 013 234	113 635
Tiffin-Fostoria, OH Micropolitan Statistical Area	—	93	41	4 988	202 947	3 838	8 235	142 328	599 210	499 793	1 096 572	26 372
Fond du Lac-Beaver Dam, WI Combined Statistical Area	—	337	132	20 961	776 230	16 083	30 891	513 720	2 444 839	2 729 977	5 196 887	98 897
Beaver Dam, WI Micropolitan Statistical Area	—	171	71	10 446	377 051	8 287	16 113	265 771	1 346 930	1 349 936	2 723 935	56 433
Fond du Lac, WI Metropolitan Statistical Area	—	166	61	10 515	399 179	7 796	14 778	247 949	1 097 909	1 380 041	2 472 952	42 464
Fort Polk South-De Ridder, LA Combined Statistical Area	—	26	5	g	D	D	D	D	D	D	D	D
De Ridder, LA Micropolitan Statistical Area	—	20	4	988	55 071	752	1 723	38 689	257 975	308 091	564 378	32 161
Fort Wayne-Huntington-Auburn, IN Combined Statistical Area ...	—	1 076	476	67 618	2 655 765	52 018	102 903	1 835 117	9 478 484	11 081 607	20 467 211	375 047
Auburn, IN Micropolitan Statistical Area	—	115	65	10 767	436 322	8 150	16 108	292 211	1 415 209	1 675 759	3 020 530	59 935
Decatur, IN Micropolitan Statistical Area	—	68	32	5 711	193 569	4 587	8 798	139 611	742 573	952 972	1 697 243	33 106
Fort Wayne, IN Metropolitan Statistical Area	—	676	265	34 997	1 480 674	26 737	52 998	1 037 568	5 767 380	6 598 316	12 349 245	192 154
Huntington, IN Micropolitan Statistical Area	—	72	35	5 763	194 497	4 286	8 430	121 014	618 226	658 861	1 275 549	22 741
Kendallville, IN Micropolitan Statistical Area	1	145	79	10 380	350 703	8 258	16 569	244 713	935 096	1 195 699	2 124 644	67 111
Fresno-Madera, CA Combined Statistical Area	1	804	273	31 053	996 053	22 929	45 012	611 117	3 120 498	3 971 255	7 113 123	206 325
Fresno, CA Metropolitan Statistical Area	2	701	232	26 639	844 932	19 460	38 763	506 748	2 530 737	3 442 940	6 008 599	166 468
Madera, CA Metropolitan Statistical Area	—	103	41	4 414	151 121	3 469	6 249	104 369	589 761	528 315	1 104 524	39 857
Grand Rapids-Muskegon-Holland, MI Combined Statistical Area	1	2 529	991	151 494	6 112 273	108 226	215 959	3 664 463	16 452 347	14 892 803	31 266 761	915 602
Allegan, MI Micropolitan Statistical Area	—	208	90	16 614	609 067	11 936	24 747	384 517	2 101 598	2 221 353	4 322 906	92 857
Grand Rapids-Wyoming, MI Metropolitan Statistical Area ...	1	1 373	561	85 015	3 588 857	59 490	116 771	2 120 908	8 123 478	7 336 456	15 437 747	501 414
Holland-Grand Haven, MI Metropolitan Statistical Area ...	1	616	216	35 521	1 339 157	26 234	52 140	790 874	4 672 629	4 049 810	8 653 850	224 845
Muskegon-Norton Shores, MI Metropolitan Statistical Area ...	—	332	124	14 344	575 192	10 566	22 301	368 164	1 554 642	1 285 184	2 852 258	96 486
Greensboro-Winston-Salem--High Point, NC Combined Statistical Area	1	2 254	898	130 916	4 229 608	102 533	195 672	2 811 720	20 186 668	13 979 902	34 109 513	883 823
Greensboro-High Point, NC Metropolitan Statistical Area ...	1	1 286	550	73 463	2 405 714	57 179	109 044	1 586 430	9 998 475	8 226 319	18 210 292	573 488
Lexington-Thomasville, NC Metropolitan Statistical Area	2	319	118	17 444	504 490	14 445	27 057	352 308	1 207 506	1 208 721	2 413 219	123 685
Mount Airy, NC Micropolitan Statistical Area	1	134	47	9 458	234 555	7 807	15 769	169 887	572 000	638 272	1 190 536	30 681
Winston-Salem, NC Metropolitan Statistical Area	—	515	183	30 551	1 084 849	23 102	43 802	703 095	8 408 687	3 906 590	12 295 466	155 969
Greenville-Anderson-Seneca, SC Combined Statistical Area	—	1 152	433	70 965	2 568 226	55 367	108 849	1 701 657	12 792 734	10 531 622	23 429 425	763 491
Anderson, SC Metropolitan Statistical Area	—	253	97	17 949	622 315	14 598	28 960	445 458	1 666 236	2 264 467	3 936 764	154 149
Greenville, SC Metropolitan Statistical Area	—	807	303	47 115	1 745 955	36 265	70 876	1 121 805	10 426 996	7 737 478	18 247 711	580 254
Seneca, SC Micropolitan Statistical Area	—	92	33	5 901	199 956	4 504	9 013	134 394	699 502	529 677	1 244 950	29 088

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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	—	278	73	19 264	767 503	13 433	23 485	458 476	1 908 931	4 802 915	6 612 634	249 973
Gulfport-Biloxi, MS Metropolitan Statistical Area	1	175	47	4 554	172 216	3 474	7 269	119 244	868 894	809 918	1 681 883	46 269
Pascagoula, MS Metropolitan Statistical Area	—	103	26	14 710	595 287	9 959	16 216	339 232	1 040 037	3 992 997	4 930 751	203 704
Harrisburg-Carlisle-Lebanon, PA Combined Statistical Area	1	690	232	31 516	1 152 294	23 982	48 235	808 237	3 629 490	3 677 479	7 325 829	198 068
Harrisburg-Carlisle, PA Metropolitan Statistical Area ...	1	471	154	21 903	826 429	16 704	34 022	596 015	2 811 718	2 772 718	5 605 909	115 006
Lebanon, PA Metropolitan Statistical Area	—	219	78	9 613	325 865	7 278	14 213	212 222	817 772	904 761	1 719 920	83 062
Hartford-West Hartford-Willimantic, CT Combined Statistical Area	1	2 134	712	84 389	3 955 212	51 134	104 541	1 944 958	9 052 802	6 444 025	15 691 164	544 643
Hartford-West Hartford-East Hartford, CT Metropolitan Statistical Area	1	1 937	639	77 139	3 696 124	45 935	94 663	1 798 272	8 183 363	5 896 464	14 256 319	512 800
Willimantic, CT Micropolitan Statistical Area	1	197	73	7 250	259 088	5 199	9 878	146 686	869 439	547 561	1 434 845	31 843
Houston-Baytown-Huntsville, TX Combined Statistical Area	—	5 485	1 695	195 881	8 781 688	129 300	263 974	4 879 553	34 207 958	61 873 903	96 019 601	4 026 149
Bay City, TX Micropolitan Statistical Area	—	25	2	488	32 285	303	654	18 848	227 720	542 319	768 055	8 114
Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area	—	5 425	1 686	194 615	8 724 099	128 430	262 164	4 842 171	33 908 459	61 238 198	95 090 659	4 015 195
Huntsville, TX Micropolitan Statistical Area	—	35	7	778	25 304	567	1 156	18 534	71 779	93 386	160 887	2 840
Huntsville-Decatur, AL Combined Statistical Area	—	643	227	41 213	1 726 880	30 168	60 512	1 137 757	5 242 353	7 589 906	12 738 182	679 931
Decatur, AL Metropolitan Statistical Area	—	234	82	13 705	551 166	10 734	20 278	378 071	2 095 210	3 489 910	5 484 878	413 788
Huntsville, AL Metropolitan Statistical Area	—	409	145	27 508	1 175 714	19 434	40 234	759 686	3 147 143	4 099 996	7 253 304	266 143
Idaho Falls-Blackfoot, ID Combined Statistical Area	1	199	44	5 322	132 481	4 526	8 596	96 182	528 030	449 348	970 337	77 634
Blackfoot, ID Micropolitan Statistical Area	1	48	10	2 366	55 849	2 053	3 709	40 417	228 967	203 939	428 717	36 673
Idaho Falls, ID Metropolitan Statistical Area	1	151	34	2 956	76 632	2 473	4 887	55 765	299 063	245 409	541 620	40 961
Indianapolis-Anderson-Columbus, IN Combined Statistical Area	—	2 288	806	123 236	5 444 572	88 457	174 495	3 493 449	20 559 916	16 730 566	37 342 833	D
Anderson, IN Metropolitan Statistical Area	1	130	44	8 230	354 437	6 187	11 360	241 541	874 696	766 599	1 630 705	41 334
Columbus, IN Metropolitan Statistical Area	—	136	68	11 502	406 821	8 278	15 878	264 529	1 522 537	2 071 590	3 596 692	76 056
Crawfordsville, IN Micropolitan Statistical Area	—	62	23	5 906	242 894	4 753	9 498	179 424	960 177	1 020 929	1 976 474	177 286
Indianapolis, IN Metropolitan Statistical Area	—	1 871	638	92 678	4 219 161	65 270	129 911	2 635 943	16 712 547	12 317 695	29 083 256	916 664
New Castle, IN Micropolitan Statistical Area	—	45	14	2 894	160 016	2 300	4 700	126 085	323 514	419 084	751 772	66 497
North Vernon, IN Micropolitan Statistical Area	—	44	19	2 026	61 243	1 669	3 148	45 927	166 445	134 669	303 934	D
Ithaca-Cortland, NY Combined Statistical Area	2	164	53	7 128	254 335	5 018	9 776	150 767	761 214	662 475	1 410 150	41 671
Cortland, NY Micropolitan Statistical Area	4	73	31	3 819	130 543	2 774	5 275	82 175	309 161	347 798	644 801	20 758
Ithaca, NY Metropolitan Statistical Area	—	91	22	3 309	123 792	2 244	4 501	68 592	452 053	314 677	765 349	20 913
Jackson-Yazoo City, MS Combined Statistical Area	1	449	155	21 238	655 903	16 460	31 189	418 726	1 999 910	2 293 764	4 321 750	108 522
Jackson, MS Metropolitan Statistical Area	1	424	148	19 626	605 431	15 225	28 859	393 209	1 895 661	2 117 592	4 027 243	103 132
Yazoo City, MS Micropolitan Statistical Area	1	25	7	1 612	50 472	1 235	2 330	25 517	104 249	176 172	294 507	5 390
Johnson City-Kingsport-Bristol, TN-VA Combined Statistical Area	—	538	215	38 815	1 501 895	27 935	56 832	872 226	4 018 433	4 590 354	8 616 520	814 982
Bristol, VA Metropolitan Statistical Area	2	102	45	7 675	267 259	5 794	11 964	174 080	469 494	582 582	1 083 781	17 868
Johnson City, TN Metropolitan Statistical Area	—	212	83	11 329	337 488	8 799	16 432	216 338	838 115	989 747	1 821 530	42 793
Kingsport-Bristol, TN-VA Metropolitan Statistical Area ...	—	224	87	19 811	897 148	13 342	28 436	481 808	2 710 824	3 018 025	5 711 209	754 321
Kansas City-Overland Park-Kansas City, MO-KS Combined Statistical Area	1	2 215	721	89 878	3 787 726	61 955	123 715	2 256 168	15 736 184	17 234 559	32 882 188	699 886
Atchison, KS Micropolitan Statistical Area	—	22	10	1 671	57 370	1 299	2 630	42 413	147 311	174 251	321 397	17 160
Kansas City, MO-KS Metropolitan Statistical Area ...	1	2 164	704	86 631	3 684 650	59 522	119 406	2 187 224	15 481 169	16 996 591	32 389 758	679 065
Warrensburg, MO Micropolitan Statistical Area	—	29	7	1 576	45 706	1 134	1 679	26 531	107 704	63 717	171 033	3 661
Knoxville-Sevierville-La Follette, TN Combined Statistical Area ..	—	925	317	k	D	D	D	D	D	D	D	D
Harriman, TN Micropolitan Statistical Area	—	32	13	g	D	D	D	D	D	D	D	5 083
Knoxville, TN Metropolitan Statistical Area	—	765	276	40 131	1 590 135	26 720	53 038	879 904	5 327 839	5 064 609	10 298 190	333 841

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Knoxville-Sevierville-La Follette, TN Combined Statistical Area—Con.												
La Follette, TN Micropolitan Statistical Area	1	46	13	1 463	41 984	1 118	2 142	27 184	112 290	108 437	222 905	D
Sevierville, TN Micropolitan Statistical Area	2	82	15	1 607	49 054	1 225	2 518	30 756	117 345	88 847	208 272	5 998
Kokomo-Peru, IN Combined Statistical Area	—	158	62	19 988	1 112 089	14 331	31 201	778 008	4 420 995	3 315 461	7 764 237	D
Kokomo, IN Micropolitan Statistical Area	—	101	39	16 698	1 024 044	12 177	27 242	721 378	4 144 121	2 975 699	7 146 947	D
Peru, IN Micropolitan Statistical Area	2	57	23	3 290	88 045	2 154	3 959	56 630	276 874	339 762	617 290	9 159
Lafayette-Acadiana, LA Combined Statistical Area	1	534	153	16 345	546 576	12 229	25 173	358 407	1 526 868	2 253 168	3 782 304	110 853
Abbeville, LA Micropolitan Statistical Area	3	39	11	1 712	58 056	1 460	3 019	44 355	164 798	190 379	355 300	5 156
Crowley, LA Micropolitan Statistical Area	3	52	18	1 941	43 995	1 435	2 738	27 711	114 248	162 523	278 353	4 615
Lafayette, LA Micropolitan Statistical Area	1	298	74	7 162	235 886	4 877	10 152	134 656	622 526	694 566	1 300 671	40 629
New Iberia, LA Micropolitan Statistical Area	1	97	34	3 861	143 751	3 151	6 783	108 177	413 576	310 071	755 533	27 854
Opelousas-Eunice, LA Micropolitan Statistical Area	—	48	16	1 669	64 888	1 306	2 481	43 508	211 720	895 629	1 092 447	32 599
Lafayette-Frankfort, IN Combined Statistical Area	—	225	90	23 380	933 577	17 770	33 396	634 755	3 109 947	4 536 392	7 652 853	231 256
Frankfort, IN Micropolitan Statistical Area	—	50	20	4 503	145 594	3 729	6 957	108 645	1 052 397	598 548	1 643 427	35 309
Lafayette, IN Micropolitan Statistical Area	—	175	70	18 877	787 983	14 041	26 439	526 110	2 057 550	3 937 844	6 009 426	195 947
Lake Charles-Jennings, LA Combined Statistical Area	—	157	58	10 204	567 353	6 762	14 792	352 099	2 960 794	9 038 828	11 922 544	452 616
Jennings, LA Micropolitan Statistical Area	5	15	4	481	19 111	411	874	15 580	41 520	38 523	80 342	1 901
Lake Charles, LA Micropolitan Statistical Area	—	142	54	9 723	548 242	6 351	13 918	336 519	2 919 274	9 000 305	11 842 202	450 715
Lansing-East Lansing-Owosso, MI Combined Statistical Area	—	494	180	27 317	1 293 378	20 791	42 836	951 119	6 111 370	8 315 127	14 424 957	194 027
Lansing-East Lansing, MI Metropolitan Statistical Area	—	412	149	23 817	1 194 678	18 083	37 650	887 413	5 835 475	8 044 916	13 881 182	183 737
Owosso, MI Micropolitan Statistical Area	1	82	31	3 500	98 700	2 708	5 186	63 706	275 895	270 211	543 775	10 290
Las Vegas-Paradise-Pahrump, NV Combined Statistical Area	2	954	229	20 097	729 271	14 057	27 733	436 126	2 230 577	1 711 383	3 916 350	193 057
Las Vegas-Paradise, NV Metropolitan Statistical Area	2	926	226	19 776	719 581	13 799	27 267	429 804	2 214 524	1 671 652	3 859 954	191 290
Pahrump, NV Micropolitan Statistical Area	3	28	3	321	9 690	258	466	6 322	16 053	39 731	56 396	1 767
Lexington-Fayette-Frankfort-Richmond, KY Combined Statistical Area	—	668	265	48 980	2 137 159	35 893	71 248	1 386 019	8 374 895	12 832 552	21 252 499	395 601
Frankfort, KY Micropolitan Statistical Area	1	68	25	4 172	153 644	3 178	6 299	101 578	459 243	530 863	1 014 498	29 346
Lexington-Fayette, KY Metropolitan Statistical Area	—	462	179	34 683	1 660 032	24 835	49 173	1 068 267	6 935 413	10 791 511	17 752 515	320 718
Mount Sterling, KY Micropolitan Statistical Area	1	59	24	3 691	90 249	2 926	5 498	59 189	300 104	317 485	611 061	13 008
Richmond, KY Micropolitan Statistical Area	—	79	37	6 434	233 234	4 954	10 278	156 985	680 135	1 192 693	1 874 425	32 529
Little Rock-North Little Rock-Pine Bluff, AR Combined Statistical Area	1	788	258	39 979	1 295 298	30 843	59 807	862 132	4 554 808	4 922 385	9 366 451	266 102
Little Rock-North Little Rock, AR Metropolitan Statistical Area	—	618	191	28 183	938 433	21 275	40 713	600 287	3 101 807	3 731 692	6 899 810	195 284
Pine Bluff, AR Micropolitan Statistical Area	—	90	37	7 330	234 260	6 063	12 237	174 975	1 066 349	686 409	1 583 387	53 446
Searcy, AR Micropolitan Statistical Area	3	80	30	4 466	122 605	3 505	6 857	86 870	386 652	504 284	883 254	17 372
Longview-Marshall, TX Combined Statistical Area	—	348	122	14 532	522 850	10 952	22 915	335 502	1 718 620	1 798 135	3 513 955	126 507
Longview, TX Micropolitan Statistical Area	—	273	94	11 754	451 768	8 847	18 559	285 365	1 437 808	1 624 807	3 052 442	86 757
Marshall, TX Micropolitan Statistical Area	—	75	28	2 778	71 082	2 105	4 356	50 137	280 812	173 328	461 513	39 750
Los Angeles-Long Beach-Riverside, CA Combined Statistical Area	1	27 681	8 066	882 222	33 292 643	600 789	1 176 541	17 176 195	94 961 431	85 858 754	180 413 543	8 363 535
Los Angeles-Long Beach-Santa Ana, CA Metropolitan Statistical Area	1	22 826	6 560	729 108	27 886 057	488 291	951 098	13 943 548	77 211 853	71 350 178	148 133 088	7 179 510
Los Angeles-Long Beach-Glendale, CA Metropolitan Division	1	17 205	4 870	530 939	19 989 479	361 452	701 433	10 239 379	55 525 812	52 261 579	108 052 135	5 619 927
Santa Ana-Anaheim-Irvine, CA Metropolitan Division	1	5 621	1 690	198 169	7 896 578	126 839	249 665	3 704 169	21 686 041	19 088 599	40 080 953	1 559 583
Oxnard-Thousand Oaks-Ventura, CA Metropolitan Statistical Area	1	1 051	304	33 124	1 314 903	22 483	45 432	674 581	4 525 268	2 591 176	7 140 438	259 332
Riverside-San Bernardino-Ontario, CA Metropolitan Statistical Area	1	3 804	1 202	119 990	4 091 683	90 015	180 011	2 558 066	13 224 310	11 917 400	25 140 017	924 693

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)				
Louisville-Elizabethtown-Scottsburg, KY-IN Combined Statistical Area	—	1 601	639	90 723	3 669 386	69 348	140 349	2 540 743	10 096 183	20 704 233	30 764 142	697 561
Elizabethtown, KY Metropolitan Statistical Area	2	106	40	7 444	262 648	5 839	12 628	176 981	877 845	1 041 742	1 908 238	132 996
Louisville, KY-IN Metropolitan Statistical Area	—	1 459	581	80 838	3 328 995	61 472	123 611	2 306 389	8 794 261	19 326 664	28 096 883	535 350
Scottsburg, IN Micropolitan Statistical Area	3	36	18	2 441	77 743	2 037	4 110	57 373	424 077	335 827	759 021	29 215
Lubbock-Levelland, TX Combined Statistical Area	2	279	69	6 269	191 060	4 533	8 686	116 794	557 853	562 234	1 132 986	32 116
Lubbock, TX Metropolitan Statistical Area	2	265	67	6 074	186 487	4 372	8 359	113 462	549 200	556 311	1 118 667	31 739
Lumberton-Laurinburg, NC Combined Statistical Area	—	131	67	15 001	407 701	12 558	25 099	298 650	2 117 207	1 524 649	3 622 982	76 290
Laurinburg, NC Micropolitan Statistical Area	—	42	25	5 972	180 634	5 176	10 758	139 686	643 208	552 535	1 192 915	28 538
Lumberton, NC Micropolitan Statistical Area	—	89	42	9 029	227 067	7 382	14 341	158 964	1 473 999	972 114	2 430 067	47 752
Macon-Warner Robins-Fort Valley, GA Combined Statistical Area	—	279	78	15 242	606 664	11 830	23 385	427 439	5 391 268	2 008 824	7 400 090	119 977
Fort Valley, GA Micropolitan Statistical Area	—	28	10	2 745	71 454	2 049	3 992	58 112	110 407	265 055	379 664	7 765
Macon, GA Metropolitan Statistical Area	—	193	51	9 629	435 354	7 473	14 953	292 804	4 661 845	1 451 232	6 095 398	91 697
Warner Robins, GA Metropolitan Statistical Area	—	58	17	2 868	99 856	2 308	4 440	76 523	619 016	292 537	925 028	20 515
Madison-Baraboo, WI Combined Statistical Area	—	832	288	37 685	1 424 778	25 693	50 209	805 984	4 342 937	3 882 062	8 188 361	232 743
Baraboo, WI Micropolitan Statistical Area	1	107	45	6 277	203 940	5 060	10 081	149 086	628 214	628 970	1 257 978	36 430
Madison, WI Metropolitan Statistical Area	—	725	243	31 408	1 220 838	20 633	40 128	656 898	3 714 723	3 253 092	6 930 383	196 313
Mansfield-Bucyrus, OH Combined Statistical Area	—	297	126	19 767	787 036	15 368	29 770	576 009	2 040 685	2 016 467	4 036 268	131 637
Bucyrus, OH Micropolitan Statistical Area	1	90	40	5 871	212 015	4 543	8 521	148 866	655 104	479 345	1 131 356	26 743
Mansfield, OH Metropolitan Statistical Area	—	207	86	13 896	575 021	10 825	21 249	427 143	1 385 581	1 537 122	2 904 912	104 894
Milwaukee-Racine-Waukesha, WI Combined Statistical Area	1	3 308	1 244	155 402	6 388 931	104 525	201 618	3 584 870	18 879 675	16 716 525	35 781 940	1 081 430
Milwaukee-Waukesha-West Allis, WI Metropolitan Statistical Area	1	2 967	1 112	138 997	5 694 579	93 499	179 577	3 195 024	15 042 861	14 092 481	29 328 356	936 477
Racine, WI Metropolitan Statistical Area	—	341	132	16 405	694 352	11 026	22 041	389 846	3 836 814	2 624 044	6 453 584	144 953
Minneapolis-St. Paul-St. Cloud, MN-WI Combined Statistical Area	—	5 768	1 938	242 768	10 308 391	155 419	306 634	5 389 262	27 169 001	25 369 106	52 672 600	1 671 233
Faribault-Northfield, MN Micropolitan Statistical Area	—	85	23	4 647	170 708	3 579	7 007	126 333	566 649	562 359	1 107 274	30 648
Hutchinson, MN Micropolitan Statistical Area	—	73	32	7 339	284 719	5 464	10 856	182 507	805 249	455 866	1 271 733	141 874
Minneapolis-St. Paul-Bloomington, MN-WI Metropolitan Statistical Area	1	5 195	1 738	209 774	9 115 654	130 366	257 129	4 577 618	23 870 248	22 149 189	46 168 209	1 382 217
Red Wing, MN Micropolitan Statistical Area	—	90	33	4 485	163 726	3 296	6 404	100 008	412 114	619 206	1 029 059	11 928
St. Cloud, MN Metropolitan Statistical Area	—	325	112	16 523	573 584	12 714	25 238	402 796	1 514 741	1 582 486	3 096 325	104 566
Mobile-Daphne-Fairhope, AL Combined Statistical Area	—	548	166	22 709	869 870	16 324	33 306	553 380	2 871 349	3 972 211	6 838 690	256 625
Daphne-Fairhope, AL Micropolitan Statistical Area	—	145	30	4 957	153 866	3 716	7 760	97 197	525 997	673 351	1 171 949	28 564
Mobile, AL Metropolitan Statistical Area	—	403	136	17 752	716 004	12 608	25 546	456 183	2 345 352	3 298 860	5 666 741	228 061
Monroe-Bastrop, LA Combined Statistical Area	—	176	61	10 202	396 897	8 124	15 676	287 244	1 074 207	1 382 972	2 469 420	D
Bastrop, LA Micropolitan Statistical Area	—	14	6	1 050	49 632	868	1 752	38 032	189 688	181 463	371 059	D
Monroe, LA Metropolitan Statistical Area	—	162	55	9 152	347 265	7 256	13 924	249 212	884 519	1 201 509	2 098 361	67 228
Morristown-Newport, TN Combined Statistical Area	1	253	110	20 031	606 949	15 912	30 561	421 537	2 025 853	1 980 734	3 983 484	139 445
Morristown, TN Metropolitan Statistical Area	1	218	99	17 798	533 515	14 160	27 205	370 365	1 763 040	1 669 206	3 413 686	123 663
Newport, TN Micropolitan Statistical Area	6	35	11	2 233	73 434	1 752	3 356	51 172	262 813	311 528	569 798	15 782
Myrtle Beach-Conway-Georgetown, SC Combined Statistical Area	1	230	46	7 409	253 506	5 510	10 623	162 083	682 822	783 183	1 466 441	57 870
Georgetown, SC Micropolitan Statistical Area	—	64	22	3 026	108 220	2 515	4 700	78 521	406 107	481 728	889 752	33 115
Myrtle Beach-Conway-North Myrtle Beach, SC Metropolitan Statistical Area	2	166	24	4 383	145 286	2 995	5 923	83 562	276 715	301 455	576 689	24 755

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

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Geographic area	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)				
Nashville-Davidson--Murfreesboro--Columbia, TN Combined Statistical Area	—	1 661	566	90 186	3 623 941	68 923	138 181	2 501 493	12 000 431	20 906 814	32 854 538	D
Columbia, TN Micropolitan Statistical Area	—	77	30	9 093	599 721	7 631	17 593	501 837	1 659 273	2 315 808	3 965 812	D
Nashville-Davidson--Murfreesboro, TN Metropolitan Statistical Area	—	1 584	536	81 093	3 024 220	61 292	120 588	1 999 656	10 341 158	18 591 006	28 888 726	1 093 897
New Orleans-Metairie-Bogalusa, LA Combined Statistical Area ..	—	949	272	38 722	1 648 202	26 153	51 125	997 272	7 783 709	19 412 322	27 102 598	526 355
Bogalusa, LA Micropolitan Statistical Area	—	36	12	1 367	60 929	1 097	2 183	43 944	250 639	219 458	476 382	9 925
New Orleans-Metairie-Kenner, LA Metropolitan Statistical Area	—	913	260	37 355	1 587 273	25 056	48 942	953 328	7 533 070	19 192 864	26 626 216	516 430
New York-Newark-Bridgeport, NY-NJ-CT-PA Combined Statistical Area	2	25 878	6 680	717 786	29 418 411	453 854	883 991	14 117 951	98 410 933	70 083 110	168 918 051	4 770 188
Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area ...	2	1 164	348	54 168	2 633 787	29 386	55 219	1 017 117	9 458 645	4 469 882	13 928 159	420 323
Kingston, NY Metropolitan Statistical Area	1	211	52	5 574	193 512	4 029	7 609	115 336	450 597	367 166	822 320	18 328
New Haven-Milford, CT Metropolitan Statistical Area ...	2	1 455	442	48 872	2 074 660	29 676	60 609	1 024 098	5 367 899	4 105 252	9 632 100	306 034
New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area	2	21 761	5 463	558 497	22 116 527	363 343	707 170	11 063 225	76 030 006	56 352 580	132 667 772	3 604 807
Edison, NJ Metropolitan Division	2	2 142	657	87 468	4 062 243	50 682	100 352	1 746 196	10 005 029	9 264 270	19 321 959	810 829
Newark-Union, NJ-PA Metropolitan Division	1	2 997	927	98 010	4 165 138	62 882	122 610	2 128 971	16 495 951	13 965 618	30 735 330	923 892
New York-Wayne-White Plains, NY-NJ Metropolitan Division	2	12 649	2 925	273 853	9 930 710	186 174	360 502	5 263 938	33 541 496	25 274 867	58 811 057	1 229 751
Suffolk County-Nassau County, NY Metropolitan Division	2	3 973	954	99 166	3 958 436	63 605	123 706	1 924 120	15 987 530	7 847 825	23 799 426	640 335
Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area	—	550	155	27 902	1 523 566	11 818	23 582	381 709	4 078 517	2 732 622	6 775 156	284 363
Torrington, CT Micropolitan Statistical Area	1	422	127	14 173	523 786	9 732	18 288	319 013	1 567 864	1 141 888	2 712 126	79 131
Trenton-Ewing, NJ Metropolitan Statistical Area	1	315	93	8 600	352 573	5 870	11 514	197 453	1 457 405	913 720	2 380 418	57 202
Oklahoma City-Shawnee, OK Combined Statistical Area	—	1 204	307	44 606	1 658 259	31 717	63 173	1 061 769	5 938 993	6 946 682	12 808 757	317 656
Oklahoma City, OK Metropolitan Statistical Area	—	1 141	287	41 197	1 542 123	29 147	58 132	984 886	5 652 120	6 645 156	12 220 074	262 757
Shawnee, OK Micropolitan Statistical Area	—	63	20	3 409	116 136	2 570	5 041	76 883	286 873	301 526	588 683	54 899
Omaha-Council Bluffs-Fremont, NE-IA Combined Statistical Area	—	813	260	37 586	1 302 632	27 875	56 581	845 948	4 445 943	6 753 240	11 121 312	370 207
Fremont, NE Micropolitan Statistical Area	—	70	29	3 652	108 074	2 842	5 525	73 648	382 457	594 202	979 512	8 430
Omaha-Council Bluffs, NE-IA Metropolitan Statistical Area ...	—	743	231	33 934	1 194 558	25 033	51 056	772 300	4 063 486	6 159 038	10 141 800	361 777
Orlando-The Villages, FL Combined Statistical Area	1	1 531	378	47 197	2 138 485	25 802	50 383	731 703	5 909 288	4 451 514	10 356 717	333 610
Orlando, FL Metropolitan Statistical Area	1	1 506	370	46 376	2 114 485	25 172	49 029	715 303	5 846 339	4 273 714	10 115 464	330 300
The Villages, FL Micropolitan Statistical Area	—	25	8	821	24 000	630	1 354	16 400	62 949	177 800	241 253	3 310
Paducah-Mayfield, KY-IL Combined Statistical Area	1	137	47	7 008	304 052	4 803	10 159	187 399	898 770	1 000 119	1 940 496	62 129
Mayfield, KY Micropolitan Statistical Area	1	54	15	2 833	90 268	2 188	4 847	69 383	256 844	293 430	566 232	23 937
Paducah, KY-IL Micropolitan Statistical Area	1	83	32	4 175	213 784	2 615	5 312	118 016	641 926	706 689	1 374 264	38 192
Peoria-Canton, IL Combined Statistical Area	—	388	152	j	D	D	D	D	D	D	D	207 195
Canton, IL Micropolitan Statistical Area	3	21	4	e	D	D	D	D	D	D	D	562
Peoria, IL Metropolitan Statistical Area	—	367	148	20 760	872 665	13 583	27 746	496 313	2 916 341	3 767 513	6 771 614	206 633
Philadelphia-Camden-Vineland, PA-NJ-DE-MD Combined Statistical Area	1	6 808	2 183	262 470	11 398 008	174 038	348 283	6 190 283	43 140 611	51 329 509	94 451 994	2 323 028
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area ...	1	6 608	2 102	252 316	11 040 631	166 400	332 622	5 945 041	41 857 954	50 407 319	92 228 788	2 246 915
Camden, NJ Metropolitan Division	1	1 341	454	49 900	2 215 382	33 705	68 071	1 300 046	7 671 215	9 012 170	16 574 690	494 317
Philadelphia, PA Metropolitan Division	1	4 702	1 454	171 845	7 346 527	113 015	227 607	3 834 150	30 241 784	31 003 511	61 179 626	1 246 434
Wilmington, DE-MD-NJ Metropolitan Division	—	565	194	30 571	1 478 722	19 680	36 944	810 845	3 944 955	10 391 638	14 474 472	506 164
Vineland-Millville-Bridgeton, NJ Metropolitan Statistical Area ...	1	200	81	10 154	357 377	7 638	15 661	245 242	1 282 657	922 190	2 223 206	76 113
Pittsburgh-New Castle, PA Combined Statistical Area	1	3 143	1 014	112 635	4 458 277	76 883	152 254	2 603 936	12 545 891	13 467 407	26 011 385	627 636
New Castle, PA Micropolitan Statistical Area	—	176	56	4 798	175 703	3 607	7 600	115 768	689 104	632 737	1 326 159	37 798

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Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

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Geographic area	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)				
Pittsburgh-New Castle, PA Combined Statistical Area—Con.												
Pittsburgh, PA Metropolitan Statistical Area	1	2 967	958	107 837	4 282 574	73 276	144 654	2 488 168	11 856 787	12 834 670	24 685 226	589 838
Portland-Lewiston-South Portland, ME Combined Statistical Area	1	876	234	36 662	1 444 678	25 269	47 559	882 538	3 630 335	2 808 669	6 512 360	294 874
Lewiston-Auburn, ME Metropolitan Statistical Area ...	3	169	60	7 115	253 707	4 989	9 868	151 010	864 123	577 298	1 441 405	142 447
Portland-South Portland, ME Metropolitan Statistical Area ...	1	707	174	29 547	1 190 971	20 280	37 691	731 528	2 766 212	2 231 371	5 070 955	152 427
Raleigh-Durham-Cary, NC Combined Statistical Area	—	1 299	353	65 814	2 762 366	37 403	75 166	1 129 337	12 048 971	9 123 648	21 208 921	795 194
Dunn, NC Micropolitan Statistical Area	1	64	19	2 546	73 832	1 991	3 901	47 118	155 330	159 989	316 493	8 171
Durham, NC Metropolitan Statistical Area	1	368	109	34 432	1 566 091	16 455	33 625	505 759	3 433 508	3 323 263	6 737 786	376 468
Raleigh-Cary, NC Metropolitan Statistical Area	—	867	225	28 836	1 122 443	18 957	37 640	576 460	8 460 133	5 640 396	14 154 642	410 555
Rochester-Batavia-Seneca Falls, NY Combined Statistical Area ..	1	1 524	532	82 198	3 651 148	51 133	101 788	1 786 675	11 718 517	8 066 402	19 932 610	587 930
Batavia, NY Micropolitan Statistical Area	1	98	34	3 464	121 136	2 406	4 689	71 233	300 051	421 182	715 208	16 813
Rochester, NY Metropolitan Statistical Area	1	1 390	487	77 423	3 476 761	47 963	95 739	1 684 998	11 229 329	7 526 163	18 902 375	564 684
Seneca Falls, NY Micropolitan Statistical Area	2	36	11	1 311	53 251	764	1 360	30 444	189 137	119 057	315 027	6 433
Rockford-Freeport-Rochelle, IL Combined Statistical Area	—	921	320	45 161	1 929 944	31 188	64 351	1 168 298	5 411 282	5 335 444	10 741 809	239 657
Freeport, IL Micropolitan Statistical Area	1	65	28	4 858	215 313	3 330	7 719	126 786	515 051	520 590	1 047 178	15 692
Rochelle, IL Micropolitan Statistical Area	—	71	23	4 957	165 005	3 994	8 422	115 432	399 771	539 681	944 564	41 943
Rockford, IL Metropolitan Statistical Area	—	785	269	35 346	1 549 626	23 864	48 210	926 080	4 496 460	4 275 173	8 750 067	182 022
Sacramento-Arden-Arcade-Truckee, CA-NV Combined Statistical Area	1	1 862	436	54 863	2 102 311	33 804	66 006	1 070 110	6 674 057	5 795 061	12 459 287	557 897
Gardnerville Ranchos, NV Micropolitan Statistical Area ...	—	63	11	2 438	116 061	1 214	2 547	40 498	221 833	132 181	349 953	9 240
Sacramento-Arden-Arcade-Roseville, CA Metropolitan Statistical Area	1	1 631	404	50 524	1 904 950	31 364	61 140	989 076	6 196 452	5 486 667	11 709 481	535 580
Truckee-Grass Valley, CA Micropolitan Statistical Area ...	2	168	21	1 901	81 300	1 226	2 319	40 536	255 772	176 213	399 853	13 077
Saginaw-Bay City-Saginaw Township North, MI Combined Statistical Area	—	379	118	22 756	1 302 918	17 558	36 149	946 062	3 281 391	2 830 542	6 139 683	229 275
Bay City, MI Metropolitan Statistical Area	1	138	41	5 119	245 373	4 028	8 226	180 565	512 860	589 460	1 113 549	43 237
Saginaw-Saginaw Township North, MI Metropolitan Statistical Area	—	241	77	17 637	1 057 545	13 530	27 923	765 497	2 768 531	2 241 082	5 026 134	186 038
St. Louis-St. Charles-Farmington, MO-IL Combined Statistical Area	—	3 218	1 048	152 343	7 066 644	109 744	211 357	4 555 298	19 926 731	31 444 785	51 161 318	1 127 313
Farmington, MO Micropolitan Statistical Area	6	57	18	2 466	73 864	1 951	3 730	47 749	168 060	128 846	300 684	37 173
St. Louis, MO-IL Metropolitan Statistical Area	—	3 161	1 030	149 877	6 992 780	107 793	207 627	4 507 549	19 758 671	31 315 939	50 860 634	1 090 140
Salisbury-Ocean Pines, MD Combined Statistical Area	1	163	55	6 062	175 051	4 666	9 263	114 019	527 735	538 676	1 079 951	D
Ocean Pines, MD Micropolitan Statistical Area	—	45	13	1 565	39 986	1 287	2 504	27 678	116 971	171 002	287 415	D
Salisbury, MD Metropolitan Statistical Area	1	118	42	4 497	135 065	3 379	6 759	86 341	410 764	367 674	792 536	37 112
Salt Lake City-Ogden-Clearfield, UT Combined Statistical Area ..	1	2 079	592	80 535	3 068 561	53 635	102 911	1 626 663	9 433 222	9 258 424	18 724 158	571 925
Brigham City, UT Micropolitan Statistical Area	—	60	19	7 807	359 674	4 957	9 363	184 514	974 430	831 063	1 808 989	39 498
Ogden-Clearfield, UT Metropolitan Statistical Area ...	1	517	149	21 850	736 751	16 569	30 901	481 602	2 727 115	3 046 986	5 750 104	178 861
Salt Lake City, UT Metropolitan Statistical Area	1	1 502	424	50 878	1 972 136	32 109	62 647	960 547	5 731 677	5 380 375	11 165 065	353 566
San Jose-San Francisco-Oakland, CA Combined Statistical Area	1	10 105	2 867	391 718	20 274 458	200 885	382 550	7 397 400	61 278 433	54 129 278	116 133 304	4 712 136
Napa, CA Metropolitan Statistical Area	1	381	114	10 910	486 294	5 256	10 473	189 973	1 994 584	1 612 129	3 580 927	159 612
San Francisco-Oakland-Fremont, CA Metropolitan Statistical Area	1	5 112	1 370	163 670	7 777 627	93 690	180 686	3 326 863	26 560 978	27 062 940	53 551 538	1 606 204
Oakland-Fremont-Hayward, CA Metropolitan Division	1	3 032	920	115 367	5 681 202	66 526	128 779	2 495 399	18 600 099	22 571 427	41 147 930	1 162 218
San Francisco-San Mateo-Redwood City, CA Metropolitan Division	3	2 080	450	48 303	2 096 425	27 164	51 907	831 464	7 960 879	4 491 513	12 403 608	443 986
San Jose-Sunnyvale-Santa Clara, CA Metropolitan Statistical Area	1	3 058	989	173 597	10 148 290	74 839	139 348	2 938 997	26 888 846	20 044 131	47 626 699	2 560 104
Santa Cruz-Watsonville, CA Metropolitan Statistical Area ...	2	377	71	6 694	250 300	4 554	8 287	129 718	617 269	426 156	1 053 584	31 289

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		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
San Jose-San Francisco-Oakland, CA Combined Statistical Area—Con.												
Santa Rosa-Petaluma, CA												
Metropolitan Statistical Area ...	1	874	229	26 678	1 183 304	15 357	30 355	559 399	3 437 229	2 394 431	5 973 013	190 348
Vallejo-Fairfield, CA Metropolitan Statistical Area	—	303	94	10 169	428 643	7 189	13 401	252 450	1 779 527	2 589 491	4 347 543	164 579
Santa Fe-Espanola, NM Combined Statistical Area	5	197	17	1 465	43 046	1 071	1 808	25 456	92 775	71 821	165 856	3 712
Espanola, NM Micropolitan Statistical Area	2	31	4	266	6 490	232	402	5 384	21 719	15 004	37 882	624
Santa Fe, NM Metropolitan Statistical Area	7	166	13	1 199	36 556	839	1 406	20 072	71 056	56 817	127 974	3 088
Savannah-Hinesville-Fort Stewart, GA Combined Statistical Area	1	231	79	15 130	719 568	10 935	23 125	469 055	2 503 613	3 795 288	6 203 095	163 178
Hinesville-Fort Stewart, GA Metropolitan Statistical Area ...	—	17	6	724	24 146	409	873	13 488	159 347	213 563	367 897	15 352
Savannah, GA Metropolitan Statistical Area	1	214	73	14 406	695 422	10 526	22 252	455 567	2 344 266	3 581 725	5 835 198	147 826
Seattle-Tacoma-Olympia, WA Combined Statistical Area	—	4 530	1 209	m	D	D	D	D	D	D	D	896 950
Bremerton-Silverdale, WA Metropolitan Statistical Area ...	4	171	19	2 321	74 290	1 442	2 562	35 818	168 239	98 795	267 059	6 885
Oak Harbor, WA Micropolitan Statistical Area	5	50	7	f	D	D	D	D	D	D	D	2 400
Olympia, WA Metropolitan Statistical Area	2	174	32	3 121	115 048	2 455	4 788	83 443	300 144	444 894	742 749	26 409
Seattle-Tacoma-Bellevue, WA Metropolitan Statistical Area ...	—	4 085	1 138	166 817	7 480 574	94 878	191 341	3 689 126	24 511 175	25 609 534	51 570 568	827 607
Seattle-Bellevue-Everett, WA Metropolitan Division	—	3 421	939	147 355	6 769 259	80 280	163 629	3 235 362	22 733 685	23 489 724	47 675 972	719 146
Tacoma, WA Metropolitan Division	1	664	199	19 462	711 315	14 598	27 712	453 764	1 777 490	2 119 810	3 894 596	108 461
Shelton, WA Micropolitan Statistical Area	—	50	13	1 466	53 362	1 196	2 393	38 876	118 047	204 700	326 688	33 649
Shreveport-Bossier City-Minden, LA Combined Statistical Area ..	—	352	109	15 507	632 715	12 107	23 088	467 199	2 654 778	3 772 572	6 423 671	191 823
Minden, LA Micropolitan Statistical Area	—	39	14	2 104	68 799	1 674	3 537	45 016	151 385	316 684	471 487	19 736
Shreveport-Bossier City, LA Metropolitan Statistical Area ...	—	313	95	13 403	563 916	10 433	19 551	422 183	2 503 393	3 455 888	5 952 184	172 087
Sioux City-Vermillion, IA-NE-SD Combined Statistical Area	—	183	84	j	D	D	D	D	D	D	D	D
Sioux City, IA-NE-SD Metropolitan Statistical Area ...	—	171	80	14 546	406 257	11 889	24 346	292 454	3 068 076	4 911 723	7 943 200	89 240
Spartanburg-Gaffney-Union, SC Combined Statistical Area	—	620	243	41 303	1 471 769	31 749	60 989	998 648	5 033 828	7 604 476	12 640 101	471 355
Gaffney, SC Micropolitan Statistical Area	—	64	36	6 806	223 650	5 803	11 313	177 876	1 220 585	1 120 124	2 338 013	42 360
Spartanburg, SC Metropolitan Statistical Area	—	521	188	30 964	1 144 931	23 060	44 104	750 020	3 581 177	6 253 391	9 831 728	412 031
Union, SC Micropolitan Statistical Area	1	35	19	3 533	103 188	2 886	5 572	70 752	232 066	230 961	470 360	16 964
Sunbury-Lewisburg-Selinsgrove, PA Combined Statistical Area ..	—	219	92	14 967	452 118	11 846	23 455	307 321	1 072 294	1 286 737	2 336 400	83 523
Lewisburg, PA Micropolitan Statistical Area	—	33	15	2 988	89 683	2 392	4 654	59 956	274 442	224 876	490 886	12 495
Selinsgrove, PA Micropolitan Statistical Area	1	75	34	5 669	162 828	4 695	9 090	116 545	333 861	344 380	675 655	11 935
Sunbury, PA Micropolitan Statistical Area	—	111	43	6 310	199 607	4 759	9 711	130 820	463 991	717 481	1 169 859	59 093
Syracuse-Auburn, NY Combined Statistical Area	—	780	263	38 159	1 624 243	26 075	52 269	958 447	4 387 779	5 234 489	9 664 957	248 778
Auburn, NY Micropolitan Statistical Area	—	100	29	3 510	134 960	2 606	5 382	88 736	318 755	404 194	750 483	17 117
Syracuse, NY Metropolitan Statistical Area	—	680	234	34 649	1 489 283	23 469	46 887	869 711	4 069 024	4 830 295	8 914 474	231 661
Toledo-Fremont, OH Combined Statistical Area	—	1 127	412	66 665	2 956 869	52 091	104 812	2 188 604	8 221 627	14 690 305	22 879 919	461 191
Fremont, OH Micropolitan Statistical Area	—	119	45	9 691	347 733	8 142	16 697	268 642	1 495 771	1 397 657	2 914 560	51 277
Toledo, OH Metropolitan Statistical Area	—	1 008	367	56 974	2 609 136	43 949	88 115	1 919 962	6 725 856	13 292 648	19 965 359	409 914
Tulsa-Bartlesville, OK Combined Statistical Area	1	1 557	454	55 395	2 035 439	37 648	73 436	1 197 919	5 580 812	7 051 139	12 649 347	314 534
Bartlesville, OK Micropolitan Statistical Area	5	48	8	1 557	54 819	996	2 011	22 345	50 022	99 705	162 194	3 485
Tulsa, OK Metropolitan Statistical Area	1	1 509	446	53 838	1 980 620	36 652	71 425	1 175 574	5 530 790	6 951 434	12 487 153	311 049
Tyler-Jacksonville, TX Combined Statistical Area	1	300	111	14 014	502 552	10 787	21 555	336 463	1 368 861	2 019 141	3 337 978	102 425
Jacksonville, TX Micropolitan Statistical Area	1	82	37	2 911	78 187	2 346	4 702	51 505	198 626	207 070	405 247	16 379
Tyler, TX Metropolitan Statistical Area	1	218	74	11 103	424 365	8 441	16 853	284 958	1 170 235	1 812 071	2 932 731	86 046

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		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
Washington-Baltimore-Northern Virginia, DC-MD-VA-WV Combined Statistical Area	1	4 826	1 329	164 337	7 234 668	100 422	196 717	3 524 327	20 755 786	17 295 811	38 222 265	D
Baltimore-Towson, MD Metropolitan Statistical Area ...	1	2 103	656	82 438	3 692 128	51 841	100 867	1 884 007	11 095 515	9 542 974	20 650 731	1 091 046
Lexington Park, MD Micropolitan Statistical Area	3	31	4	430	11 979	281	532	6 601	24 774	21 058	45 970	D
Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area ...	1	2 553	602	70 848	3 130 998	40 783	80 218	1 384 798	8 246 731	6 370 167	14 780 577	429 781
Bethesda-Frederick-Gaithersburg, MD Metropolitan Division	—	707	159	22 925	1 125 598	10 865	21 145	359 826	3 234 554	2 809 544	6 090 690	170 037
Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division	2	1 846	443	47 923	2 005 400	29 918	59 073	1 024 972	5 012 177	3 560 623	8 689 887	259 744
Winchester, VA-WV Metropolitan Statistical Area	—	139	67	10 621	399 563	7 517	15 100	248 921	1 388 766	1 361 612	2 744 987	91 877
Wausau-Merrill, WI Combined Statistical Area	—	292	120	20 598	729 523	16 013	30 939	508 585	1 916 051	2 252 936	4 181 976	148 330
Merrill, WI Micropolitan Statistical Area	—	59	26	3 458	114 754	2 826	5 588	85 941	346 066	315 579	680 924	47 756
Wausau, WI Metropolitan Statistical Area	1	233	94	17 140	614 769	13 187	25 351	422 644	1 569 985	1 937 357	3 501 052	100 574
Wichita-Winfield, KS Combined Statistical Area	—	795	254	66 636	3 010 793	43 105	88 630	1 605 610	8 185 646	9 020 150	17 631 889	466 535
Wichita, KS Metropolitan Statistical Area	—	743	237	63 292	2 885 897	40 376	83 310	1 512 473	7 897 477	8 247 321	16 564 282	411 922
Winfield, KS Micropolitan Statistical Area	—	52	17	3 344	124 896	2 729	5 320	93 137	288 169	772 829	1 067 607	54 613
Williamsport-Lock Haven, PA Combined Statistical Area	1	251	101	14 209	487 893	10 638	21 427	316 662	1 611 702	1 634 414	3 282 940	89 343
Lock Haven, PA Micropolitan Statistical Area	—	45	16	2 217	74 316	1 606	3 212	52 965	304 970	318 315	633 511	26 640
Williamsport, PA Metropolitan Statistical Area	1	206	85	11 992	413 577	9 032	18 215	263 697	1 306 732	1 316 099	2 649 429	62 703
York-Hanover-Gettysburg, PA Combined Statistical Area	1	784	346	49 539	1 819 522	35 863	71 785	1 135 888	5 437 683	4 375 913	9 772 471	440 104
Gettysburg, PA Micropolitan Statistical Area	3	127	53	6 953	216 536	5 424	10 385	150 489	844 564	642 867	1 494 802	62 050
York-Hanover, PA Metropolitan Statistical Area	1	657	293	42 586	1 602 986	30 439	61 400	985 399	4 593 119	3 733 046	8 277 669	378 054
Youngstown-Warren-East Liverpool, OH-PA Combined Statistical Area	—	1 079	360	50 873	2 209 346	38 799	77 839	1 550 120	5 883 292	8 807 906	14 688 084	265 818
East Liverpool-Salem, OH Micropolitan Statistical Area ...	1	210	66	7 106	232 568	5 583	11 582	161 456	520 557	618 425	1 136 529	47 648
Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area	—	869	294	43 767	1 976 778	33 216	66 257	1 388 664	5 362 735	8 189 481	13 551 555	218 170
Aberdeen, SD Micropolitan Statistical Area	—	34	13	1 910	62 129	1 490	2 703	42 352	223 408	215 956	457 585	18 496
Aberdeen, WA Micropolitan Statistical Area	—	94	24	3 078	124 958	2 586	5 053	94 201	326 410	458 292	781 846	15 706
Abilene, TX Metropolitan Statistical Area	1	140	29	3 116	93 511	2 274	4 692	59 304	286 626	334 576	619 550	20 981
Ada, OK Micropolitan Statistical Area	1	55	13	1 455	38 153	967	1 935	18 378	178 117	106 559	283 131	5 186
Adrian, MI Micropolitan Statistical Area	—	170	64	8 044	320 334	5 954	11 721	209 024	980 385	999 238	1 982 032	62 371
Alamogordo, NM Micropolitan Statistical Area	1	26	2	308	8 099	276	530	6 641	22 954	18 765	43 555	221
Albany, GA Metropolitan Statistical Area	1	104	36	8 233	351 575	6 570	13 271	258 603	2 739 009	1 837 442	4 614 949	213 372
Albert Lea, MN Micropolitan Statistical Area	2	62	24	2 968	97 969	2 280	4 348	68 797	250 333	296 336	538 030	12 552
Albertville, AL Micropolitan Statistical Area	1	134	55	11 446	298 336	9 628	19 119	216 583	816 576	1 299 635	2 112 403	43 212
Albuquerque, NM Metropolitan Statistical Area	—	782	165	21 434	866 580	15 344	29 874	538 297	4 370 837	1 851 006	6 135 198	232 754
Alexandria, LA Metropolitan Statistical Area	—	85	29	3 442	122 464	2 701	5 411	87 559	846 021	642 850	1 498 616	80 901
Alexandria, MN Micropolitan Statistical Area	1	89	23	2 636	88 575	2 050	4 055	60 948	316 927	185 562	504 629	19 541
Allentown-Bethlehem-Easton, PA-NJ Metropolitan Statistical Area ..	1	1 028	374	45 391	1 909 032	30 099	58 551	1 020 017	6 600 035	4 752 576	11 334 254	373 534
Alma, MI Micropolitan Statistical Area	—	60	20	2 626	91 183	2 074	3 788	57 156	211 775	200 311	411 162	14 422
Alpena, MI Micropolitan Statistical Area	4	52	17	1 893	79 227	1 312	2 560	47 606	224 722	168 523	398 731	9 086
Altoona, PA Metropolitan Statistical Area	1	153	61	7 649	257 682	5 894	11 582	172 714	816 174	730 493	1 557 695	37 458
Altus, OK Micropolitan Statistical Area	—	16	4	872	24 702	740	1 624	18 960	83 062	134 266	217 601	D

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Amarillo, TX Metropolitan Statistical Area	—	201	42	7 759	235 286	6 347	13 815	173 980	617 945	2 211 167	2 839 935	65 333
Americus, GA Micropolitan Statistical Area	—	43	21	2 998	83 972	2 400	5 032	56 045	395 095	273 332	668 766	9 602
Anchorage, AK Metropolitan Statistical Area	3	245	32	2 505	91 254	1 846	3 612	57 285	224 887	198 150	424 221	19 631
Andrews, TX Micropolitan Statistical Area	—	7	2	e	D	D	D	D	D	D	D	D
Angola, IN Micropolitan Statistical Area	1	101	58	5 349	183 147	4 236	8 512	126 764	505 865	508 319	1 018 682	23 307
Anniston-Oxford, AL Metropolitan Statistical Area	—	150	61	9 368	286 756	7 210	14 253	188 782	995 122	1 029 271	2 020 839	47 943
Ardmore, OK Micropolitan Statistical Area	6	51	14	3 409	151 090	2 890	5 388	120 590	447 648	1 070 242	1 481 696	25 199
Arkadelphia, AR Micropolitan Statistical Area	—	30	12	2 362	69 820	2 048	4 181	51 900	135 037	243 457	386 224	11 467
Ashland, OH Micropolitan Statistical Area	—	96	42	5 322	193 204	3 910	7 966	124 058	611 651	457 634	1 066 851	22 351
Astoria, OR Micropolitan Statistical Area	—	48	12	840	24 355	659	1 210	16 789	62 620	102 787	166 400	1 833
Athens, OH Micropolitan Statistical Area	—	37	4	f	D	D	D	D	D	D	D	D
Athens-Clarke County, GA Metropolitan Statistical Area	—	161	50	8 424	268 967	6 733	13 420	187 703	734 492	823 777	1 563 137	51 386
Atlantic City, NJ Metropolitan Statistical Area	2	155	40	4 551	150 542	3 546	7 042	102 489	381 713	268 761	653 448	13 696
Augusta-Richmond County, GA-SC Metropolitan Statistical Area	—	370	144	37 423	1 720 088	23 811	48 381	877 812	5 456 347	4 974 160	10 517 225	352 714
Augusta-Waterville, ME Micropolitan Statistical Area	1	127	26	3 180	101 015	2 497	4 952	72 819	271 535	287 502	596 263	18 503
Austin, MN Micropolitan Statistical Area	—	36	12	4 347	176 193	3 109	6 279	90 873	733 771	704 525	1 447 000	10 877
Austin-Round Rock, TX Metropolitan Statistical Area	—	1 192	310	49 514	2 282 766	30 016	61 346	1 115 154	12 452 164	11 979 431	24 467 280	539 354
Bainbridge, GA Micropolitan Statistical Area	1	24	10	2 068	65 928	1 613	3 437	44 020	220 956	352 622	569 124	11 200
Bakersfield, CA Metropolitan Statistical Area	1	398	98	10 968	360 294	7 653	15 310	213 361	1 656 177	2 068 250	3 752 122	165 680
Bangor, ME Metropolitan Statistical Area	2	173	47	6 082	250 147	4 590	9 169	174 945	416 544	770 666	1 193 630	57 042
Barnstable Town, MA Metropolitan Statistical Area	3	221	28	2 478	100 479	1 435	2 739	42 164	262 445	146 352	411 126	16 219
Barre, VT Micropolitan Statistical Area	2	149	34	3 150	110 108	2 315	4 535	66 263	571 364	414 785	978 182	17 607
Batesville, AR Micropolitan Statistical Area	—	53	17	4 751	135 878	3 994	8 520	98 882	454 001	506 881	959 341	32 441
Battle Creek, MI Metropolitan Statistical Area	—	202	84	13 970	576 027	10 526	21 564	391 087	2 202 344	1 856 185	4 047 350	212 284
Beatrice, NE Micropolitan Statistical Area	—	41	17	1 991	58 132	1 527	2 876	38 850	177 462	250 034	428 484	6 578
Beaumont-Port Arthur, TX Metropolitan Statistical Area	—	353	122	18 912	1 040 400	13 510	27 932	694 007	5 390 264	18 893 176	24 092 778	557 013
Bedford, IN Micropolitan Statistical Area	—	68	26	4 210	189 411	3 483	6 884	146 405	435 850	531 411	963 475	37 763
Bellefontaine, OH Micropolitan Statistical Area	—	55	21	6 188	297 801	4 767	9 110	214 894	1 760 650	2 458 999	4 212 406	64 048
Bellingham, WA Metropolitan Statistical Area	—	314	90	8 365	322 761	5 957	11 413	190 947	1 751 804	3 476 669	5 211 960	164 696
Bemidji, MN Micropolitan Statistical Area	1	47	9	1 470	44 999	1 207	2 280	33 400	98 631	132 889	231 022	D
Bennettsville, SC Micropolitan Statistical Area	—	31	19	3 532	102 745	2 919	6 232	72 815	421 550	397 130	822 853	33 815
Bennington, VT Micropolitan Statistical Area	3	82	26	2 654	101 918	1 961	4 181	64 960	233 551	263 222	500 861	10 545
Berlin, NH-VT Micropolitan Statistical Area	1	55	16	2 183	67 078	1 814	3 535	51 275	146 594	190 528	355 965	12 878
Big Rapids, MI Micropolitan Statistical Area	—	34	15	1 770	53 749	1 490	2 897	40 659	195 274	224 238	418 818	11 652
Big Spring, TX Micropolitan Statistical Area	—	26	8	960	38 155	668	1 369	26 421	144 446	693 075	837 653	24 487
Billings, MT Metropolitan Statistical Area	—	190	29	3 350	130 828	2 232	4 351	77 552	424 358	1 696 735	2 138 040	46 545
Binghamton, NY Metropolitan Statistical Area	—	266	102	18 784	768 385	9 990	19 424	305 627	1 722 640	1 617 330	3 384 054	102 868

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Bismarck, ND Metropolitan Statistical Area	3	99	21	2 508	98 930	1 934	3 473	67 363	400 231	1 159 407	1 615 467	29 921
Blacksburg-Christiansburg-Radford, VA Metropolitan Statistical Area	—	148	67	13 090	468 037	10 279	21 096	317 619	1 276 446	1 560 300	2 816 123	110 618
Bloomington, IN Metropolitan Statistical Area	—	178	48	8 907	322 728	6 675	12 582	205 452	760 013	789 651	1 544 983	108 220
Bloomington-Normal, IL Metropolitan Statistical Area	—	113	36	6 574	321 553	5 284	10 159	246 537	1 039 530	2 964 504	4 005 339	234 046
Bloomsburg-Berwick, PA Micropolitan Statistical Area	—	124	42	9 903	331 184	7 344	13 845	203 621	1 711 870	925 302	2 650 854	116 344
Bluefield, WV-VA Micropolitan Statistical Area	1	123	39	3 185	109 586	2 170	4 281	57 403	232 336	298 398	510 838	14 287
Blytheville, AR Micropolitan Statistical Area	—	47	23	5 047	214 185	4 077	8 671	167 582	999 131	1 367 552	2 363 552	51 516
Boise City-Nampa, ID Metropolitan Statistical Area	1	637	169	30 399	1 160 157	21 924	41 441	702 257	4 224 083	3 667 595	7 938 238	981 562
Boone, NC Micropolitan Statistical Area	2	56	11	1 066	26 521	885	1 632	18 789	75 787	42 418	116 019	2 687
Borger, TX Micropolitan Statistical Area	—	19	12	2 002	108 339	1 346	3 008	75 983	413 605	1 886 074	2 296 605	72 620
Bowling Green, KY Metropolitan Statistical Area	—	110	48	8 460	316 633	6 485	13 031	210 973	1 820 975	1 607 372	3 421 016	107 453
Bozeman, MT Micropolitan Statistical Area	2	165	38	2 353	69 358	1 672	3 015	42 832	183 790	185 036	366 781	11 845
Bradford, PA Micropolitan Statistical Area	—	71	27	4 629	164 845	3 438	7 291	114 817	472 514	707 514	1 174 516	26 545
Brainerd, MN Micropolitan Statistical Area	1	151	34	2 636	86 362	2 001	3 799	56 066	226 316	168 789	395 907	17 639
Branson, MO Micropolitan Statistical Area	3	79	9	758	20 742	550	851	11 620	47 223	40 730	87 983	1 926
Brenham, TX Micropolitan Statistical Area	1	56	25	3 112	101 090	2 458	5 076	73 651	354 485	288 502	647 103	13 592
Brookhaven, MS Micropolitan Statistical Area	—	27	9	1 209	40 357	1 063	1 969	32 002	130 685	146 208	273 255	6 917
Brookings, OR Micropolitan Statistical Area	—	29	3	640	25 349	550	1 244	19 519	42 566	88 157	132 182	D
Brookings, SD Micropolitan Statistical Area	—	33	19	4 473	132 764	3 196	5 768	84 260	724 224	590 368	1 319 201	39 964
Brownsville, TN Micropolitan Statistical Area	—	22	10	1 979	62 208	1 616	3 364	42 342	108 920	201 252	304 855	8 840
Brownwood, TX Micropolitan Statistical Area	—	38	10	2 768	96 675	2 260	4 286	71 693	497 755	284 506	796 208	11 245
Brunswick, GA Metropolitan Statistical Area	—	90	18	3 278	141 824	2 278	4 261	92 294	421 300	558 098	968 682	37 629
Buffalo-Cheektowaga-Tonawanda, NY Metropolitan Statistical Area ..	1	1 437	509	70 972	3 084 481	50 588	97 397	1 978 522	8 553 575	8 064 111	16 614 970	670 338
Burley, ID Micropolitan Statistical Area	1	56	15	2 822	83 351	2 401	4 765	68 832	309 773	412 845	721 220	39 340
Burlington, IA-IL Micropolitan Statistical Area	—	68	26	5 751	216 397	4 115	8 404	155 809	542 814	589 037	1 157 876	25 316
Burlington, NC Metropolitan Statistical Area	1	254	133	17 381	539 437	13 665	27 048	358 309	1 717 939	1 704 681	3 424 705	96 796
Burlington-South Burlington, VT Metropolitan Statistical Area	—	283	87	20 785	957 532	11 033	22 834	420 030	2 847 647	2 556 821	5 603 689	338 975
Butte-Silver Bow, MT Micropolitan Statistical Area	1	36	4	389	15 382	301	628	11 439	49 570	41 850	95 180	D
Cadillac, MI Micropolitan Statistical Area	1	85	30	4 421	148 431	3 418	6 845	95 174	417 585	413 921	833 227	23 833
Calhoun, GA Micropolitan Statistical Area	2	109	59	8 346	255 693	6 687	13 943	173 506	932 129	2 537 212	3 823 821	38 612
Cambridge, MD Micropolitan Statistical Area	—	55	23	2 696	76 998	1 865	3 907	43 008	278 869	418 100	697 513	10 670
Cambridge, OH Micropolitan Statistical Area	—	63	27	3 257	110 904	2 646	5 153	82 562	417 436	553 103	972 300	28 525
Camden, AR Micropolitan Statistical Area	1	42	13	2 210	76 764	1 804	3 468	57 819	223 241	282 910	481 509	15 259
Campbellsville, KY Micropolitan Statistical Area	—	43	11	1 862	47 855	1 552	2 684	31 081	109 353	131 394	240 799	5 007
Canon City, CO Micropolitan Statistical Area	1	48	4	627	26 110	424	850	16 382	67 345	85 518	153 300	D
Canton-Massillon, OH Metropolitan Statistical Area	—	645	234	36 102	1 389 583	27 225	54 254	944 055	4 249 336	4 501 060	8 664 803	263 424
Cape Coral-Fort Myers, FL Metropolitan Statistical Area	2	403	72	6 726	198 273	4 963	9 681	124 646	582 985	403 185	986 100	29 088

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Carbondale, IL Micropolitan Statistical Area	2	35	7	839	26 089	690	1 288	19 587	75 255	82 530	156 389	2 979
Carlsbad-Artesia, NM Micropolitan Statistical Area	—	34	5	985	46 459	619	1 259	23 912	554 927	430 366	980 533	12 827
Carson City, NV Metropolitan Statistical Area	2	163	42	3 654	136 817	2 426	4 896	72 624	360 680	215 363	560 697	19 593
Casper, WY Metropolitan Statistical Area	—	95	27	1 767	55 687	1 408	2 677	38 541	149 240	334 983	473 858	6 531
Cedar City, UT Micropolitan Statistical Area	—	50	11	1 382	44 754	959	1 950	27 076	199 853	166 168	358 909	19 212
Cedar Rapids, IA Metropolitan Statistical Area	—	294	100	19 486	960 448	9 520	18 977	399 712	3 100 020	2 403 011	5 829 417	186 874
Celina, OH Micropolitan Statistical Area	2	69	26	3 250	112 743	2 671	5 328	81 949	337 868	286 617	622 622	31 970
Central City, KY Micropolitan Statistical Area	—	32	12	1 104	27 212	977	1 789	21 497	90 992	61 925	153 823	D
Centralia, IL Micropolitan Statistical Area	—	57	22	3 914	119 427	3 254	6 788	82 983	443 355	282 092	736 855	15 115
Centralia, WA Micropolitan Statistical Area	1	119	29	2 810	105 469	2 314	4 920	82 010	288 770	423 059	706 647	33 321
Chambersburg, PA Micropolitan Statistical Area	—	207	63	9 620	335 030	6 518	12 178	179 476	947 304	1 190 848	2 165 228	44 505
Champaign-Urbana, IL Metropolitan Statistical Area	—	187	67	10 612	348 620	8 071	14 340	236 227	1 609 485	1 696 904	3 314 660	101 649
Charleston, WV Metropolitan Statistical Area	—	198	55	7 798	355 677	5 631	11 584	241 894	1 324 697	2 562 890	3 863 109	128 480
Charleston-Mattoon, IL Micropolitan Statistical Area	—	66	22	4 375	153 034	3 774	7 411	124 177	603 188	448 784	1 055 350	42 078
Charleston-North Charleston, SC Metropolitan Statistical Area	—	451	137	19 939	806 650	14 028	28 701	493 689	3 036 852	3 736 223	6 769 391	179 219
Charlottesville, VA Metropolitan Statistical Area	1	165	37	6 541	288 002	3 455	7 138	105 017	782 132	499 996	1 292 730	32 674
Cheyenne, WY Metropolitan Statistical Area	1	53	20	1 660	64 284	1 168	2 314	38 264	189 548	629 327	819 515	32 260
Chico, CA Metropolitan Statistical Area	3	235	53	4 427	140 548	3 153	6 286	86 193	425 336	382 362	800 607	90 281
City of The Dalles, OR Micropolitan Statistical Area	—	26	5	396	18 820	314	595	13 751	1 776	108 827	129 075	2 805
Clarksdale, MS Micropolitan Statistical Area	—	21	12	g	D	D	D	D	D	D	D	D
Clarksville, TN-KY Metropolitan Statistical Area	1	178	70	13 651	446 961	10 911	22 425	318 882	1 575 997	1 491 754	3 055 381	124 599
Clearlake, CA Micropolitan Statistical Area	4	43	8	449	14 434	293	561	7 671	27 491	29 364	61 886	2 424
Cleveland, MS Micropolitan Statistical Area	2	24	10	2 116	59 216	1 648	3 109	35 886	152 207	146 856	300 884	8 201
Clewiston, FL Micropolitan Statistical Area	—	15	4	756	30 841	641	1 476	24 469	98 182	206 047	338 955	13 369
Clinton, IA Micropolitan Statistical Area	1	57	26	4 492	171 199	3 598	7 541	124 153	1 355 105	1 114 079	2 454 703	40 343
Coeur d'Alene, ID Metropolitan Statistical Area	1	218	48	4 050	134 751	3 160	6 309	95 239	274 972	424 947	696 580	13 362
Coffeyville, KS Micropolitan Statistical Area	—	53	24	4 188	148 044	3 289	6 534	100 055	426 254	1 187 286	1 591 414	29 721
Coldwater, MI Micropolitan Statistical Area	—	94	43	3 977	134 810	2 976	5 665	88 744	347 710	413 086	758 816	45 051
College Station-Bryan, TX Metropolitan Statistical Area	2	139	45	5 520	155 633	4 251	8 137	95 805	366 479	354 581	720 817	17 167
Colorado Springs, CO Metropolitan Statistical Area	—	524	117	19 316	806 090	11 816	24 262	402 377	2 610 085	1 205 225	3 780 907	451 371
Columbia, MO Metropolitan Statistical Area	—	106	29	5 481	193 410	4 266	8 367	130 314	754 811	739 319	1 498 699	49 359
Columbus, MS Micropolitan Statistical Area	1	72	30	5 510	189 340	3 899	7 732	115 098	501 549	667 822	1 190 432	20 532
Columbus, NE Micropolitan Statistical Area	2	74	26	5 542	181 583	4 234	8 745	119 088	756 911	746 313	1 506 649	56 202
Connersville, IN Micropolitan Statistical Area	—	32	13	3 708	160 234	2 858	5 557	108 541	55 957	459 293	517 977	26 733
Cookeville, TN Micropolitan Statistical Area	1	157	54	9 633	253 095	7 687	14 585	173 116	870 912	727 867	1 596 419	26 215
Coos Bay, OR Micropolitan Statistical Area	1	76	13	1 534	51 671	1 268	2 604	40 798	116 405	234 521	350 160	5 090
Cordele, GA Micropolitan Statistical Area	1	26	14	2 235	56 467	1 837	3 595	39 686	145 019	172 067	317 675	9 553

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Corinth, MS Micropolitan Statistical Area	—	52	17	3 981	135 037	3 410	6 711	103 025	281 516	420 626	694 837	80 673
Cornelia, GA Micropolitan Statistical Area	1	67	20	4 294	115 146	3 606	7 244	84 277	270 093	403 015	671 475	13 673
Corning, NY Micropolitan Statistical Area	—	84	26	6 517	254 892	4 488	8 850	141 074	722 527	505 534	1 273 225	41 039
Corsicana, TX Micropolitan Statistical Area	1	55	24	3 123	83 129	2 465	4 687	56 596	283 768	208 078	489 085	26 552
Coshocton, OH Micropolitan Statistical Area	—	54	23	3 818	147 059	2 862	5 657	98 206	400 451	552 080	942 292	17 440
Crossville, TN Micropolitan Statistical Area	—	55	16	2 094	64 424	1 686	3 239	45 786	211 788	295 403	514 952	15 373
Cumberland, MD-WV Metropolitan Statistical Area	—	76	22	4 694	183 802	3 445	6 989	120 123	590 827	465 825	1 061 104	24 965
Dalton, GA Metropolitan Statistical Area	3	448	170	27 860	820 337	23 615	50 197	619 072	2 864 437	4 800 164	7 847 376	85 616
Danville, IL Metropolitan Statistical Area	2	108	39	5 899	228 975	4 376	8 814	144 475	587 220	1 159 676	1 748 955	38 464
Danville, KY Micropolitan Statistical Area	—	44	25	6 279	200 265	4 970	8 821	132 884	558 356	581 818	1 114 971	38 948
Danville, VA Metropolitan Statistical Area	—	103	41	12 166	384 431	9 984	20 843	276 754	894 381	1 184 350	2 063 300	52 921
Davenport-Moline-Rock Island, IA-IL Metropolitan Statistical Area ...	—	436	156	24 671	965 683	17 893	35 778	623 952	3 766 353	3 881 457	7 604 788	193 973
Decatur, IL Metropolitan Statistical Area	—	126	39	8 826	409 924	6 287	12 983	272 293	1 760 168	2 731 498	4 551 972	144 881
Defiance, OH Micropolitan Statistical Area	1	54	24	5 764	318 036	4 875	9 651	262 825	615 677	480 757	1 103 338	154 996
Del Rio, TX Micropolitan Statistical Area	8	25	6	347	11 587	239	479	6 587	27 587	31 053	58 519	1 147
Deming, NM Micropolitan Statistical Area	—	16	4	419	15 053	353	797	10 013	37 999	18 912	56 756	1 571
Dickinson, ND Micropolitan Statistical Area	1	35	5	928	26 218	556	1 099	14 984	55 950	45 348	101 399	5 578
Dillon, SC Micropolitan Statistical Area	—	27	9	2 405	63 020	1 724	3 582	44 749	129 151	195 059	324 716	8 154
Dixon, IL Micropolitan Statistical Area	—	37	24	4 056	128 857	3 058	6 131	85 017	425 582	393 118	812 925	23 022
Dodge City, KS Micropolitan Statistical Area	—	30	13	5 521	157 164	4 965	11 345	131 980	452 993	2 629 758	3 078 933	33 736
Douglas, GA Micropolitan Statistical Area	1	57	26	5 658	143 535	4 857	9 591	109 865	356 424	531 087	876 141	27 750
Dover, DE Metropolitan Statistical Area	—	76	25	5 789	208 562	4 445	8 449	147 236	1 262 907	702 509	1 970 783	76 375
Dublin, GA Micropolitan Statistical Area	3	57	22	4 342	136 870	3 571	6 986	100 435	509 792	485 049	1 052 305	31 508
DuBois, PA Micropolitan Statistical Area	1	110	39	3 498	103 219	2 684	5 191	69 670	223 518	397 671	626 893	10 251
Dubuque, IA Metropolitan Statistical Area	—	144	61	8 872	331 840	5 933	11 380	201 997	1 222 906	1 272 984	2 493 771	56 868
Duluth, MN-WI Metropolitan Statistical Area	1	329	79	8 270	306 650	5 737	11 296	188 339	870 311	1 128 414	1 964 328	483 054
Dumas, TX Micropolitan Statistical Area	—	17	4	h	D	D	D	D	D	D	D	21 673
Duncan, OK Micropolitan Statistical Area	2	53	11	1 814	66 401	1 254	2 283	34 029	121 065	210 299	338 334	7 939
Durango, CO Micropolitan Statistical Area	2	73	7	654	19 706	375	730	9 584	49 001	31 999	80 618	D
Durant, OK Micropolitan Statistical Area	4	43	10	1 404	36 657	1 094	2 318	22 934	89 847	138 775	228 073	8 073
Dyersburg, TN Micropolitan Statistical Area	—	42	20	5 111	176 483	4 060	8 633	125 777	615 351	524 593	1 136 232	75 426
Easton, MD Micropolitan Statistical Area	—	51	14	2 696	76 350	2 151	4 385	50 113	468 498	412 688	883 059	14 064
East Stroudsburg, PA Micropolitan Statistical Area	—	122	32	5 111	233 536	3 010	5 732	103 319	948 369	553 584	1 473 414	64 514
Edwards, CO Micropolitan Statistical Area	2	55	3	415	14 239	308	574	9 673	35 756	33 486	69 379	D
Effingham, IL Micropolitan Statistical Area	—	68	28	4 777	154 091	3 851	7 573	104 595	564 109	430 435	992 022	54 214
El Campo, TX Micropolitan Statistical Area	1	52	16	1 868	51 845	1 608	3 369	38 471	169 787	182 161	353 185	4 706
El Centro, CA Metropolitan Statistical Area	—	60	20	1 811	61 254	1 365	2 858	39 609	219 088	211 120	395 955	17 643

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
El Dorado, AR Micropolitan Statistical Area	—	62	30	5 633	191 927	4 368	8 601	131 386	803 923	1 556 078	2 342 660	41 208
Elizabeth City, NC Micropolitan Statistical Area	1	41	11	770	24 532	572	1 224	14 017	68 620	71 758	135 287	4 612
Elkhart-Goshen, IN Metropolitan Statistical Area	1	906	472	58 176	1 972 674	45 835	89 813	1 367 537	4 607 324	6 429 537	11 048 863	200 169
Ellensburg, WA Micropolitan Statistical Area	—	31	5	662	18 779	569	869	13 162	51 881	35 004	87 414	2 275
Elmira, NY Metropolitan Statistical Area	—	94	39	6 648	255 552	4 623	9 073	150 274	601 441	531 244	1 142 119	51 092
El Paso, TX Metropolitan Statistical Area	1	643	190	27 796	749 987	21 763	40 279	494 717	3 165 254	5 083 934	8 216 226	204 631
Emporia, KS Micropolitan Statistical Area	—	43	15	5 811	166 928	4 004	8 394	102 773	536 283	1 279 065	1 822 318	33 000
Enid, OK Micropolitan Statistical Area	1	63	15	1 228	39 379	913	1 717	26 165	140 901	279 386	423 077	12 155
Erie, PA Metropolitan Statistical Area	—	584	217	27 960	1 097 658	20 414	40 361	683 492	2 873 649	2 567 439	5 550 992	139 403
Escanaba, MI Micropolitan Statistical Area	—	63	21	2 740	132 649	2 023	4 090	90 824	409 537	339 002	740 715	35 172
Eugene-Springfield, OR Metropolitan Statistical Area	1	612	160	19 296	720 717	13 832	27 000	442 383	2 393 189	2 361 840	4 751 919	163 328
Eureka-Arcata-Fortuna, CA Micropolitan Statistical Area	1	166	35	3 636	121 018	2 955	5 808	89 486	266 054	443 360	761 336	22 983
Evansville, IN-KY Metropolitan Statistical Area	—	512	195	35 118	1 524 287	27 163	54 539	1 083 194	5 729 918	8 402 380	14 015 025	1 136 288
Fairbanks, AK Metropolitan Statistical Area	—	58	4	e	D	D	D	D	D	D	D	D
Fairmont, MN Micropolitan Statistical Area	—	45	13	1 792	57 303	1 238	2 234	32 933	146 564	117 222	270 854	D
Fallon, NV Micropolitan Statistical Area	—	12	2	428	14 628	294	409	9 007	25 456	38 825	66 207	1 517
Farmington, NM Metropolitan Statistical Area	1	76	12	1 153	35 550	905	1 806	23 418	92 681	151 149	241 039	3 268
Fayetteville, NC Metropolitan Statistical Area	1	129	52	13 915	463 114	10 647	21 129	312 122	1 840 779	1 544 348	3 387 798	102 337
Fayetteville-Springdale-Rogers, AR-MO Metropolitan Statistical Area	1	433	138	30 924	884 064	25 329	50 198	638 276	3 322 005	2 725 238	6 066 984	145 548
Fergus Falls, MN Micropolitan Statistical Area	—	86	27	3 572	102 730	2 805	5 337	69 239	312 419	286 866	603 187	27 851
Fitzgerald, GA Micropolitan Statistical Area	3	35	25	3 611	104 168	2 984	5 905	77 845	215 206	398 253	615 428	10 803
Flagstaff, AZ Metropolitan Statistical Area	3	100	19	3 596	155 821	2 193	3 697	73 468	597 513	146 965	731 387	18 351
Florence, AL Metropolitan Statistical Area	1	213	68	7 700	273 772	5 656	10 980	187 973	730 964	1 187 486	1 835 677	57 052
Florence, SC Metropolitan Statistical Area	—	193	85	17 678	635 585	13 651	27 403	439 455	2 101 692	3 409 454	5 529 289	141 835
Forest City, NC Micropolitan Statistical Area	—	87	36	7 350	208 848	5 964	11 646	149 007	568 596	561 201	1 126 391	45 591
Forrest City, AR Micropolitan Statistical Area	—	23	7	4 119	106 531	3 411	6 527	74 797	172 978	530 997	721 560	9 006
Fort Collins-Loveland, CO Metropolitan Statistical Area	—	390	81	12 362	555 485	6 835	13 287	246 092	1 559 876	1 210 363	2 776 316	272 344
Fort Dodge, IA Micropolitan Statistical Area	—	52	14	2 154	79 941	1 375	3 086	48 264	613 126	436 587	1 034 648	40 811
Fort Morgan, CO Micropolitan Statistical Area	—	27	5	h	D	D	D	D	D	D	D	D
Fort Smith, AR-OK Metropolitan Statistical Area	—	350	119	27 540	806 958	22 987	44 975	610 877	3 072 038	3 296 747	6 394 911	136 782
Fort Walton Beach-Crestview-Destin, FL Metropolitan Statistical Area	3	125	19	2 338	86 251	1 505	3 101	41 414	203 117	110 221	313 588	8 951
Gadsden, AL Metropolitan Statistical Area	3	138	44	6 504	206 961	5 493	10 374	164 632	440 326	607 546	1 043 119	15 700
Gainesville, FL Metropolitan Statistical Area	1	161	36	4 025	138 151	2 963	5 753	84 123	410 034	455 710	865 796	25 423
Galesburg, IL Micropolitan Statistical Area	—	70	25	5 671	183 572	4 697	9 027	133 660	385 681	859 517	1 247 396	17 659
Gallup, NM Micropolitan Statistical Area	—	36	10	656	22 644	410	730	14 131	70 981	319 905	389 821	6 528
Garden City, KS Micropolitan Statistical Area	—	32	8	3 627	93 496	3 160	7 206	77 424	269 342	1 326 777	1 588 466	8 032
Gillette, WY Micropolitan Statistical Area	2	33	7	578	20 818	370	666	11 841	50 445	86 952	136 858	8 835

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Glasgow, KY Micropolitan Statistical Area	—	69	29	5 892	197 089	4 825	9 656	147 826	561 354	620 720	1 177 752	92 839
Goldsboro, NC Metropolitan Statistical Area	—	93	36	8 764	269 104	7 221	16 234	194 713	877 472	649 817	1 522 542	57 645
Grand Forks, ND-MN Metropolitan Statistical Area	1	93	28	3 288	96 407	2 641	4 898	68 722	393 448	399 812	817 182	22 311
Grand Island, NE Micropolitan Statistical Area	—	101	29	6 070	187 111	5 056	11 222	137 703	501 810	1 639 063	2 189 366	50 379
Grand Junction, CO Metropolitan Statistical Area	1	161	28	2 922	93 185	2 052	4 235	53 333	225 575	163 877	394 216	18 393
Grants, NM Micropolitan Statistical Area	—	11	3	466	13 532	345	573	8 381	31 346	22 778	54 096	1 182
Grants Pass, OR Micropolitan Statistical Area	1	133	25	2 831	84 405	2 115	4 330	51 166	199 997	191 375	393 759	22 362
Great Bend, KS Micropolitan Statistical Area	—	49	12	1 627	47 416	1 160	2 289	28 638	98 700	212 278	316 449	10 922
Great Falls, MT Metropolitan Statistical Area	—	76	12	808	28 112	598	1 129	18 881	84 296	182 156	264 453	6 159
Greeley, CO Metropolitan Statistical Area	—	231	63	9 540	345 981	7 505	14 832	230 313	1 289 514	2 513 715	3 792 185	65 789
Green Bay, WI Metropolitan Statistical Area	—	556	225	29 645	1 138 767	22 545	44 308	772 245	4 364 454	4 001 169	8 280 993	232 003
Greeneville, TN Micropolitan Statistical Area	—	107	45	7 195	210 802	5 711	11 666	140 208	562 812	835 054	1 436 062	62 609
Greensburg, IN Micropolitan Statistical Area	—	54	18	5 796	195 312	4 554	9 639	136 064	709 465	681 895	1 388 098	26 226
Greenville, MS Micropolitan Statistical Area	—	55	18	2 672	90 604	2 090	4 357	61 464	343 992	313 687	659 947	18 724
Greenville, NC Metropolitan Statistical Area	1	120	49	8 227	309 327	6 093	12 694	180 496	804 788	800 699	1 612 866	72 081
Greenwood, MS Micropolitan Statistical Area	1	41	15	2 661	58 271	2 248	4 312	42 050	229 508	280 890	508 955	12 653
Greenwood, SC Micropolitan Statistical Area	—	85	34	9 246	331 076	7 424	15 747	254 724	998 856	1 366 337	2 349 279	133 570
Grenada, MS Micropolitan Statistical Area	—	26	12	3 022	76 594	2 506	4 462	55 552	147 201	247 694	401 163	10 919
Guymon, OK Micropolitan Statistical Area	—	9	3	g	D	D	D	D	D	D	D	D
Hagerstown-Martinsburg, MD-WV Metropolitan Statistical Area	1	199	81	12 696	460 707	10 161	19 605	339 189	1 575 070	1 590 862	3 193 178	154 359
Hammond, LA Micropolitan Statistical Area	1	81	25	3 032	89 609	2 353	4 911	54 827	264 994	417 961	671 331	15 707
Hanford-Corcoran, CA Metropolitan Statistical Area	1	79	31	3 857	122 962	3 312	7 001	96 805	689 495	595 002	1 269 196	27 258
Hannibal, MO Micropolitan Statistical Area	—	56	23	3 320	112 162	2 550	4 740	75 709	747 676	326 103	1 076 395	71 472
Harrisburg, IL Micropolitan Statistical Area	4	28	6	e	D	D	D	D	D	D	D	638
Harrison, AR Micropolitan Statistical Area	1	77	17	2 463	73 676	2 060	4 137	51 513	182 491	227 061	410 857	4 776
Harrisonburg, VA Metropolitan Statistical Area	—	137	48	13 573	422 624	10 776	21 144	292 541	3 048 848	2 403 308	5 517 441	214 971
Hastings, NE Micropolitan Statistical Area	1	66	23	3 337	100 778	2 578	5 324	70 704	349 662	672 926	1 016 456	19 642
Hattiesburg, MS Metropolitan Statistical Area	—	109	42	5 597	175 204	4 279	8 874	115 235	631 939	586 644	1 217 143	52 843
Hays, KS Micropolitan Statistical Area	3	33	8	f	D	D	D	D	D	D	D	D
Helena, MT Micropolitan Statistical Area	1	59	7	600	21 607	424	821	12 964	61 083	72 394	133 477	D
Henderson, NC Micropolitan Statistical Area	1	47	22	2 807	79 557	2 182	4 309	55 082	297 955	290 028	587 867	19 416
Hereford, TX Micropolitan Statistical Area	1	26	9	701	24 316	550	1 202	17 463	105 696	196 715	303 434	3 564
Hickory-Morganton-Lenoir, NC Metropolitan Statistical Area	1	936	447	67 818	1 898 418	54 936	103 847	1 312 055	5 078 261	4 941 291	10 024 041	236 862
Hilo, HI Micropolitan Statistical Area	2	114	14	1 246	38 289	740	1 466	20 463	97 719	102 186	204 377	6 371
Hilton Head Island-Beaufort, SC Micropolitan Statistical Area	4	108	14	1 080	35 290	766	1 526	20 839	107 755	105 167	209 107	D
Hobbs, NM Micropolitan Statistical Area	6	37	7	673	29 474	331	657	10 758	80 533	330 548	411 147	5 690
Homosassa Springs, FL Micropolitan Statistical Area	8	62	4	546	15 559	356	697	10 133	26 709	47 082	73 721	1 537

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Honolulu, HI Metropolitan Statistical Area	1	683	132	10 253	326 845	6 855	12 920	195 266	948 546	2 017 417	2 959 134	59 572
Hood River, OR Micropolitan Statistical Area	2	54	13	f	D	D	D	D	D	D	D	1 586
Hope, AR Micropolitan Statistical Area	—	37	20	4 832	139 167	3 872	7 679	93 121	461 410	535 574	992 374	18 165
Hot Springs, AR Metropolitan Statistical Area	1	124	29	4 034	127 824	2 887	5 604	82 323	302 916	423 470	717 473	25 667
Houghton, MI Micropolitan Statistical Area	3	49	9	745	23 020	563	1 123	14 321	57 894	79 269	142 452	5 043
Houma-Bayou Cane-Thibodaux, LA Metropolitan Statistical Area	—	182	45	6 491	256 106	5 271	11 077	197 121	563 834	537 904	1 115 516	39 083
Huntingdon, PA Micropolitan Statistical Area	2	45	13	2 184	66 673	1 782	3 381	45 652	228 274	219 139	460 074	30 930
Huntington-Ashland, WV-KY-OH Metropolitan Statistical Area	—	240	75	10 879	444 286	7 978	16 679	308 209	1 662 516	3 930 382	5 603 295	213 979
Huron, SD Micropolitan Statistical Area	—	28	12	f	D	D	D	D	D	D	D	2 636
Hutchinson, KS Micropolitan Statistical Area	3	93	39	3 728	130 539	2 742	5 600	82 876	337 958	395 027	738 016	17 188
Indiana, PA Micropolitan Statistical Area	—	105	26	3 392	117 328	2 482	4 884	78 171	276 921	213 322	492 693	9 887
Indianola, MS Micropolitan Statistical Area	—	23	9	1 157	24 344	951	1 735	16 317	212 686	229 156	469 034	30 970
Iowa City, IA Metropolitan Statistical Area	—	115	32	5 916	201 084	4 323	8 158	140 239	3 143 892	1 501 719	4 619 771	78 779
Iron Mountain, MI-WI Micropolitan Statistical Area	—	61	21	2 519	97 701	2 050	4 052	73 819	354 612	320 968	682 059	15 342
Jackson, MI Metropolitan Statistical Area	—	317	112	10 875	433 509	7 693	15 500	266 637	1 177 854	1 351 284	2 541 850	117 403
Jackson, TN Metropolitan Statistical Area	—	147	66	12 020	464 949	9 299	19 611	303 401	1 989 407	1 919 965	3 932 918	126 727
Jackson, WY-ID Micropolitan Statistical Area	3	34	2	269	6 698	214	264	4 649	14 615	9 054	24 113	453
Jacksonville, FL Metropolitan Statistical Area	1	894	259	32 231	1 280 563	22 233	45 234	713 455	4 671 283	3 687 854	8 356 067	252 638
Jacksonville, IL Micropolitan Statistical Area	—	31	17	3 360	112 088	2 691	4 888	76 138	516 552	461 755	975 358	29 945
Jacksonville, NC Metropolitan Statistical Area	—	41	9	1 415	35 165	1 163	2 285	25 322	46 289	143 883	189 839	3 313
Jamestown, ND Micropolitan Statistical Area	1	24	8	1 008	28 490	695	1 377	14 087	72 541	78 705	150 355	D
Jamestown-Dunkirk-Fredonia, NY Micropolitan Statistical Area	—	226	81	12 349	431 369	9 268	16 890	271 840	1 504 507	1 213 905	2 711 899	80 949
Janesville, WI Metropolitan Statistical Area	—	238	77	14 994	741 988	11 535	22 931	543 334	5 753 424	5 979 893	11 707 164	67 629
Jasper, IN Micropolitan Statistical Area	—	120	60	11 904	367 025	9 832	20 500	281 631	1 096 062	914 045	2 013 964	31 932
Jefferson City, MO Metropolitan Statistical Area	3	148	44	5 916	208 179	4 690	8 883	144 918	1 054 992	681 090	1 728 464	45 295
Jesup, GA Micropolitan Statistical Area	—	25	11	1 662	73 220	1 312	2 917	54 091	278 291	203 427	477 467	D
Johnstown, PA Metropolitan Statistical Area	1	151	47	4 186	135 489	2 969	5 662	77 968	355 646	651 389	1 010 977	24 398
Jonesboro, AR Metropolitan Statistical Area	1	147	57	8 614	250 907	6 643	12 841	168 672	751 674	993 496	1 743 580	73 831
Joplin, MO Metropolitan Statistical Area	1	271	83	14 730	448 163	11 968	24 030	328 018	1 424 246	1 647 091	3 097 809	70 565
Kahului-Wailuku, HI Micropolitan Statistical Area	1	93	8	1 491	50 232	1 141	2 204	35 640	157 060	113 889	270 556	16 574
Kalamazoo-Portage, MI Metropolitan Statistical Area	1	489	167	20 884	800 570	14 279	28 629	435 457	5 035 957	2 111 176	7 098 537	212 166
Kalispell, MT Micropolitan Statistical Area	—	153	24	3 287	124 318	2 498	5 037	81 784	267 563	384 754	645 595	23 873
Kearney, NE Micropolitan Statistical Area	—	63	16	3 712	140 637	2 896	6 227	95 377	429 688	487 256	918 524	28 760
Keene, NH Micropolitan Statistical Area	2	170	51	6 415	244 915	4 352	8 511	127 414	555 335	388 131	927 010	32 839
Kennett, MO Micropolitan Statistical Area	2	29	8	942	26 496	801	1 622	20 141	114 995	60 501	178 279	3 317
Kennewick-Richland-Pasco, WA Metropolitan Statistical Area	4	167	37	7 319	256 750	5 667	11 995	162 001	700 302	1 445 041	2 167 264	41 184
Keokuk-Fort Madison, IA-MO Micropolitan Statistical Area	—	76	33	5 110	195 262	3 963	7 930	134 717	768 612	563 419	1 335 048	48 330

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

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Geographic area	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)				
Kerrville, TX Micropolitan Statistical Area	5	51	6	686	21 726	545	1 067	14 346	57 865	52 286	111 136	2 939
Ketchikan, AK Micropolitan Statistical Area	3	17	6	f	D	D	D	D	D	D	D	658
Key West-Marathon, FL Micropolitan Statistical Area	6	79	—	300	9 402	227	420	6 065	22 480	18 187	40 714	1 088
Kill Devil Hills, NC Micropolitan Statistical Area	6	41	6	577	18 138	473	947	13 404	45 773	40 099	86 014	2 012
Killeen-Temple-Fort Hood, TX Metropolitan Statistical Area	2	185	53	8 894	272 147	7 120	13 431	196 338	967 802	737 496	1 709 644	59 154
Kinston, NC Micropolitan Statistical Area	—	65	24	4 916	145 607	4 138	8 222	107 102	470 116	539 038	1 008 196	33 629
Kirksville, MO Micropolitan Statistical Area	—	17	4	1 219	39 252	926	1 902	24 288	150 795	165 720	320 010	5 742
Klamath Falls, OR Micropolitan Statistical Area	—	71	22	2 500	85 219	2 105	4 371	64 568	293 640	296 628	590 913	18 758
Kodiak, AK Micropolitan Statistical Area	5	17	10	1 266	32 879	1 155	2 325	25 985	90 002	129 858	219 678	5 058
La Crosse, WI-MN Metropolitan Statistical Area	—	200	66	9 307	306 843	6 522	12 220	169 006	630 603	871 329	1 500 271	47 349
La Grande, OR Micropolitan Statistical Area	—	31	8	1 366	46 173	1 181	2 323	34 726	97 439	180 078	275 300	6 203
Lake City, FL Micropolitan Statistical Area	2	39	11	836	23 172	694	1 419	16 872	60 758	121 843	182 781	2 451
Lake Havasu City-Kingman, AZ Micropolitan Statistical Area	1	164	30	3 385	105 642	2 672	5 430	73 142	353 329	384 119	738 682	31 671
Lakeland-Winter Haven, FL Metropolitan Statistical Area	1	452	164	16 088	599 415	11 347	23 565	346 524	2 229 138	2 774 308	4 938 430	207 531
Lancaster, PA Metropolitan Statistical Area	—	988	340	47 821	1 782 863	35 979	71 544	1 172 278	6 541 146	5 363 759	11 871 514	327 261
Laramie, WY Micropolitan Statistical Area	1	28	6	559	18 977	433	842	12 808	58 551	47 380	103 822	1 937
Laredo, TX Metropolitan Statistical Area	1	95	14	1 418	33 408	998	1 747	19 175	180 648	137 034	328 216	14 187
Las Cruces, NM Metropolitan Statistical Area	3	137	24	2 473	61 302	1 990	3 760	40 435	330 183	420 533	749 176	10 434
Laurel, MS Micropolitan Statistical Area	—	89	30	7 998	213 428	6 546	11 413	141 775	627 123	720 526	1 343 874	30 627
Lawrence, KS Metropolitan Statistical Area	—	86	27	3 612	132 163	2 620	5 139	84 231	524 692	380 287	925 813	33 299
Lawrenceburg, TN Micropolitan Statistical Area	—	65	20	3 748	117 789	3 217	6 968	89 736	314 037	666 552	1 001 778	13 617
Lawton, OK Metropolitan Statistical Area	—	53	12	3 316	145 915	2 910	6 454	124 936	379 997	377 307	756 900	13 406
Lebanon, MO Micropolitan Statistical Area	—	62	22	5 062	124 228	4 347	8 425	94 877	398 252	486 528	903 322	14 475
Lebanon, NH-VT Micropolitan Statistical Area	1	338	94	9 332	306 113	6 633	12 916	185 244	810 587	543 506	1 353 369	42 835
Lewiston, ID-WA Metropolitan Statistical Area	—	64	12	3 291	145 988	2 745	5 166	111 253	291 740	465 444	728 022	11 846
Lewistown, PA Micropolitan Statistical Area	—	83	25	4 497	166 519	3 572	7 387	122 962	412 785	494 393	908 044	15 728
Lexington, NE Micropolitan Statistical Area	—	31	11	4 039	110 372	3 555	7 807	90 977	311 273	1 203 997	1 513 446	9 611
Liberal, KS Micropolitan Statistical Area	—	10	1	h	D	D	D	D	D	D	D	D
Lima, OH Metropolitan Statistical Area	—	142	58	11 742	458 414	9 612	16 048	337 057	3 720 876	5 099 143	8 794 620	87 949
Lincoln, IL Micropolitan Statistical Area	—	24	6	1 427	47 438	1 211	2 424	37 021	198 922	221 872	420 301	8 947
Lincoln, NE Metropolitan Statistical Area	—	285	89	15 851	567 190	11 274	22 004	348 535	2 113 956	1 856 885	3 975 322	104 192
Logan, UT-ID Metropolitan Statistical Area	1	197	52	9 440	284 305	6 674	13 680	171 805	671 279	2 025 910	2 753 321	32 680
Logansport, IN Micropolitan Statistical Area	—	47	23	5 750	169 050	4 766	9 992	123 619	444 426	709 687	1 159 462	17 050
Longview-Kelso, WA Metropolitan Statistical Area	—	132	42	6 547	324 356	4 880	9 970	227 254	721 675	1 382 386	2 092 148	103 885
Lufkin, TX Micropolitan Statistical Area	—	79	31	6 079	181 690	4 903	9 220	130 681	420 874	575 841	998 803	39 533
Lynchburg, VA Metropolitan Statistical Area	1	323	107	18 533	742 351	13 359	28 173	446 955	2 416 892	1 592 817	3 873 126	138 965
Macomb, IL Micropolitan Statistical Area	2	30	12	1 510	48 331	1 229	2 355	36 434	102 313	76 407	176 550	5 426

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Madison, IN Micropolitan Statistical Area	—	54	19	3 505	129 492	2 535	5 260	81 094	344 682	529 560	874 281	24 560
Madisonville, KY Micropolitan Statistical Area	—	50	18	2 823	112 603	2 231	4 238	82 179	323 843	440 145	770 452	59 753
Magnolia, AR Micropolitan Statistical Area	—	35	17	2 998	103 049	2 230	4 682	67 394	352 111	307 260	646 126	21 116
Malone, NY Micropolitan Statistical Area	1	28	6	658	15 756	588	964	12 438	44 181	64 556	119 473	1 907
Manhattan, KS Micropolitan Statistical Area	1	62	20	2 004	59 476	1 637	3 336	42 377	197 608	145 649	340 891	12 307
Manitowoc, WI Micropolitan Statistical Area	—	193	90	12 376	443 069	9 315	17 183	286 486	1 238 392	1 194 572	2 426 759	61 851
Mankato-North Mankato, MN Micropolitan Statistical Area	1	126	57	8 627	266 508	5 951	11 274	153 583	956 884	1 536 544	2 499 288	40 708
Marinette, WI-MI Micropolitan Statistical Area	—	159	50	8 295	303 149	6 458	12 805	207 704	958 763	898 679	1 865 646	56 562
Marion, IN Micropolitan Statistical Area	1	79	35	7 862	354 912	6 543	13 504	278 056	736 785	1 003 956	1 743 763	52 242
Marion-Herrin, IL Micropolitan Statistical Area	—	50	13	2 713	92 159	1 945	3 621	58 993	206 176	346 067	549 485	35 291
Marquette, MI Micropolitan Statistical Area	—	47	7	884	27 479	551	1 091	15 097	60 897	80 573	140 690	D
Marshall, MN Micropolitan Statistical Area	4	33	12	1 611	49 201	1 328	2 737	35 967	219 795	299 702	514 468	40 894
Marshall, MO Micropolitan Statistical Area	1	24	5	1 485	39 762	1 255	1 955	29 024	216 040	213 456	433 468	D
Marshalltown, IA Micropolitan Statistical Area	—	47	15	5 398	193 555	3 938	7 873	111 735	1 058 620	794 714	1 860 197	17 315
Martinsville, VA Micropolitan Statistical Area	2	105	47	9 795	259 287	8 168	16 279	187 378	641 914	760 707	1 433 145	33 769
Maryville, MO Micropolitan Statistical Area	—	22	7	2 082	63 156	1 684	3 186	45 932	391 251	357 636	743 824	28 807
Mason City, IA Micropolitan Statistical Area	—	69	27	4 091	130 847	3 132	5 772	91 257	411 694	499 132	906 223	28 534
Maysville, KY Micropolitan Statistical Area	—	28	15	2 181	82 313	1 701	3 587	52 645	240 570	243 624	489 198	10 952
McAlester, OK Micropolitan Statistical Area	—	26	6	741	21 021	602	1 213	15 534	37 159	158 869	196 313	2 672
McAllen-Edinburg-Pharr, TX Metropolitan Statistical Area	1	283	64	7 202	188 958	5 284	10 086	106 946	746 312	837 788	1 593 831	48 438
McComb, MS Micropolitan Statistical Area	2	45	18	3 822	86 279	3 418	6 396	68 614	201 523	347 015	547 563	6 899
McMinnville, TN Micropolitan Statistical Area	2	65	26	4 351	162 187	3 613	6 161	116 126	418 815	608 167	1 036 640	21 016
McPherson, KS Micropolitan Statistical Area	—	67	30	3 911	160 187	2 882	5 957	104 238	525 522	1 325 616	1 858 747	35 253
Meadville, PA Micropolitan Statistical Area	1	323	92	7 499	274 660	5 568	10 832	173 610	735 735	522 151	1 259 068	68 310
Medford, OR Metropolitan Statistical Area	—	310	71	6 552	221 758	5 120	10 159	159 976	811 621	884 038	1 687 676	30 955
Memphis, TN-MS-AR Metropolitan Statistical Area	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
Merced, CA Metropolitan Statistical Area	1	127	50	8 856	243 021	6 926	13 720	177 202	941 111	1 825 222	2 734 324	49 293
Meridian, MS Micropolitan Statistical Area	1	104	37	4 797	139 650	3 304	6 879	90 038	359 148	455 415	836 213	28 447
Mexico, MO Micropolitan Statistical Area	1	32	12	1 531	46 253	1 302	2 508	34 765	190 196	323 405	512 428	9 060
Miami, OK Micropolitan Statistical Area	3	55	13	1 248	39 272	885	1 720	24 541	109 540	103 119	212 595	6 977
Miami-Fort Lauderdale-Miami Beach, FL Metropolitan Statistical Area	2	5 522	948	100 729	3 417 583	66 199	127 901	1 736 090	10 491 030	7 945 999	18 422 854	482 882
Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division	2	1 836	323	32 179	1 146 172	20 223	38 450	557 447	3 751 169	3 032 696	6 775 856	153 167
Miami-Miami Beach-Kendall, FL Metropolitan Division	3	2 608	445	50 316	1 596 870	34 490	66 542	824 724	5 021 323	3 437 933	8 442 440	225 097
West Palm Beach-Boca Raton-Boynton Beach, FL Metropolitan Division	2	1 078	180	18 234	674 541	11 486	22 909	353 919	1 718 538	1 475 370	3 204 558	104 618
Middlesborough, KY Micropolitan Statistical Area	—	22	7	708	21 056	512	1 024	12 637	71 442	71 186	142 464	D
Midland, MI Micropolitan Statistical Area	3	69	20	5 742	284 574	4 265	7 826	206 993	651 105	1 580 566	2 177 629	118 659
Midland, TX Metropolitan Statistical Area	3	119	20	1 470	52 435	1 067	2 099	31 757	115 757	90 748	205 389	13 220

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Milledgeville, GA Micropolitan Statistical Area	—	23	8	2 799	85 522	2 524	4 746	74 104	171 153	388 595	555 667	22 653
Minot, ND Micropolitan Statistical Area	—	52	15	629	18 377	460	883	11 146	62 093	181 468	242 620	2 294
Missoula, MT Metropolitan Statistical Area	5	116	25	2 536	92 428	2 014	3 808	66 487	245 709	306 406	551 937	9 426
Mitchell, SD Micropolitan Statistical Area	—	37	13	1 643	53 965	1 304	2 759	36 520	158 168	181 979	340 690	5 065
Moberly, MO Micropolitan Statistical Area	—	28	9	1 372	34 676	1 024	1 619	20 794	95 348	92 158	185 862	4 542
Modesto, CA Metropolitan Statistical Area	1	488	170	24 469	913 022	18 729	36 558	540 781	3 284 159	3 960 297	7 232 823	153 161
Monroe, WI Micropolitan Statistical Area	1	78	17	1 923	58 790	1 575	3 072	42 626	224 695	298 731	527 819	D
Montgomery, AL Metropolitan Statistical Area	3	322	116	16 436	548 431	12 642	25 574	356 076	2 288 863	1 918 103	4 202 981	104 063
Montrose, CO Micropolitan Statistical Area	1	64	18	1 388	35 094	1 109	1 998	24 309	100 927	60 497	161 695	D
Morehead City, NC Micropolitan Statistical Area	1	77	12	1 625	39 724	1 357	2 407	28 725	100 839	132 426	231 700	5 924
Morgan City, LA Micropolitan Statistical Area	1	90	34	5 225	200 487	4 038	8 052	144 475	464 225	503 730	951 233	38 580
Morgantown, WV Metropolitan Statistical Area	—	82	26	3 419	170 942	1 959	3 683	69 185	327 787	691 568	1 020 262	22 788
Moscow, ID Micropolitan Statistical Area	1	26	3	e	D	D	D	D	D	D	D	D
Moses Lake, WA Micropolitan Statistical Area	2	64	23	3 541	112 577	2 982	5 768	82 086	330 155	352 081	701 641	32 329
Moultrie, GA Micropolitan Statistical Area	1	56	17	2 051	48 252	1 764	3 523	36 890	103 889	217 276	321 706	6 930
Mountain Home, AR Micropolitan Statistical Area	—	53	13	3 364	87 479	2 550	5 126	53 638	295 157	166 909	464 077	20 813
Mount Pleasant, MI Micropolitan Statistical Area	—	57	13	2 606	86 174	1 817	3 333	52 733	204 160	237 686	443 008	14 059
Mount Pleasant, TX Micropolitan Statistical Area	—	37	15	4 834	105 770	4 011	7 338	79 909	925 417	859 132	1 783 290	6 166
Mount Vernon, IL Micropolitan Statistical Area	—	48	9	2 652	112 508	2 041	3 845	78 134	463 349	424 026	891 147	D
Mount Vernon-Anacortes, WA Metropolitan Statistical Area	—	191	58	5 145	192 907	3 950	7 919	138 124	764 942	2 649 596	3 424 777	120 904
Muncie, IN Metropolitan Statistical Area	1	162	67	7 642	333 757	5 603	11 402	209 225	777 890	757 618	1 544 169	42 521
Murray, KY Micropolitan Statistical Area	—	31	8	2 494	81 609	2 008	3 712	58 018	167 143	356 848	543 134	7 176
Muscatine, IA Micropolitan Statistical Area	—	84	42	9 399	333 982	7 393	14 837	234 153	2 008 990	1 737 249	3 753 029	66 055
Muskogee, OK Micropolitan Statistical Area	—	78	32	4 867	184 242	3 921	7 606	137 007	615 986	573 395	1 185 528	37 690
Nacogdoches, TX Micropolitan Statistical Area	1	69	20	4 767	116 130	3 898	7 229	86 297	470 574	673 573	1 129 336	22 024
Naples-Marco Island, FL Metropolitan Statistical Area	3	252	30	2 733	100 840	1 815	3 512	53 659	235 764	197 111	437 510	10 058
Natchez, MS-LA Micropolitan Statistical Area	2	32	7	1 114	45 091	937	1 917	33 828	98 004	202 218	312 494	12 088
Natchitoches, LA Micropolitan Statistical Area	—	22	5	2 540	68 976	2 214	4 191	53 530	373 916	405 189	776 866	31 764
New Bern, NC Micropolitan Statistical Area	—	92	22	4 451	159 517	3 612	7 178	112 054	548 237	643 517	1 192 332	61 006
New Philadelphia-Dover, OH Micropolitan Statistical Area	1	232	90	9 231	305 389	6 884	13 339	189 676	850 881	993 135	1 820 703	64 978
New Ulm, MN Micropolitan Statistical Area	—	41	20	3 689	116 114	2 986	6 117	85 415	589 630	631 785	1 225 170	34 223
Niles-Benton Harbor, MI Metropolitan Statistical Area	2	370	129	14 392	547 184	10 588	21 584	353 086	1 257 131	1 175 189	2 440 261	78 786
Nogales, AZ Micropolitan Statistical Area	2	41	8	f	D	D	D	D	D	D	D	D
Norfolk, NE Micropolitan Statistical Area	—	70	27	5 755	193 531	4 663	9 838	148 279	457 678	1 262 567	1 725 964	68 200
North Platte, NE Micropolitan Statistical Area	4	22	4	404	9 784	291	461	5 162	32 303	64 649	97 141	6 976
North Wilkesboro, NC Micropolitan Statistical Area	—	98	36	6 656	167 534	5 821	11 369	133 616	749 974	580 104	1 316 935	26 175
Norwalk, OH Micropolitan Statistical Area	—	106	48	8 553	300 844	7 044	13 833	223 265	1 028 262	982 486	2 008 452	30 482

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
Norwich-New London, CT Metropolitan Statistical Area	—	209	56	13 308	690 542	6 000	12 526	224 407	2 226 256	854 978	3 089 796	98 412
Ocala, FL Metropolitan Statistical Area	1	245	72	9 065	279 539	6 857	13 781	175 633	724 731	666 367	1 381 488	31 763
Ocean City, NJ Metropolitan Statistical Area	2	86	5	737	19 984	544	970	12 644	66 403	56 683	111 953	2 011
Odessa, TX Metropolitan Statistical Area	1	224	45	4 101	163 636	2 697	5 482	91 920	554 909	445 084	1 005 901	20 637
Ogdensburg-Massena, NY Micropolitan Statistical Area	—	79	26	4 081	199 840	3 135	6 384	143 176	814 427	640 862	1 477 374	65 635
Oil City, PA Micropolitan Statistical Area	2	90	32	3 865	154 469	2 738	5 292	86 240	342 508	426 061	773 275	22 919
Olean, NY Micropolitan Statistical Area	1	98	39	5 023	195 313	3 556	7 090	125 297	504 348	366 953	837 328	33 129
Oneonta, NY Micropolitan Statistical Area	1	72	13	1 271	38 777	966	1 921	24 326	135 786	79 758	214 577	6 343
Ontario, OR-ID Micropolitan Statistical Area	1	51	12	2 452	58 668	2 224	4 248	46 752	459 802	280 015	742 310	18 011
Orangeburg, SC Micropolitan Statistical Area	—	89	39	7 954	297 833	5 954	11 825	185 586	781 738	1 186 082	1 935 859	218 681
Oskaloosa, IA Micropolitan Statistical Area	1	28	8	822	29 383	668	1 404	21 687	100 621	123 103	225 193	6 075
Ottawa-Streator, IL Micropolitan Statistical Area	1	207	89	8 730	333 348	6 349	12 761	210 583	1 126 732	1 043 543	2 160 836	105 446
Ottumwa, IA Micropolitan Statistical Area	—	32	12	4 112	155 225	3 241	7 093	106 333	710 036	1 028 304	1 722 851	51 712
Owatonna, MN Micropolitan Statistical Area	1	75	24	5 965	236 025	4 181	8 529	127 365	561 382	622 685	1 186 976	30 147
Owensboro, KY Metropolitan Statistical Area	—	144	60	9 177	359 520	6 886	13 595	247 804	1 751 053	2 467 655	4 230 010	77 081
Oxford, MS Micropolitan Statistical Area	—	23	10	1 781	47 254	1 556	3 171	37 426	151 596	184 638	332 345	8 872
Palatka, FL Micropolitan Statistical Area	—	38	13	2 309	94 319	1 869	3 628	67 862	363 832	350 752	714 730	34 813
Palestine, TX Micropolitan Statistical Area	4	28	6	327	8 600	257	389	6 043	21 393	17 907	39 382	511
Palm Bay-Melbourne-Titusville, FL Metropolitan Statistical Area	—	459	99	18 347	864 589	8 569	15 690	269 307	2 580 956	1 346 810	3 961 072	131 769
Pampa, TX Micropolitan Statistical Area	—	21	6	942	49 598	644	1 390	29 275	189 828	216 238	408 609	D
Panama City-Lynn Haven, FL Metropolitan Statistical Area	—	133	24	3 671	140 689	2 793	5 644	95 135	404 555	421 862	844 800	30 348
Paragould, AR Micropolitan Statistical Area	—	53	20	4 849	133 277	4 203	8 015	105 362	400 837	404 316	802 574	17 852
Paris, TN Micropolitan Statistical Area	1	52	15	2 644	65 303	2 104	3 875	45 156	163 403	210 818	385 399	6 255
Paris, TX Micropolitan Statistical Area	—	54	20	4 472	162 278	3 539	6 892	118 861	1 567 092	667 945	2 236 310	54 133
Parkersburg-Marietta, WV-OH Metropolitan Statistical Area	—	194	74	11 046	496 851	7 360	14 862	306 722	1 925 194	2 090 737	4 022 754	126 567
Parsons, KS Micropolitan Statistical Area	—	35	17	2 165	62 955	1 608	3 099	37 842	146 474	107 106	254 288	5 474
Payson, AZ Micropolitan Statistical Area	—	21	2	g	D	D	D	D	D	D	D	D
Pecos, TX Micropolitan Statistical Area	2	4	1	e	D	D	D	D	D	D	D	D
Pendleton-Hermiston, OR Micropolitan Statistical Area	2	84	30	4 597	133 961	3 986	7 877	102 117	495 044	611 235	1 103 661	26 002
Pensacola-Ferry Pass-Brent, FL Metropolitan Statistical Area	—	285	53	6 914	272 839	4 962	10 118	166 043	921 409	1 216 740	2 137 693	61 668
Phoenix Lake-Cedar Ridge, CA Micropolitan Statistical Area	1	81	12	1 161	39 340	926	1 662	26 892	105 025	106 604	210 631	5 397
Phoenix-Mesa-Scottsdale, AZ Metropolitan Statistical Area	1	3 446	984	121 324	5 041 257	77 297	153 238	2 404 757	20 197 745	11 401 775	31 727 962	692 717
Picayune, MS Micropolitan Statistical Area	—	47	10	786	24 389	472	859	13 212	92 136	123 278	216 193	6 497
Pittsburg, KS Micropolitan Statistical Area	—	73	26	3 252	93 488	2 645	5 278	71 434	282 258	332 206	618 652	16 130
Pittsfield, MA Metropolitan Statistical Area	1	203	63	7 249	289 956	4 564	9 249	145 654	694 785	500 557	1 195 169	44 844
Plainview, TX Micropolitan Statistical Area	—	28	11	2 779	77 088	2 323	5 354	57 308	266 084	1 051 402	1 314 857	12 828
Platteville, WI Micropolitan Statistical Area	—	67	26	2 769	73 487	2 346	4 138	54 308	375 903	405 214	784 878	16 687

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Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

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Geographic area	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)				
Plattsburgh, NY Micropolitan Statistical Area	1	103	30	4 624	163 096	3 924	7 682	127 816	405 144	474 997	878 072	41 778
Plymouth, IN Micropolitan Statistical Area	1	126	62	5 745	191 195	4 319	8 823	122 030	550 777	700 656	1 218 705	27 835
Pocatello, ID Metropolitan Statistical Area	—	79	21	3 366	152 007	2 433	5 223	90 205	505 056	355 146	868 671	15 227
Point Pleasant, WV-OH Micropolitan Statistical Area	—	37	11	1 628	64 445	1 258	2 636	43 882	240 483	351 705	589 269	49 633
Ponca City, OK Micropolitan Statistical Area	—	78	25	3 957	135 232	3 021	5 445	83 728	218 623	2 218 912	2 466 258	122 140
Pontiac, IL Micropolitan Statistical Area	—	55	19	4 531	192 053	3 113	6 597	122 157	613 722	479 248	1 089 858	54 761
Poplar Bluff, MO Micropolitan Statistical Area	—	56	12	3 298	86 283	2 974	5 295	70 721	226 340	324 641	532 630	5 545
Port Angeles, WA Micropolitan Statistical Area	2	76	13	1 159	44 395	918	1 809	31 836	126 291	141 769	268 054	11 848
Portland-Vancouver-Beaverton, OR-WA Metropolitan Statistical Area	—	3 256	919	110 748	4 643 324	73 675	143 139	2 534 413	19 267 535	11 357 506	30 517 533	855 023
Port St. Lucie-Fort Pierce, FL Metropolitan Statistical Area	1	298	52	4 970	175 633	3 658	6 904	113 161	537 630	664 799	1 133 819	52 990
Portsmouth, OH Micropolitan Statistical Area	—	61	15	2 061	70 059	1 564	3 242	50 384	164 463	368 298	534 993	14 727
Pottsville, PA Micropolitan Statistical Area	1	202	91	12 057	397 220	9 505	18 909	274 711	1 409 129	1 104 456	2 529 575	60 665
Prescott, AZ Metropolitan Statistical Area	2	200	40	3 622	99 617	2 748	5 393	67 074	246 821	174 862	421 297	13 765
Price, UT Micropolitan Statistical Area	—	17	4	379	13 797	263	559	9 638	31 071	53 166	88 385	736
Providence-New Bedford-Fall River, RI-MA Metropolitan Statistical Area	2	3 014	894	103 563	3 783 691	71 551	143 096	2 021 563	10 143 334	8 057 111	18 216 736	527 513
Provo-Orem, UT Metropolitan Statistical Area	1	451	109	13 887	472 137	9 038	16 943	241 356	1 506 758	1 061 404	2 527 786	133 099
Pueblo, CO Metropolitan Statistical Area	—	122	36	4 088	163 029	3 037	6 331	106 810	540 720	603 754	1 144 120	26 231
Pullman, WA Micropolitan Statistical Area	—	26	2	736	37 820	325	676	9 409	101 259	30 996	131 966	D
Punta Gorda, FL Metropolitan Statistical Area	3	86	7	638	21 602	448	884	12 544	64 113	42 818	106 507	1 906
Quincy, IL-MO Micropolitan Statistical Area	—	98	35	5 680	231 729	3 763	7 588	125 844	647 819	818 680	1 443 594	41 233
Rapid City, SD Metropolitan Statistical Area	1	150	38	3 563	100 203	2 873	5 692	69 824	269 189	444 104	704 828	11 386
Reading, PA Metropolitan Statistical Area	1	579	235	33 203	1 286 567	23 920	47 500	771 643	3 504 867	3 257 103	6 764 344	228 181
Red Bluff, CA Micropolitan Statistical Area	—	56	14	2 462	79 259	2 113	4 373	60 761	180 467	306 711	483 533	7 118
Redding, CA Metropolitan Statistical Area	3	178	38	3 342	115 835	2 512	5 227	76 951	262 551	338 184	597 203	169 359
Reno-Sparks, NV Metropolitan Statistical Area	1	451	127	13 472	561 874	8 474	16 480	251 323	1 531 869	1 489 957	3 037 568	93 089
Rexburg, ID Micropolitan Statistical Area	—	40	11	1 421	32 851	1 028	1 586	20 759	199 477	78 047	270 278	7 831
Richmond, IN Micropolitan Statistical Area	—	129	66	7 736	279 577	6 010	12 144	193 624	934 318	809 410	1 735 985	50 254
Richmond, VA Metropolitan Statistical Area	—	1 064	356	49 685	2 123 986	35 583	71 925	1 299 527	16 784 211	7 545 272	24 314 240	508 666
Riverton, WY Micropolitan Statistical Area	2	37	3	330	9 105	237	405	5 325	21 643	21 306	43 125	814
Roanoke, VA Metropolitan Statistical Area	—	350	122	17 484	614 189	12 273	23 596	367 047	1 957 109	1 583 565	3 564 598	79 690
Roanoke Rapids, NC Micropolitan Statistical Area	5	55	22	2 968	107 164	2 393	4 708	77 592	391 223	402 254	792 961	34 531
Rochester, MN Metropolitan Statistical Area	—	159	58	14 931	703 310	6 856	13 960	217 021	1 581 371	2 793 144	4 304 369	115 089
Rockingham, NC Micropolitan Statistical Area	1	54	23	3 948	104 454	3 365	5 395	78 727	336 256	268 417	619 028	16 125
Rockland, ME Micropolitan Statistical Area	2	88	16	1 331	47 216	916	1 800	26 149	139 024	88 749	218 905	5 501
Rock Springs, WY Micropolitan Statistical Area	1	31	5	1 394	80 599	1 168	2 379	67 724	535 642	405 206	941 881	30 709
Rocky Mount, NC Metropolitan Statistical Area	—	151	72	13 936	439 386	10 734	22 104	305 844	1 859 194	1 706 724	3 559 868	73 716
Rolla, MO Micropolitan Statistical Area	—	53	11	1 564	49 800	1 150	2 009	29 457	114 929	208 717	320 384	7 289

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
Rome, GA Metropolitan Statistical Area	1	119	47	7 553	250 323	6 285	13 114	186 616	735 657	1 041 579	1 787 806	64 931
Roseburg, OR Micropolitan Statistical Area	—	139	45	6 070	209 405	5 117	10 291	159 251	417 251	853 203	1 266 593	30 297
Roswell, NM Micropolitan Statistical Area	3	51	13	1 644	58 683	1 106	2 351	31 547	194 636	447 636	644 307	22 842
Russellville, AR Micropolitan Statistical Area	—	98	38	8 017	195 063	6 260	12 114	144 802	803 018	892 755	1 699 310	39 707
Ruston, LA Micropolitan Statistical Area	1	42	14	1 607	55 451	1 329	2 663	42 006	138 373	167 046	306 599	97 235
Rutland, VT Micropolitan Statistical Area	1	117	37	4 046	148 355	3 314	6 443	111 799	299 899	201 067	493 564	17 731
St. George, UT Metropolitan Statistical Area	1	122	35	2 192	61 411	1 720	3 374	42 810	145 283	135 749	281 772	5 927
St. Joseph, MO-KS Metropolitan Statistical Area	—	112	48	6 581	250 898	4 797	9 976	152 009	729 711	1 481 750	2 238 059	62 253
St. Marys, GA Micropolitan Statistical Area	—	18	8	1 304	53 960	1 032	1 811	38 337	192 728	200 994	404 218	D
St. Marys, PA Micropolitan Statistical Area	1	142	51	6 434	239 031	4 965	9 948	166 915	716 145	494 968	1 189 124	47 484
Salem, OR Metropolitan Statistical Area	3	438	135	13 200	423 179	10 124	19 477	268 147	1 311 350	1 196 569	2 486 387	71 048
Salina, KS Micropolitan Statistical Area	—	94	28	5 753	187 133	4 609	9 212	134 394	452 394	795 626	1 257 184	34 665
Salinas, CA Metropolitan Statistical Area	2	307	67	8 431	268 832	6 306	10 428	166 705	1 037 074	895 867	1 896 237	51 514
San Angelo, TX Metropolitan Statistical Area	—	103	27	4 004	136 730	3 099	6 215	87 555	496 509	426 164	921 078	10 695
San Antonio, TX Metropolitan Statistical Area	2	1 339	352	45 554	1 440 959	32 284	63 009	820 521	4 238 612	4 465 997	8 752 299	272 061
San Diego-Carlsbad-San Marcos, CA Metropolitan Statistical Area ..	1	3 473	928	117 125	4 915 450	68 531	132 213	2 118 100	14 187 111	11 615 926	25 798 424	1 116 270
Sandusky, OH Metropolitan Statistical Area	—	126	53	8 732	427 149	6 701	14 071	307 464	1 198 890	1 356 056	2 544 596	69 334
Sanford, NC Micropolitan Statistical Area	—	98	51	8 990	303 147	6 539	13 238	171 236	1 081 237	1 234 394	2 324 347	164 317
San Luis Obispo-Paso Robles, CA Metropolitan Statistical Area	3	383	80	6 867	245 294	4 379	8 305	121 875	614 992	573 215	1 174 650	59 166
Santa Barbara-Santa Maria-Goleta, CA Metropolitan Statistical Area ..	2	532	130	15 275	692 286	8 026	15 547	263 562	1 773 463	908 529	2 677 224	121 593
Sarasota-Bradenton-Venice, FL Metropolitan Statistical Area	1	654	145	17 443	611 583	11 834	23 148	336 104	1 641 853	1 737 518	3 496 071	166 011
Sault Ste. Marie, MI Micropolitan Statistical Area	6	25	9	f	D	D	D	D	D	D	D	5 887
Sayre, PA Micropolitan Statistical Area	1	78	26	5 162	182 080	4 080	7 838	130 360	633 762	514 210	1 145 572	26 508
Scottsbluff, NE Micropolitan Statistical Area	3	43	12	1 092	32 370	869	1 790	22 955	57 196	83 614	141 543	1 756
Scottsboro, AL Micropolitan Statistical Area	3	79	22	5 598	175 264	4 615	10 050	126 613	509 862	921 089	1 408 841	78 383
Scranton-Wilkes-Barre, PA Metropolitan Statistical Area	1	701	267	36 734	1 311 011	27 825	55 283	890 336	5 274 639	3 943 218	9 217 137	336 401
Seaford, DE Micropolitan Statistical Area	—	167	56	9 114	275 454	7 009	14 205	165 047	949 476	950 832	1 910 327	60 653
Sebring, FL Micropolitan Statistical Area	—	49	11	996	29 580	798	1 630	21 352	96 027	131 182	227 144	3 011
Sedalia, MO Micropolitan Statistical Area	1	64	23	4 943	147 560	4 277	8 758	116 783	479 456	565 808	1 042 009	23 615
Selma, AL Micropolitan Statistical Area	—	57	22	4 731	166 109	3 796	7 857	122 457	490 879	528 149	982 199	57 001
Seymour, IN Micropolitan Statistical Area	—	83	29	6 733	233 842	4 831	11 766	143 059	914 914	852 726	1 763 331	57 100
Sheboygan, WI Metropolitan Statistical Area	1	242	112	20 115	763 054	15 079	30 317	483 145	2 212 591	2 236 309	4 504 932	103 418
Shelbyville, TN Micropolitan Statistical Area	—	57	19	4 477	145 060	3 852	7 586	112 346	386 773	733 793	1 131 065	26 684
Sheridan, WY Micropolitan Statistical Area	2	33	3	289	8 416	242	476	6 350	16 265	12 886	29 571	726
Sherman-Denison, TX Metropolitan Statistical Area	—	132	40	7 807	329 140	5 779	12 187	202 312	1 614 367	1 066 498	2 678 506	89 969
Sidney, OH Micropolitan Statistical Area	—	149	75	13 685	591 241	10 039	20 710	384 668	1 261 874	4 450 195	5 713 064	186 023
Sierra Vista-Douglas, AZ Micropolitan Statistical Area	—	43	9	497	14 664	311	547	7 400	52 940	51 700	106 611	5 111

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

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Geographic area	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)				
Sioux Falls, SD Metropolitan Statistical Area	—	230	76	11 700	363 444	9 110	18 964	250 814	1 005 775	1 359 327	2 364 108	60 886
Somerset, KY Micropolitan Statistical Area	1	92	35	3 964	107 184	3 261	6 185	78 563	404 159	354 592	760 398	16 542
Somerset, PA Micropolitan Statistical Area	—	128	40	4 623	141 574	3 447	6 766	86 852	333 241	384 031	714 260	18 055
South Bend-Mishawaka, IN-MI Metropolitan Statistical Area	—	539	197	22 716	857 250	16 130	31 817	526 030	2 940 425	2 618 498	5 653 183	373 556
Southern Pines, NC Micropolitan Statistical Area	1	89	27	2 929	79 951	2 273	4 579	52 205	251 045	392 355	649 018	8 623
Spearfish, SD Micropolitan Statistical Area	—	34	7	f	D	D	D	D	D	D	D	2 358
Spencer, IA Micropolitan Statistical Area	—	29	13	1 294	42 714	1 066	1 947	30 770	118 943	108 154	226 804	5 582
Spirit Lake, IA Micropolitan Statistical Area	—	31	8	2 127	70 833	1 620	3 064	43 370	357 127	341 603	721 898	7 292
Spokane, WA Metropolitan Statistical Area	1	583	163	16 442	605 155	10 683	20 352	313 661	1 505 042	1 308 212	2 822 870	87 794
Springfield, IL Metropolitan Statistical Area	3	137	40	3 656	138 253	2 342	4 459	74 007	280 483	372 084	649 742	19 814
Springfield, MA Metropolitan Statistical Area	1	1 056	371	38 233	1 489 516	26 562	53 331	853 201	3 957 540	3 598 526	7 570 869	261 053
Springfield, MO Metropolitan Statistical Area	1	565	143	19 732	617 491	14 354	27 724	379 035	1 921 768	2 112 653	4 020 615	119 893
Starkville, MS Micropolitan Statistical Area	—	28	11	1 502	44 647	1 148	2 322	28 690	116 053	135 585	251 392	8 122
State College, PA Metropolitan Statistical Area	2	159	58	6 350	231 187	4 245	8 491	128 266	584 717	549 269	1 154 084	42 096
Statesboro, GA Micropolitan Statistical Area	1	51	13	2 348	68 997	1 881	3 439	47 530	182 838	305 394	481 804	18 499
Staunton-Waynesboro, VA Micropolitan Statistical Area	—	119	45	8 114	320 748	6 358	12 719	220 094	1 240 137	846 274	2 083 711	47 819
Stephenville, TX Micropolitan Statistical Area	—	41	10	1 636	50 959	1 192	2 249	28 445	194 646	121 756	311 918	15 570
Sterling, CO Micropolitan Statistical Area	—	18	3	e	D	D	D	D	D	D	D	D
Sterling, IL Micropolitan Statistical Area	1	100	38	4 550	163 207	3 437	6 934	108 249	415 400	351 411	770 112	28 083
Stevens Point, WI Micropolitan Statistical Area	—	81	30	4 778	174 394	3 936	7 754	124 161	542 866	608 710	1 145 750	33 787
Stillwater, OK Micropolitan Statistical Area	—	63	16	2 402	76 455	1 763	3 832	55 369	234 565	710 658	981 092	20 104
Stockton, CA Metropolitan Statistical Area	1	609	222	23 274	844 306	17 704	35 571	579 578	3 515 538	3 003 287	6 481 720	220 366
Storm Lake, IA Micropolitan Statistical Area	1	29	8	2 841	76 905	2 468	5 338	64 496	157 743	629 059	790 867	D
Sturgis, MI Micropolitan Statistical Area	—	157	70	8 977	386 645	6 919	14 613	274 681	1 294 691	1 068 653	2 341 397	100 110
Sulphur Springs, TX Micropolitan Statistical Area	—	43	15	1 550	51 299	1 217	2 535	33 763	349 591	292 552	642 693	13 776
Summerville, GA Micropolitan Statistical Area	6	22	9	3 869	104 941	3 360	7 221	84 221	320 027	361 563	714 938	21 552
Sumter, SC Metropolitan Statistical Area	—	77	37	10 353	323 890	8 897	17 746	248 775	989 934	802 770	1 775 964	52 331
Sweetwater, TX Micropolitan Statistical Area	—	13	7	834	27 661	691	1 524	20 665	116 951	55 180	171 246	4 981
Talladega-Sylacauga, AL Micropolitan Statistical Area	1	101	42	7 407	253 479	6 101	12 876	179 755	473 209	786 581	1 254 155	359 214
Tallahassee, FL Metropolitan Statistical Area	1	162	32	3 712	126 847	2 521	4 638	65 168	277 360	363 381	633 820	19 247
Tampa-St. Petersburg-Clearwater, FL Metropolitan Statistical Area ..	1	2 453	590	72 382	2 722 101	45 874	91 562	1 298 141	7 429 135	7 015 820	14 489 817	427 919
Taylorville, IL Micropolitan Statistical Area	—	24	11	2 002	68 905	1 565	3 558	49 617	192 861	192 939	376 928	6 771
Terre Haute, IN Metropolitan Statistical Area	1	193	69	10 940	440 756	8 482	17 441	309 986	1 866 597	1 551 091	3 412 332	159 427
Texarkana, TX-Texarkana, AR Metropolitan Statistical Area	1	95	29	5 902	255 903	4 494	8 650	185 461	838 509	756 682	1 580 621	35 143
Thomasville, GA Micropolitan Statistical Area	1	59	24	3 499	97 133	2 662	5 391	63 451	239 922	362 532	604 198	18 191
Tifton, GA Micropolitan Statistical Area	1	57	22	3 461	96 383	2 713	5 652	66 316	271 607	413 307	690 425	7 134
Toccoa, GA Micropolitan Statistical Area	1	57	24	2 944	85 788	2 319	4 690	55 860	238 648	277 070	514 148	14 916

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

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Geographic area	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)				
Topeka, KS Metropolitan Statistical Area	—	155	43	7 207	276 484	5 765	11 601	209 858	1 035 959	670 567	1 708 543	53 021
Traverse City, MI Micropolitan Statistical Area	—	271	71	6 937	240 543	4 876	9 580	141 208	624 822	555 378	1 176 694	41 517
Troy, AL Micropolitan Statistical Area	2	29	15	1 740	45 359	1 425	2 578	32 965	121 732	186 012	307 810	5 179
Tucson, AZ Metropolitan Statistical Area	1	748	169	29 393	1 463 831	14 448	27 783	448 775	3 937 005	2 812 557	6 832 629	162 644
Tullahoma, TN Micropolitan Statistical Area	—	119	56	8 013	269 234	6 343	13 243	186 165	1 481 959	1 018 910	2 494 681	75 668
Tupelo, MS Micropolitan Statistical Area	1	277	124	21 818	688 930	18 146	33 739	506 036	1 812 392	2 356 290	4 190 618	73 530
Tuscaloosa, AL Metropolitan Statistical Area	—	186	68	13 596	533 307	10 607	20 935	366 739	1 476 080	4 361 855	5 839 715	387 059
Twin Falls, ID Micropolitan Statistical Area	1	130	29	3 802	115 937	3 117	6 580	85 446	469 453	600 880	1 074 126	35 023
Ukiah, CA Micropolitan Statistical Area	1	152	41	3 314	103 725	2 348	4 318	63 819	311 764	391 079	738 344	21 609
Union City, TN-KY Micropolitan Statistical Area	1	51	26	8 008	285 275	6 881	13 681	228 119	693 491	711 290	1 407 291	51 864
Utica-Rome, NY Metropolitan Statistical Area	2	339	107	17 347	532 166	12 810	24 772	345 134	1 533 967	1 416 270	2 947 523	74 653
Uvalde, TX Micropolitan Statistical Area	1	21	2	438	8 521	325	510	4 406	21 373	25 361	46 718	2 295
Valdosta, GA Metropolitan Statistical Area	—	121	48	5 210	160 833	3 969	7 816	109 304	569 391	983 759	1 609 845	58 635
Van Wert, OH Micropolitan Statistical Area	—	46	19	3 790	117 103	3 180	6 322	89 767	323 026	417 887	736 248	16 152
Vernon, TX Micropolitan Statistical Area	—	9	2	892	28 161	719	980	20 496	113 709	169 642	282 623	4 935
Vero Beach, FL Metropolitan Statistical Area	2	100	19	2 408	78 267	1 370	2 441	49 312	184 361	182 663	331 121	7 107
Vicksburg, MS Micropolitan Statistical Area	—	50	25	4 716	146 460	4 041	7 654	111 331	473 124	824 349	1 299 675	28 774
Victoria, TX Metropolitan Statistical Area	—	101	21	5 712	302 381	3 998	8 720	198 500	452 323	3 553 370	3 988 404	121 890
Vincennes, IN Micropolitan Statistical Area	—	40	11	1 454	47 622	1 153	2 188	34 640	158 514	259 199	414 875	9 060
Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area	—	1 054	296	58 008	2 348 321	41 469	83 611	1 490 395	8 196 363	8 090 404	16 238 009	531 255
Visalia-Porterville, CA Metropolitan Statistical Area	2	293	91	11 340	371 658	8 765	16 938	246 744	1 262 113	2 524 807	3 763 077	74 981
Wabash, IN Micropolitan Statistical Area	—	76	32	5 239	186 028	4 074	8 188	123 786	427 423	417 648	844 964	22 870
Waco, TX Metropolitan Statistical Area	—	247	98	13 642	449 529	10 191	19 931	295 428	2 603 132	1 640 710	4 239 088	73 397
Walla Walla, WA Micropolitan Statistical Area	1	88	11	1 661	71 835	1 191	2 354	45 354	236 007	236 928	473 934	26 418
Walterboro, SC Micropolitan Statistical Area	—	33	12	1 340	37 545	1 098	2 290	26 656	103 723	73 944	183 199	D
Wapakoneta, OH Micropolitan Statistical Area	—	97	38	7 242	293 041	5 283	11 015	192 926	734 140	1 024 572	1 766 598	64 436
Warren, PA Micropolitan Statistical Area	—	78	26	3 871	133 504	2 730	5 284	82 072	395 007	802 732	1 192 556	16 555
Warsaw, IN Micropolitan Statistical Area	—	193	83	14 723	600 365	10 496	22 279	358 595	3 123 359	1 497 088	4 583 795	166 046
Washington, IN Micropolitan Statistical Area	—	58	13	1 903	45 236	1 639	3 337	33 148	142 280	255 777	395 358	13 080
Washington, NC Micropolitan Statistical Area	—	62	17	3 598	124 306	2 800	5 763	86 426	356 424	456 725	823 019	58 749
Waterloo-Cedar Falls, IA Metropolitan Statistical Area	—	210	86	14 921	579 260	11 217	23 781	378 990	2 206 286	2 653 736	4 873 727	140 114
Watertown, SD Micropolitan Statistical Area	2	78	25	3 090	96 365	2 254	4 564	62 550	222 514	243 154	461 904	8 274
Watertown-Fort Atkinson, WI Micropolitan Statistical Area	—	160	80	11 171	394 290	8 255	15 973	246 101	1 280 233	1 655 974	2 947 757	71 871
Watertown-Fort Drum, NY Micropolitan Statistical Area	2	89	26	2 916	109 059	2 092	3 944	66 346	263 750	331 217	595 221	21 209
Waycross, GA Micropolitan Statistical Area	3	50	20	1 891	49 332	1 429	2 442	28 005	123 627	116 161	240 270	6 586
Weirton-Stebenville, WV-OH Metropolitan Statistical Area	—	99	51	11 559	498 190	9 055	18 640	372 793	1 355 178	2 437 542	3 744 691	82 250
Wenatchee, WA Metropolitan Statistical Area	3	94	17	2 079	68 046	1 437	2 739	41 312	186 359	240 068	433 060	13 674

See footnotes at end of table.

Table 7. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.

[Includes data for establishments 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]

Geographic area	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)				
West Helena, AR Micropolitan Statistical Area	2	14	8	583	19 920	357	695	9 505	81 238	77 068	156 649	2 135
West Plains, MO Micropolitan Statistical Area	1	90	25	3 556	88 496	2 952	5 328	66 990	279 818	240 992	521 919	13 718
Wheeling, WV-OH Metropolitan Statistical Area	—	130	31	3 385	116 984	2 593	5 064	79 614	368 386	574 079	936 105	11 037
Whitewater, WI Micropolitan Statistical Area	—	219	82	10 381	382 716	7 227	14 416	210 811	1 303 832	992 608	2 319 170	62 976
Wichita Falls, TX Metropolitan Statistical Area	3	159	46	7 101	253 556	5 569	10 818	175 860	891 378	557 165	1 457 540	42 210
Willmar, MN Micropolitan Statistical Area	1	64	19	2 909	80 753	2 119	4 134	42 209	232 399	280 909	510 357	5 564
Wilmington, NC Metropolitan Statistical Area	2	313	69	9 551	416 103	6 827	13 796	274 748	1 347 496	1 292 386	2 684 211	59 776
Wilson, NC Micropolitan Statistical Area	—	95	43	8 861	330 225	6 875	14 755	224 286	4 710 766	1 113 389	5 825 580	104 761
Winona, MN Micropolitan Statistical Area	—	114	44	5 583	178 280	3 976	7 612	107 414	484 631	532 493	1 020 812	26 242
Wisconsin Rapids-Marshfield, WI Micropolitan Statistical Area	—	138	50	8 395	349 476	6 731	12 609	252 351	1 021 921	1 324 912	2 325 811	64 938
Woodward, OK Micropolitan Statistical Area	2	28	4	e	D	D	D	D	D	D	D	D
Wooster, OH Micropolitan Statistical Area	—	280	111	14 934	522 130	10 331	20 792	333 101	1 609 486	1 412 320	3 028 041	106 738
Worthington, MN Micropolitan Statistical Area	—	27	7	2 330	71 836	1 868	4 071	51 593	185 374	555 381	753 777	6 288
Yakima, WA Metropolitan Statistical Area	1	244	81	9 781	308 335	7 858	14 518	212 212	726 948	1 313 938	2 049 799	49 251
Yankton, SD Micropolitan Statistical Area	—	31	14	2 154	65 093	1 554	3 254	41 427	202 926	280 343	483 510	7 691
Yuba City-Marysville, CA Metropolitan Statistical Area	—	122	32	3 147	97 944	2 456	4 859	62 981	521 248	442 298	839 120	24 873
Yuma, AZ Metropolitan Statistical Area	1	80	14	2 850	78 882	2 499	4 580	60 793	206 649	389 395	602 610	16 369
Zanesville, OH Micropolitan Statistical Area	—	109	35	7 530	267 106	6 565	12 969	221 677	768 691	463 060	1 226 386	50 533

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.

³CSAs, MeSAs, MISAs, or MDs 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.

⁴Figures represent average number of production workers for the payroll period that includes the 12th of March, May, August, and November, plus other employees for the 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 8. Detailed Statistics by States: 2002

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

Item	Value
UNITED STATES	
Companies ¹	number.. 303 965
All establishments ²	number.. 350 828
Establishments with 1 to 19 employees	number.. 242 100
Establishments with 20 to 99 employees	number.. 77 543
Establishments with 100 employees or more	number.. 31 185
All employees ³	number.. 14 699 536
Total compensation	\$1,000.. 726 439 068
Annual payroll	\$1,000.. 576 170 541
Total fringe benefits	\$1,000.. 150 268 527
Production workers, average for year	number.. 10 343 449
Production workers on March 12	number.. 10 337 196
Production workers on May 12	number.. 10 397 248
Production workers on August 12	number.. 10 391 019
Production workers on November 12	number.. 10 226 608
Production worker hours	1,000.. 20 453 699
Production worker wages	\$1,000.. 336 967 174
Total cost of materials	\$1,000.. 2 025 061 815
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 787 761 978
Resales	\$1,000.. 119 801 798
Purchased fuels	\$1,000.. 31 797 950
Purchased electricity	\$1,000.. 38 910 038
Contract work	\$1,000.. 46 790 051
Quantity of electricity purchased for heat and power	1,000 kWh.. 814 887 870
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 91 150 805
Total value of shipments	\$1,000.. 3 916 136 712
Value added	\$1,000.. 1 887 792 650
Total inventories, beginning of year	\$1,000.. 418 649 229
Finished goods inventories	\$1,000.. 155 450 815
Work-in-process inventories	\$1,000.. 116 908 987
Materials and supplies inventories	\$1,000.. 146 292 048
Total inventories, end of year	\$1,000.. 412 502 037
Finished goods inventories	\$1,000.. 152 607 016
Work-in-process inventories	\$1,000.. 116 523 288
Materials and supplies inventories	\$1,000.. 143 374 003
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 694 004 215
Total capital expenditures (new and used)	\$1,000.. 125 536 189
Buildings and other structures (new and used)	\$1,000.. 22 434 675
Machinery and equipment (new and used)	\$1,000.. 103 101 514
Automobiles, trucks, etc., for highway use	\$1,000.. 3 375 707
Computers and peripheral data processing equipment	\$1,000.. 7 862 664
All other expenditures for machinery and equipment	\$1,000.. 91 863 143
Total retirements	\$1,000.. 78 924 375
Gross value of depreciable assets at end of year	\$1,000.. 1 740 616 029
Depreciation charges during year	\$1,000.. 112 890 321
Total rental payments	\$1,000.. 35 711 619
Buildings and other structures	\$1,000.. 19 756 138
Machinery and equipment	\$1,000.. 15 955 481
ALABAMA	
Companies ¹	number.. N
All establishments ²	number.. 5 119
Establishments with 1 to 19 employees	number.. 3 306
Establishments with 20 to 99 employees	number.. 1 166
Establishments with 100 employees or more	number.. 647
All employees ³	number.. 284 127
Total compensation	\$1,000.. 12 287 981
Annual payroll	\$1,000.. 9 744 347
Total fringe benefits	\$1,000.. 2 543 634
Production workers, average for year	number.. 220 348
Production workers on March 12	number.. 219 968
Production workers on May 12	number.. 221 426
Production workers on August 12	number.. 221 979
Production workers on November 12	number.. 217 620
Production worker hours	1,000.. 438 810
Production worker wages	\$1,000.. 6 650 500
Total cost of materials	\$1,000.. 38 362 679
Materials, parts, containers, packaging, etc., used	\$1,000.. 34 032 369
Resales	\$1,000.. 1 494 272
Purchased fuels	\$1,000.. 1 127 400
Purchased electricity	\$1,000.. 1 018 925
Contract work	\$1,000.. 689 713
Quantity of electricity purchased for heat and power	1,000 kWh.. 25 877 090
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 3 198 602
Total value of shipments	\$1,000.. 66 686 220
Value added	\$1,000.. 28 641 670
Total inventories, beginning of year	\$1,000.. 6 255 071
Finished goods inventories	\$1,000.. 2 525 553
Work-in-process inventories	\$1,000.. 1 448 132
Materials and supplies inventories	\$1,000.. 2 281 386
Total inventories, end of year	\$1,000.. 6 936 263
Finished goods inventories	\$1,000.. 2 740 405
Work-in-process inventories	\$1,000.. 1 538 965
Materials and supplies inventories	\$1,000.. 2 656 893

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
ALABAMA—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 36 467 840
Total capital expenditures (new and used)	\$1,000.. 3 070 882
Buildings and other structures (new and used)	\$1,000.. 531 421
Machinery and equipment (new and used)	\$1,000.. 2 539 461
Automobiles, trucks, etc., for highway use	\$1,000.. 68 294
Computers and peripheral data processing equipment	\$1,000.. 118 815
All other expenditures for machinery and equipment	\$1,000.. 2 352 352
Total retirements	\$1,000.. 1 386 276
Gross value of depreciable assets at end of year	\$1,000.. 38 152 446
Depreciation charges during year	\$1,000.. 2 304 353
Total rental payments	\$1,000.. 467 728
Buildings and other structures	\$1,000.. 198 135
Machinery and equipment	\$1,000.. 269 593
ALASKA	
Companies ¹	number.. N
All establishments ²	number.. 513
Establishments with 1 to 19 employees	number.. 412
Establishments with 20 to 99 employees	number.. 82
Establishments with 100 employees or more	number.. 19
All employees ³	number.. 10 909
Total compensation	\$1,000.. 434 371
Annual payroll	\$1,000.. 361 214
Total fringe benefits	\$1,000.. 73 157
Production workers, average for year	number.. 9 021
Production workers on March 12	number.. 8 990
Production workers on May 12	number.. 8 094
Production workers on August 12	number.. 12 366
Production workers on November 12	number.. 6 610
Production worker hours	1,000.. 18 109
Production worker wages	\$1,000.. 256 132
Total cost of materials	\$1,000.. 2 527 208
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 082 973
Resales	\$1,000.. 332 519
Purchased fuels	\$1,000.. 57 585
Purchased electricity	\$1,000.. 31 300
Contract work	\$1,000.. 22 831
Quantity of electricity purchased for heat and power	1,000 kWh.. 389 356
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 3 828 233
Value added	\$1,000.. 1 281 425
Total inventories, beginning of year	\$1,000.. 352 248
Finished goods inventories	\$1,000.. 229 072
Work-in-process inventories	\$1,000.. 45 973
Materials and supplies inventories	\$1,000.. 77 203
Total inventories, end of year	\$1,000.. 273 576
Finished goods inventories	\$1,000.. 175 168
Work-in-process inventories	\$1,000.. 35 897
Materials and supplies inventories	\$1,000.. 62 511
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 768 233
Total capital expenditures (new and used)	\$1,000.. 79 217
Buildings and other structures (new and used)	\$1,000.. 15 539
Machinery and equipment (new and used)	\$1,000.. 63 678
Automobiles, trucks, etc., for highway use	\$1,000.. 2 866
Computers and peripheral data processing equipment	\$1,000.. 3 266
All other expenditures for machinery and equipment	\$1,000.. 57 546
Total retirements	\$1,000.. 186 217
Gross value of depreciable assets at end of year	\$1,000.. 1 661 233
Depreciation charges during year	\$1,000.. 90 290
Total rental payments	\$1,000.. 31 404
Buildings and other structures	\$1,000.. 14 835
Machinery and equipment	\$1,000.. 16 569
ARIZONA	
Companies ¹	number.. N
All establishments ²	number.. 4 935
Establishments with 1 to 19 employees	number.. 3 647
Establishments with 20 to 99 employees	number.. 987
Establishments with 100 employees or more	number.. 301
All employees ³	number.. 168 155
Total compensation	\$1,000.. 8 939 718
Annual payroll	\$1,000.. 7 080 603
Total fringe benefits	\$1,000.. 1 859 115
Production workers, average for year	number.. 104 955
Production workers on March 12	number.. 105 602
Production workers on May 12	number.. 105 810
Production workers on August 12	number.. 104 834
Production workers on November 12	number.. 103 316
Production worker hours	1,000.. 206 084
Production worker wages	\$1,000.. 3 221 783
Total cost of materials	\$1,000.. 15 724 230
Materials, parts, containers, packaging, etc., used	\$1,000.. 14 026 610
Resales	\$1,000.. 785 653
Purchased fuels	\$1,000.. 129 934
Purchased electricity	\$1,000.. 340 329
Contract work	\$1,000.. 441 704
Quantity of electricity purchased for heat and power	1,000 kWh.. 5 796 029
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -40 568

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
ARIZONA—Con.	
Total value of shipments	\$1,000.. 41 910 739
Value added	\$1,000.. 25 976 992
Total inventories, beginning of year	\$1,000.. 4 981 372
Finished goods inventories	\$1,000.. 1 266 720
Work-in-process inventories	\$1,000.. 2 020 141
Materials and supplies inventories	\$1,000.. 1 694 511
Total inventories, end of year	\$1,000.. 4 496 821
Finished goods inventories	\$1,000.. 1 241 353
Work-in-process inventories	\$1,000.. 1 794 900
Materials and supplies inventories	\$1,000.. 1 460 568
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 17 803 231
Total capital expenditures (new and used)	\$1,000.. 977 257
Buildings and other structures (new and used)	\$1,000.. 167 858
Machinery and equipment (new and used)	\$1,000.. 809 399
Automobiles, trucks, etc., for highway use	\$1,000.. 32 908
Computers and peripheral data processing equipment	\$1,000.. 68 248
All other expenditures for machinery and equipment	\$1,000.. 708 243
Total retirements	\$1,000.. 1 129 339
Gross value of depreciable assets at end of year	\$1,000.. 17 651 149
Depreciation charges during year	\$1,000.. 1 336 901
Total rental payments	\$1,000.. 435 998
Buildings and other structures	\$1,000.. 248 739
Machinery and equipment	\$1,000.. 187 259
ARKANSAS	
Companies ¹	number.. N
All establishments ²	number.. 3 185
Establishments with 1 to 19 employees	number.. 2 091
Establishments with 20 to 99 employees	number.. 645
Establishments with 100 employees or more	number.. 449
All employees ³	number.. 210 394
Total compensation	\$1,000.. 8 010 135
Annual payroll	\$1,000.. 6 309 251
Total fringe benefits	\$1,000.. 1 700 884
Production workers, average for year	number.. 169 867
Production workers on March 12	number.. 170 424
Production workers on May 12	number.. 170 306
Production workers on August 12	number.. 170 526
Production workers on November 12	number.. 167 906
Production worker hours	\$1,000.. 334 390
Production worker wages	\$1,000.. 4 532 650
Total cost of materials	\$1,000.. 24 899 853
Materials, parts, containers, packaging, etc., used	\$1,000.. 22 296 673
Resales	\$1,000.. 1 241 563
Purchased fuels	\$1,000.. 483 252
Purchased electricity	\$1,000.. 566 774
Contract work	\$1,000.. 311 591
Quantity of electricity purchased for heat and power	1,000 kWh.. 14 382 869
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 263 335
Total value of shipments	\$1,000.. 46 723 576
Value added	\$1,000.. 21 967 578
Total inventories, beginning of year	\$1,000.. 4 950 958
Finished goods inventories	\$1,000.. 2 313 464
Work-in-process inventories	\$1,000.. 815 281
Materials and supplies inventories	\$1,000.. 1 822 213
Total inventories, end of year	\$1,000.. 5 178 629
Finished goods inventories	\$1,000.. 2 418 932
Work-in-process inventories	\$1,000.. 837 848
Materials and supplies inventories	\$1,000.. 1 921 849
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 21 675 337
Total capital expenditures (new and used)	\$1,000.. 1 209 902
Buildings and other structures (new and used)	\$1,000.. 189 444
Machinery and equipment (new and used)	\$1,000.. 1 020 458
Automobiles, trucks, etc., for highway use	\$1,000.. 31 146
Computers and peripheral data processing equipment	\$1,000.. 43 715
All other expenditures for machinery and equipment	\$1,000.. 945 597
Total retirements	\$1,000.. 1 042 070
Gross value of depreciable assets at end of year	\$1,000.. 21 843 169
Depreciation charges during year	\$1,000.. 1 437 962
Total rental payments	\$1,000.. 593 301
Buildings and other structures	\$1,000.. 411 747
Machinery and equipment	\$1,000.. 181 554
CALIFORNIA	
Companies ¹	number.. N
All establishments ²	number.. 48 473
Establishments with 1 to 19 employees	number.. 34 669
Establishments with 20 to 99 employees	number.. 10 578
Establishments with 100 employees or more	number.. 3 226
All employees ³	number.. 1 616 289
Total compensation	\$1,000.. 81 585 649
Annual payroll	\$1,000.. 66 408 969
Total fringe benefits	\$1,000.. 15 176 680
Production workers, average for year	number.. 1 029 843
Production workers on March 12	number.. 1 025 369
Production workers on May 12	number.. 1 034 052
Production workers on August 12	number.. 1 046 258
Production workers on November 12	number.. 1 011 699

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
CALIFORNIA—Con.	
Production worker hours	2 003 765
Production worker wages	31 379 284
Total cost of materials	180 964 133
Materials, parts, containers, packaging, etc., used	152 943 907
Resales	14 196 936
Purchased fuels	1 992 086
Purchased electricity	3 585 943
Contract work	8 245 261
Quantity of electricity purchased for heat and power	42 062 845
Quantity of electricity generated less sold for heat and power	4 325 603
Total value of shipments	378 454 294
Value added	197 361 037
Total inventories, beginning of year	53 439 497
Finished goods inventories	17 216 149
Work-in-process inventories	19 055 229
Materials and supplies inventories	17 168 119
Total inventories, end of year	52 568 947
Finished goods inventories	16 514 028
Work-in-process inventories	19 657 238
Materials and supplies inventories	16 397 681
Gross value of depreciable assets (acquisition costs) at beginning of year	139 380 884
Total capital expenditures (new and used)	16 269 614
Buildings and other structures (new and used)	5 427 212
Machinery and equipment (new and used)	10 842 402
Automobiles, trucks, etc., for highway use	432 507
Computers and peripheral data processing equipment	1 177 481
All other expenditures for machinery and equipment	9 232 414
Total retirements	8 962 801
Gross value of depreciable assets at end of year	146 687 697
Depreciation charges during year	10 201 492
Total rental payments	5 782 385
Buildings and other structures	3 681 069
Machinery and equipment	2 101 316
COLORADO	
Companies ¹	N
All establishments ²	5 349
Establishments with 1 to 19 employees	4 155
Establishments with 20 to 99 employees	927
Establishments with 100 employees or more	267
All employees ³	148 831
Total compensation	7 846 624
Annual payroll	6 323 772
Total fringe benefits	1 522 852
Production workers, average for year	94 984
Production workers on March 12	93 750
Production workers on May 12	96 327
Production workers on August 12	95 534
Production workers on November 12	94 047
Production worker hours	188 404
Production worker wages	3 249 630
Total cost of materials	16 695 548
Materials, parts, containers, packaging, etc., used	13 928 612
Resales	972 096
Purchased fuels	125 693
Purchased electricity	253 659
Contract work	1 415 488
Quantity of electricity purchased for heat and power	5 525 490
Quantity of electricity generated less sold for heat and power	D
Total value of shipments	34 661 204
Value added	17 798 122
Total inventories, beginning of year	4 157 220
Finished goods inventories	1 351 683
Work-in-process inventories	1 113 677
Materials and supplies inventories	1 691 860
Total inventories, end of year	3 918 257
Finished goods inventories	1 353 192
Work-in-process inventories	944 674
Materials and supplies inventories	1 620 391
Gross value of depreciable assets (acquisition costs) at beginning of year	16 381 706
Total capital expenditures (new and used)	1 975 737
Buildings and other structures (new and used)	525 832
Machinery and equipment (new and used)	1 449 905
Automobiles, trucks, etc., for highway use	38 719
Computers and peripheral data processing equipment	122 379
All other expenditures for machinery and equipment	1 288 807
Total retirements	773 083
Gross value of depreciable assets at end of year	17 584 360
Depreciation charges during year	1 338 488
Total rental payments	458 905
Buildings and other structures	298 896
Machinery and equipment	160 009

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
CONNECTICUT	
Companies ¹	number.. N
All establishments ²	number.. 5 383
Establishments with 1 to 19 employees	number.. 3 699
Establishments with 20 to 99 employees	number.. 1 275
Establishments with 100 employees or more	number.. 409
All employees ³	number.. 214 721
Total compensation	\$1,000.. 12 213 360
Annual payroll	\$1,000.. 9 872 570
Total fringe benefits	\$1,000.. 2 340 790
Production workers, average for year	number.. 125 765
Production workers on March 12	number.. 126 194
Production workers on May 12	number.. 127 216
Production workers on August 12	number.. 125 542
Production workers on November 12	number.. 123 742
Production worker hours	1,000.. 250 898
Production worker wages	\$1,000.. 4 525 584
Total cost of materials	\$1,000.. 16 985 191
Materials, parts, containers, packaging, etc., used	\$1,000.. 13 801 201
Resales	\$1,000.. 1 810 198
Purchased fuels	\$1,000.. 189 794
Purchased electricity	\$1,000.. 393 985
Contract work	\$1,000.. 790 013
Quantity of electricity purchased for heat and power	1,000 kWh.. 5 348 701
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 44 990 361
Value added	\$1,000.. 27 641 637
Total inventories, beginning of year	\$1,000.. 6 453 765
Finished goods inventories	\$1,000.. 2 652 009
Work-in-process inventories	\$1,000.. 1 881 600
Materials and supplies inventories	\$1,000.. 1 920 156
Total inventories, end of year	\$1,000.. 6 062 197
Finished goods inventories	\$1,000.. 2 425 907
Work-in-process inventories	\$1,000.. 1 744 445
Materials and supplies inventories	\$1,000.. 1 891 845
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 19 365 718
Total capital expenditures (new and used)	\$1,000.. 1 447 274
Buildings and other structures (new and used)	\$1,000.. 245 143
Machinery and equipment (new and used)	\$1,000.. 1 202 131
Automobiles, trucks, etc., for highway use	\$1,000.. 38 949
Computers and peripheral data processing equipment	\$1,000.. 115 997
All other expenditures for machinery and equipment	\$1,000.. 1 047 185
Total retirements	\$1,000.. 1 159 335
Gross value of depreciable assets at end of year	\$1,000.. 19 653 657
Depreciation charges during year	\$1,000.. 1 187 585
Total rental payments	\$1,000.. 530 732
Buildings and other structures	\$1,000.. 340 514
Machinery and equipment	\$1,000.. 190 218
DELAWARE	
Companies ¹	number.. N
All establishments ²	number.. 705
Establishments with 1 to 19 employees	number.. 474
Establishments with 20 to 99 employees	number.. 158
Establishments with 100 employees or more	number.. 73
All employees ³	number.. 37 287
Total compensation	\$1,000.. 2 042 826
Annual payroll	\$1,000.. 1 564 801
Total fringe benefits	\$1,000.. 478 025
Production workers, average for year	number.. 26 216
Production workers on March 12	number.. 26 209
Production workers on May 12	number.. 26 297
Production workers on August 12	number.. 26 393
Production workers on November 12	number.. 25 932
Production worker hours	1,000.. 51 260
Production worker wages	\$1,000.. 937 698
Total cost of materials	\$1,000.. 11 207 382
Materials, parts, containers, packaging, etc., used	\$1,000.. 9 904 885
Resales	\$1,000.. 910 495
Purchased fuels	\$1,000.. 105 034
Purchased electricity	\$1,000.. 139 405
Contract work	\$1,000.. 147 563
Quantity of electricity purchased for heat and power	1,000 kWh.. 3 217 953
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 16 417 927
Value added	\$1,000.. 5 063 899
Total inventories, beginning of year	\$1,000.. 1 859 279
Finished goods inventories	\$1,000.. 1 026 544
Work-in-process inventories	\$1,000.. 475 399
Materials and supplies inventories	\$1,000.. 357 336
Total inventories, end of year	\$1,000.. 1 668 839
Finished goods inventories	\$1,000.. 803 721
Work-in-process inventories	\$1,000.. 556 594
Materials and supplies inventories	\$1,000.. 308 524

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
DELAWARE—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 7 073 979
Total capital expenditures (new and used)	\$1,000.. 481 872
Buildings and other structures (new and used)	\$1,000.. 89 565
Machinery and equipment (new and used)	\$1,000.. 392 307
Automobiles, trucks, etc., for highway use	\$1,000.. 8 014
Computers and peripheral data processing equipment	\$1,000.. 31 427
All other expenditures for machinery and equipment	\$1,000.. 352 866
Total retirements	\$1,000.. 448 815
Gross value of depreciable assets at end of year	\$1,000.. 7 107 036
Depreciation charges during year	\$1,000.. 468 541
Total rental payments	\$1,000.. 98 737
Buildings and other structures	\$1,000.. 62 154
Machinery and equipment	\$1,000.. 36 583
DISTRICT OF COLUMBIA	
Companies ¹	number.. N
All establishments ²	number.. 146
Establishments with 1 to 19 employees	number.. 124
Establishments with 20 to 99 employees	number.. 20
Establishments with 100 employees or more	number.. 2
All employees ³	number.. 2 021
Total compensation	\$1,000.. 89 654
Annual payroll	\$1,000.. 76 126
Total fringe benefits	\$1,000.. 13 528
Production workers, average for year	number.. 1 133
Production workers on March 12	number.. 1 137
Production workers on May 12	number.. 1 147
Production workers on August 12	number.. 1 122
Production workers on November 12	number.. 1 115
Production worker hours	1,000.. 2 227
Production worker wages	\$1,000.. 39 514
Total cost of materials	\$1,000.. 83 610
Materials, parts, containers, packaging, etc., used	\$1,000.. 61 829
Resales	\$1,000.. 11 909
Purchased fuels	\$1,000.. 1 123
Purchased electricity	\$1,000.. 1 457
Contract work	\$1,000.. 7 292
Quantity of electricity purchased for heat and power	1,000 kWh.. 20 036
Quantity of electricity generated less sold for heat and power	1,000 kWh.. —
Total value of shipments	\$1,000.. 246 237
Value added	\$1,000.. 163 118
Total inventories, beginning of year	\$1,000.. 10 426
Finished goods inventories	\$1,000.. 3 388
Work-in-process inventories	\$1,000.. 2 227
Materials and supplies inventories	\$1,000.. 4 811
Total inventories, end of year	\$1,000.. 10 812
Finished goods inventories	\$1,000.. 3 979
Work-in-process inventories	\$1,000.. 2 127
Materials and supplies inventories	\$1,000.. 4 706
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 77 300
Total capital expenditures (new and used)	\$1,000.. 13 331
Buildings and other structures (new and used)	\$1,000.. 540
Machinery and equipment (new and used)	\$1,000.. 12 791
Automobiles, trucks, etc., for highway use	\$1,000.. 389
Computers and peripheral data processing equipment	\$1,000.. 3 644
All other expenditures for machinery and equipment	\$1,000.. 8 758
Total retirements	\$1,000.. 16 342
Gross value of depreciable assets at end of year	\$1,000.. 74 289
Depreciation charges during year	\$1,000.. 5 920
Total rental payments	\$1,000.. 10 168
Buildings and other structures	\$1,000.. 5 719
Machinery and equipment	\$1,000.. 4 449
FLORIDA	
Companies ¹	number.. N
All establishments ²	number.. 15 201
Establishments with 1 to 19 employees	number.. 12 010
Establishments with 20 to 99 employees	number.. 2 425
Establishments with 100 employees or more	number.. 766
All employees ³	number.. 377 092
Total compensation	\$1,000.. 17 398 753
Annual payroll	\$1,000.. 14 079 987
Total fringe benefits	\$1,000.. 3 318 766
Production workers, average for year	number.. 245 199
Production workers on March 12	number.. 246 220
Production workers on May 12	number.. 246 864
Production workers on August 12	number.. 244 178
Production workers on November 12	number.. 242 976
Production worker hours	1,000.. 482 262
Production worker wages	\$1,000.. 6 955 821
Total cost of materials	\$1,000.. 36 523 830
Materials, parts, containers, packaging, etc., used	\$1,000.. 31 373 797
Resales	\$1,000.. 2 360 510
Purchased fuels	\$1,000.. 557 096
Purchased electricity	\$1,000.. 662 614
Contract work	\$1,000.. 1 569 813
Quantity of electricity purchased for heat and power	1,000 kWh.. 11 504 983
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 4 824 256

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
FLORIDA—Con.	
Total value of shipments	\$1,000.. 78 463 816
Value added	\$1,000.. 41 906 290
Total inventories, beginning of year	\$1,000.. 9 168 769
Finished goods inventories	\$1,000.. 3 672 235
Work-in-process inventories	\$1,000.. 2 118 235
Materials and supplies inventories	\$1,000.. 3 378 299
Total inventories, end of year	\$1,000.. 9 415 779
Finished goods inventories	\$1,000.. 3 610 280
Work-in-process inventories	\$1,000.. 2 219 171
Materials and supplies inventories	\$1,000.. 3 586 328
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 33 346 328
Total capital expenditures (new and used)	\$1,000.. 2 464 885
Buildings and other structures (new and used)	\$1,000.. 418 943
Machinery and equipment (new and used)	\$1,000.. 2 045 942
Automobiles, trucks, etc., for highway use	\$1,000.. 99 148
Computers and peripheral data processing equipment	\$1,000.. 169 439
All other expenditures for machinery and equipment	\$1,000.. 1 777 355
Total retirements	\$1,000.. 1 428 192
Gross value of depreciable assets at end of year	\$1,000.. 34 383 021
Depreciation charges during year	\$1,000.. 2 317 109
Total rental payments	\$1,000.. 1 033 925
Buildings and other structures	\$1,000.. 554 299
Machinery and equipment	\$1,000.. 479 626
GEORGIA	
Companies ¹	number.. N
All establishments ²	number.. 8 805
Establishments with 1 to 19 employees	number.. 5 771
Establishments with 20 to 99 employees	number.. 1 974
Establishments with 100 employees or more	number.. 1 060
All employees ³	number.. 452 834
Total compensation	\$1,000.. 19 682 275
Annual payroll	\$1,000.. 15 720 820
Total fringe benefits	\$1,000.. 3 961 455
Production workers, average for year	number.. 345 929
Production workers on March 12	number.. 347 479
Production workers on May 12	number.. 349 958
Production workers on August 12	number.. 343 853
Production workers on November 12	number.. 341 769
Production worker hours	\$1,000.. 694 032
Production worker wages	\$1,000.. 10 258 090
Total cost of materials	\$1,000.. 65 788 386
Materials, parts, containers, packaging, etc., used	\$1,000.. 59 370 277
Resales	\$1,000.. 3 596 798
Purchased fuels	\$1,000.. 870 613
Purchased electricity	\$1,000.. 1 180 854
Contract work	\$1,000.. 769 844
Quantity of electricity purchased for heat and power	1,000 kWh.. 26 910 214
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 5 215 471
Total value of shipments	\$1,000.. 126 166 158
Value added	\$1,000.. 59 661 014
Total inventories, beginning of year	\$1,000.. 13 681 183
Finished goods inventories	\$1,000.. 4 995 807
Work-in-process inventories	\$1,000.. 3 367 650
Materials and supplies inventories	\$1,000.. 5 317 726
Total inventories, end of year	\$1,000.. 12 428 809
Finished goods inventories	\$1,000.. 4 460 438
Work-in-process inventories	\$1,000.. 3 201 957
Materials and supplies inventories	\$1,000.. 4 766 414
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 51 068 116
Total capital expenditures (new and used)	\$1,000.. 3 212 978
Buildings and other structures (new and used)	\$1,000.. 582 788
Machinery and equipment (new and used)	\$1,000.. 2 630 190
Automobiles, trucks, etc., for highway use	\$1,000.. 87 197
Computers and peripheral data processing equipment	\$1,000.. 154 612
All other expenditures for machinery and equipment	\$1,000.. 2 388 381
Total retirements	\$1,000.. 1 943 393
Gross value of depreciable assets at end of year	\$1,000.. 52 337 701
Depreciation charges during year	\$1,000.. 3 284 025
Total rental payments	\$1,000.. 830 834
Buildings and other structures	\$1,000.. 421 163
Machinery and equipment	\$1,000.. 409 671
HAWAII	
Companies ¹	number.. N
All establishments ²	number.. 929
Establishments with 1 to 19 employees	number.. 772
Establishments with 20 to 99 employees	number.. 135
Establishments with 100 employees or more	number.. 22
All employees ³	number.. 13 200
Total compensation	\$1,000.. 512 860
Annual payroll	\$1,000.. 421 269
Total fringe benefits	\$1,000.. 91 591
Production workers, average for year	number.. 8 865
Production workers on March 12	number.. 8 858
Production workers on May 12	number.. 8 830
Production workers on August 12	number.. 8 880
Production workers on November 12	number.. 8 859

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
HAWAII—Con.	
Production worker hours	1,000.. 16 837
Production worker wages	\$1,000.. 254 713
Total cost of materials	\$1,000.. 2 246 539
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 904 259
Resales	\$1,000.. 246 016
Purchased fuels	\$1,000.. 41 001
Purchased electricity	\$1,000.. 21 969
Contract work	\$1,000.. 33 294
Quantity of electricity purchased for heat and power	1,000 kWh.. 204 563
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 356 114
Total value of shipments	\$1,000.. 3 460 199
Value added	\$1,000.. 1 217 728
Total inventories, beginning of year	\$1,000.. 366 172
Finished goods inventories	\$1,000.. 195 042
Work-in-process inventories	\$1,000.. 74 346
Materials and supplies inventories	\$1,000.. 96 784
Total inventories, end of year	\$1,000.. 370 990
Finished goods inventories	\$1,000.. 237 652
Work-in-process inventories	\$1,000.. 31 358
Materials and supplies inventories	\$1,000.. 101 980
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 1 386 417
Total capital expenditures (new and used)	\$1,000.. 82 960
Buildings and other structures (new and used)	\$1,000.. 13 569
Machinery and equipment (new and used)	\$1,000.. 69 391
Automobiles, trucks, etc., for highway use	\$1,000.. 5 399
Computers and peripheral data processing equipment	\$1,000.. 4 080
All other expenditures for machinery and equipment	\$1,000.. 59 912
Total retirements	\$1,000.. 33 527
Gross value of depreciable assets at end of year	\$1,000.. 1 435 850
Depreciation charges during year	\$1,000.. 76 908
Total rental payments	\$1,000.. 51 216
Buildings and other structures	\$1,000.. 36 161
Machinery and equipment	\$1,000.. 15 055
IDAHO	
Companies ¹	number.. N
All establishments ²	number.. 1 814
Establishments with 1 to 19 employees	number.. 1 399
Establishments with 20 to 99 employees	number.. 301
Establishments with 100 employees or more	number.. 114
All employees ³	number.. 61 538
Total compensation	\$1,000.. 2 696 713
Annual payroll	\$1,000.. 2 192 645
Total fringe benefits	\$1,000.. 504 068
Production workers, average for year	number.. 47 107
Production workers on March 12	number.. 46 871
Production workers on May 12	number.. 46 325
Production workers on August 12	number.. 47 389
Production workers on November 12	number.. 47 751
Production worker hours	1,000.. 91 263
Production worker wages	\$1,000.. 1 437 227
Total cost of materials	\$1,000.. 7 743 998
Materials, parts, containers, packaging, etc., used	\$1,000.. 6 888 535
Resales	\$1,000.. 232 499
Purchased fuels	\$1,000.. 188 045
Purchased electricity	\$1,000.. 220 347
Contract work	\$1,000.. 214 572
Quantity of electricity purchased for heat and power	1,000 kWh.. 4 922 987
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 15 174 196
Value added	\$1,000.. 7 440 111
Total inventories, beginning of year	\$1,000.. 1 916 127
Finished goods inventories	\$1,000.. 788 348
Work-in-process inventories	\$1,000.. 416 617
Materials and supplies inventories	\$1,000.. 711 162
Total inventories, end of year	\$1,000.. 1 903 375
Finished goods inventories	\$1,000.. 757 775
Work-in-process inventories	\$1,000.. 457 735
Materials and supplies inventories	\$1,000.. 687 865
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 9 844 295
Total capital expenditures (new and used)	\$1,000.. 1 243 409
Buildings and other structures (new and used)	\$1,000.. 133 049
Machinery and equipment (new and used)	\$1,000.. 1 110 360
Automobiles, trucks, etc., for highway use	\$1,000.. 16 793
Computers and peripheral data processing equipment	\$1,000.. 59 567
All other expenditures for machinery and equipment	\$1,000.. 1 034 000
Total retirements	\$1,000.. 506 179
Gross value of depreciable assets at end of year	\$1,000.. 10 581 525
Depreciation charges during year	\$1,000.. 950 954
Total rental payments	\$1,000.. 118 653
Buildings and other structures	\$1,000.. 66 654
Machinery and equipment	\$1,000.. 51 999

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
ILLINOIS	
Companies ¹	number.. N
All establishments ²	number.. 16 859
Establishments with 1 to 19 employees	number.. 10 938
Establishments with 20 to 99 employees	number.. 4 250
Establishments with 100 employees or more	number.. 1 671
All employees ³	number.. 741 754
Total compensation	\$1,000.. 37 670 107
Annual payroll	\$1,000.. 29 838 276
Total fringe benefits	\$1,000.. 7 831 831
Production workers, average for year	number.. 511 110
Production workers on March 12	number.. 510 928
Production workers on May 12	number.. 516 057
Production workers on August 12	number.. 512 898
Production workers on November 12	number.. 503 473
Production worker hours	1,000.. 1 027 120
Production worker wages	\$1,000.. 16 999 050
Total cost of materials	\$1,000.. 96 045 539
Materials, parts, containers, packaging, etc., used	\$1,000.. 83 682 610
Resales	\$1,000.. 7 451 908
Purchased fuels	\$1,000.. 1 250 330
Purchased electricity	\$1,000.. 1 691 858
Contract work	\$1,000.. 1 968 833
Quantity of electricity purchased for heat and power	1,000 kWh.. 31 865 677
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 984 070
Total value of shipments	\$1,000.. 188 222 486
Value added	\$1,000.. 91 689 661
Total inventories, beginning of year	\$1,000.. 19 697 795
Finished goods inventories	\$1,000.. 8 581 008
Work-in-process inventories	\$1,000.. 4 409 948
Materials and supplies inventories	\$1,000.. 6 706 839
Total inventories, end of year	\$1,000.. 19 070 002
Finished goods inventories	\$1,000.. 8 185 232
Work-in-process inventories	\$1,000.. 4 305 176
Materials and supplies inventories	\$1,000.. 6 579 594
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 81 574 635
Total capital expenditures (new and used)	\$1,000.. 5 960 080
Buildings and other structures (new and used)	\$1,000.. 1 079 410
Machinery and equipment (new and used)	\$1,000.. 4 880 670
Automobiles, trucks, etc., for highway use	\$1,000.. 212 576
Computers and peripheral data processing equipment	\$1,000.. 375 011
All other expenditures for machinery and equipment	\$1,000.. 4 293 083
Total retirements	\$1,000.. 3 699 442
Gross value of depreciable assets at end of year	\$1,000.. 83 835 273
Depreciation charges during year	\$1,000.. 5 623 659
Total rental payments	\$1,000.. 1 859 538
Buildings and other structures	\$1,000.. 1 098 131
Machinery and equipment	\$1,000.. 761 407
INDIANA	
Companies ¹	number.. N
All establishments ²	number.. 9 223
Establishments with 1 to 19 employees	number.. 5 556
Establishments with 20 to 99 employees	number.. 2 480
Establishments with 100 employees or more	number.. 1 187
All employees ³	number.. 565 559
Total compensation	\$1,000.. 29 480 091
Annual payroll	\$1,000.. 22 852 682
Total fringe benefits	\$1,000.. 6 627 409
Production workers, average for year	number.. 426 331
Production workers on March 12	number.. 423 694
Production workers on May 12	number.. 428 309
Production workers on August 12	number.. 428 722
Production workers on November 12	number.. 423 848
Production worker hours	1,000.. 854 927
Production worker wages	\$1,000.. 15 437 870
Total cost of materials	\$1,000.. 82 850 352
Materials, parts, containers, packaging, etc., used	\$1,000.. 75 088 398
Resales	\$1,000.. 3 405 317
Purchased fuels	\$1,000.. 1 094 555
Purchased electricity	\$1,000.. 1 577 059
Contract work	\$1,000.. 1 685 023
Quantity of electricity purchased for heat and power	1,000 kWh.. 38 519 637
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 656 904
Total value of shipments	\$1,000.. 160 924 309
Value added	\$1,000.. 78 023 938
Total inventories, beginning of year	\$1,000.. 14 148 687
Finished goods inventories	\$1,000.. 5 296 216
Work-in-process inventories	\$1,000.. 3 348 502
Materials and supplies inventories	\$1,000.. 5 504 161
Total inventories, end of year	\$1,000.. 14 187 051
Finished goods inventories	\$1,000.. 5 263 285
Work-in-process inventories	\$1,000.. 3 333 624
Materials and supplies inventories	\$1,000.. 5 590 339

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
INDIANA—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 71 327 991
Total capital expenditures (new and used)	\$1,000.. 5 617 894
Buildings and other structures (new and used)	\$1,000.. 772 136
Machinery and equipment (new and used)	\$1,000.. 4 845 758
Automobiles, trucks, etc., for highway use	\$1,000.. 96 642
Computers and peripheral data processing equipment	\$1,000.. 245 011
All other expenditures for machinery and equipment	\$1,000.. 4 504 105
Total retirements	\$1,000.. 4 430 602
Gross value of depreciable assets at end of year	\$1,000.. 72 515 283
Depreciation charges during year	\$1,000.. 4 569 579
Total rental payments	\$1,000.. 1 040 802
Buildings and other structures	\$1,000.. 493 600
Machinery and equipment	\$1,000.. 547 202
IOWA	
Companies ¹	number.. N
All establishments ²	number.. 3 804
Establishments with 1 to 19 employees	number.. 2 465
Establishments with 20 to 99 employees	number.. 887
Establishments with 100 employees or more	number.. 452
All employees ³	number.. 222 968
Total compensation	\$1,000.. 10 551 987
Annual payroll	\$1,000.. 8 125 864
Total fringe benefits	\$1,000.. 2 426 123
Production workers, average for year	number.. 163 122
Production workers on March 12	number.. 163 410
Production workers on May 12	number.. 162 488
Production workers on August 12	number.. 164 370
Production workers on November 12	number.. 161 882
Production worker hours	1,000.. 322 354
Production worker wages	\$1,000.. 5 108 312
Total cost of materials	\$1,000.. 33 504 006
Materials, parts, containers, packaging, etc., used	\$1,000.. 28 817 079
Resales	\$1,000.. 3 186 801
Purchased fuels	\$1,000.. 593 884
Purchased electricity	\$1,000.. 531 224
Contract work	\$1,000.. 375 018
Quantity of electricity purchased for heat and power	1,000 kWh.. 12 812 589
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 110 124
Total value of shipments	\$1,000.. 65 042 043
Value added	\$1,000.. 31 394 257
Total inventories, beginning of year	\$1,000.. 5 563 081
Finished goods inventories	\$1,000.. 2 117 223
Work-in-process inventories	\$1,000.. 1 269 491
Materials and supplies inventories	\$1,000.. 2 176 367
Total inventories, end of year	\$1,000.. 5 168 430
Finished goods inventories	\$1,000.. 2 163 101
Work-in-process inventories	\$1,000.. 1 077 158
Materials and supplies inventories	\$1,000.. 1 928 171
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 25 041 350
Total capital expenditures (new and used)	\$1,000.. 1 705 013
Buildings and other structures (new and used)	\$1,000.. 266 207
Machinery and equipment (new and used)	\$1,000.. 1 438 806
Automobiles, trucks, etc., for highway use	\$1,000.. 41 873
Computers and peripheral data processing equipment	\$1,000.. 144 734
All other expenditures for machinery and equipment	\$1,000.. 1 252 199
Total retirements	\$1,000.. 750 410
Gross value of depreciable assets at end of year	\$1,000.. 25 995 953
Depreciation charges during year	\$1,000.. 1 653 783
Total rental payments	\$1,000.. 437 556
Buildings and other structures	\$1,000.. 232 780
Machinery and equipment	\$1,000.. 204 776
KANSAS	
Companies ¹	number.. N
All establishments ²	number.. 3 218
Establishments with 1 to 19 employees	number.. 2 155
Establishments with 20 to 99 employees	number.. 749
Establishments with 100 employees or more	number.. 314
All employees ³	number.. 177 825
Total compensation	\$1,000.. 8 857 719
Annual payroll	\$1,000.. 6 877 335
Total fringe benefits	\$1,000.. 1 980 384
Production workers, average for year	number.. 126 919
Production workers on March 12	number.. 127 386
Production workers on May 12	number.. 127 641
Production workers on August 12	number.. 126 763
Production workers on November 12	number.. 125 584
Production worker hours	1,000.. 258 130
Production worker wages	\$1,000.. 4 160 548
Total cost of materials	\$1,000.. 29 159 921
Materials, parts, containers, packaging, etc., used	\$1,000.. 26 702 506
Resales	\$1,000.. 1 293 821
Purchased fuels	\$1,000.. 321 030
Purchased electricity	\$1,000.. 400 454
Contract work	\$1,000.. 442 110
Quantity of electricity purchased for heat and power	1,000 kWh.. 8 974 044
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
KANSAS—Con.	
Total value of shipments	\$1,000.. 50 897 796
Value added	\$1,000.. 21 347 336
Total inventories, beginning of year	\$1,000.. 8 088 799
Finished goods inventories	\$1,000.. 2 170 643
Work-in-process inventories	\$1,000.. 3 683 986
Materials and supplies inventories	\$1,000.. 2 234 170
Total inventories, end of year	\$1,000.. 7 637 416
Finished goods inventories	\$1,000.. 2 055 628
Work-in-process inventories	\$1,000.. 3 412 893
Materials and supplies inventories	\$1,000.. 2 168 895
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 16 450 604
Total capital expenditures (new and used)	\$1,000.. 1 281 375
Buildings and other structures (new and used)	\$1,000.. 214 155
Machinery and equipment (new and used)	\$1,000.. 1 067 220
Automobiles, trucks, etc., for highway use	\$1,000.. 36 737
Computers and peripheral data processing equipment	\$1,000.. 91 748
All other expenditures for machinery and equipment	\$1,000.. 938 735
Total retirements	\$1,000.. 686 798
Gross value of depreciable assets at end of year	\$1,000.. 17 045 181
Depreciation charges during year	\$1,000.. 1 127 527
Total rental payments	\$1,000.. 304 571
Buildings and other structures	\$1,000.. 140 343
Machinery and equipment	\$1,000.. 164 228
KENTUCKY	
Companies ¹	number.. N
All establishments ²	number.. 4 283
Establishments with 1 to 19 employees	number.. 2 614
Establishments with 20 to 99 employees	number.. 1 044
Establishments with 100 employees or more	number.. 625
All employees ³	number.. 263 202
Total compensation	\$1,000.. 13 075 930
Annual payroll	\$1,000.. 10 077 029
Total fringe benefits	\$1,000.. 2 998 901
Production workers, average for year	number.. 201 584
Production workers on March 12	number.. 201 747
Production workers on May 12	number.. 202 540
Production workers on August 12	number.. 201 261
Production workers on November 12	number.. 200 421
Production worker hours	\$1,000.. 403 166
Production worker wages	\$1,000.. 6 853 829
Total cost of materials	\$1,000.. 54 416 995
Materials, parts, containers, packaging, etc., used	\$1,000.. 49 440 447
Resales	\$1,000.. 2 540 956
Purchased fuels	\$1,000.. 571 009
Purchased electricity	\$1,000.. 1 233 532
Contract work	\$1,000.. 631 051
Quantity of electricity purchased for heat and power	1,000 kWh.. 38 983 352
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -216 046
Total value of shipments	\$1,000.. 88 513 497
Value added	\$1,000.. 34 075 367
Total inventories, beginning of year	\$1,000.. 7 660 872
Finished goods inventories	\$1,000.. 3 104 067
Work-in-process inventories	\$1,000.. 1 681 056
Materials and supplies inventories	\$1,000.. 2 875 749
Total inventories, end of year	\$1,000.. 7 588 505
Finished goods inventories	\$1,000.. 3 087 138
Work-in-process inventories	\$1,000.. 1 668 649
Materials and supplies inventories	\$1,000.. 2 832 718
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 34 248 427
Total capital expenditures (new and used)	\$1,000.. 2 562 414
Buildings and other structures (new and used)	\$1,000.. 367 824
Machinery and equipment (new and used)	\$1,000.. 2 194 590
Automobiles, trucks, etc., for highway use	\$1,000.. 42 047
Computers and peripheral data processing equipment	\$1,000.. 100 243
All other expenditures for machinery and equipment	\$1,000.. 2 052 300
Total retirements	\$1,000.. 1 471 772
Gross value of depreciable assets at end of year	\$1,000.. 35 339 069
Depreciation charges during year	\$1,000.. 2 239 372
Total rental payments	\$1,000.. 543 204
Buildings and other structures	\$1,000.. 242 080
Machinery and equipment	\$1,000.. 301 124
LOUISIANA	
Companies ¹	number.. N
All establishments ²	number.. 3 523
Establishments with 1 to 19 employees	number.. 2 434
Establishments with 20 to 99 employees	number.. 782
Establishments with 100 employees or more	number.. 307
All employees ³	number.. 150 360
Total compensation	\$1,000.. 8 089 344
Annual payroll	\$1,000.. 6 425 628
Total fringe benefits	\$1,000.. 1 663 716
Production workers, average for year	number.. 109 193
Production workers on March 12	number.. 107 412
Production workers on May 12	number.. 109 354
Production workers on August 12	number.. 109 730
Production workers on November 12	number.. 110 061

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
LOUISIANA—Con.	
Production worker hours	1,000.. 220 425
Production worker wages	\$1,000.. 4 177 885
Total cost of materials	\$1,000.. 61 351 248
Materials, parts, containers, packaging, etc., used	\$1,000.. 54 260 640
Resales	\$1,000.. 2 528 669
Purchased fuels	\$1,000.. 2 366 733
Purchased electricity	\$1,000.. 1 237 016
Contract work	\$1,000.. 958 190
Quantity of electricity purchased for heat and power	1,000 kWh.. 26 928 254
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 16 694 067
Total value of shipments	\$1,000.. 89 545 364
Value added	\$1,000.. 28 416 911
Total inventories, beginning of year	\$1,000.. 6 194 055
Finished goods inventories	\$1,000.. 3 019 796
Work-in-process inventories	\$1,000.. 1 234 799
Materials and supplies inventories	\$1,000.. 1 939 460
Total inventories, end of year	\$1,000.. 6 425 748
Finished goods inventories	\$1,000.. 3 066 072
Work-in-process inventories	\$1,000.. 1 369 343
Materials and supplies inventories	\$1,000.. 1 990 333
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 56 186 890
Total capital expenditures (new and used)	\$1,000.. 3 488 244
Buildings and other structures (new and used)	\$1,000.. 333 096
Machinery and equipment (new and used)	\$1,000.. 3 155 148
Automobiles, trucks, etc., for highway use	\$1,000.. 38 821
Computers and peripheral data processing equipment	\$1,000.. 74 758
All other expenditures for machinery and equipment	\$1,000.. 3 041 569
Total retirements	\$1,000.. 859 455
Gross value of depreciable assets at end of year	\$1,000.. 58 815 679
Depreciation charges during year	\$1,000.. 3 356 748
Total rental payments	\$1,000.. 417 792
Buildings and other structures	\$1,000.. 141 308
Machinery and equipment	\$1,000.. 276 484
MAINE	
Companies ¹	number.. N
All establishments ²	number.. 1 880
Establishments with 1 to 19 employees	number.. 1 411
Establishments with 20 to 99 employees	number.. 331
Establishments with 100 employees or more	number.. 138
All employees ³	number.. 67 738
Total compensation	\$1,000.. 3 342 411
Annual payroll	\$1,000.. 2 627 814
Total fringe benefits	\$1,000.. 714 597
Production workers, average for year	number.. 49 524
Production workers on March 12	number.. 49 007
Production workers on May 12	number.. 49 970
Production workers on August 12	number.. 49 446
Production workers on November 12	number.. 49 576
Production worker hours	1,000.. 96 082
Production worker wages	\$1,000.. 1 720 895
Total cost of materials	\$1,000.. 6 614 723
Materials, parts, containers, packaging, etc., used	\$1,000.. 5 506 992
Resales	\$1,000.. 398 233
Purchased fuels	\$1,000.. 182 263
Purchased electricity	\$1,000.. 313 756
Contract work	\$1,000.. 213 479
Quantity of electricity purchased for heat and power	1,000 kWh.. 4 517 135
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 217 679
Total value of shipments	\$1,000.. 13 851 915
Value added	\$1,000.. 7 122 274
Total inventories, beginning of year	\$1,000.. 1 680 626
Finished goods inventories	\$1,000.. 647 689
Work-in-process inventories	\$1,000.. 495 476
Materials and supplies inventories	\$1,000.. 537 461
Total inventories, end of year	\$1,000.. 1 656 726
Finished goods inventories	\$1,000.. 627 401
Work-in-process inventories	\$1,000.. 468 054
Materials and supplies inventories	\$1,000.. 561 271
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 10 105 966
Total capital expenditures (new and used)	\$1,000.. 543 895
Buildings and other structures (new and used)	\$1,000.. 65 095
Machinery and equipment (new and used)	\$1,000.. 478 800
Automobiles, trucks, etc., for highway use	\$1,000.. 12 261
Computers and peripheral data processing equipment	\$1,000.. 32 817
All other expenditures for machinery and equipment	\$1,000.. 433 722
Total retirements	\$1,000.. 316 295
Gross value of depreciable assets at end of year	\$1,000.. 10 333 566
Depreciation charges during year	\$1,000.. 592 733
Total rental payments	\$1,000.. 146 567
Buildings and other structures	\$1,000.. 72 621
Machinery and equipment	\$1,000.. 73 946

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
MARYLAND	
Companies ¹	number.. N
All establishments ²	number.. 3 999
Establishments with 1 to 19 employees	number.. 2 822
Establishments with 20 to 99 employees	number.. 846
Establishments with 100 employees or more	number.. 331
All employees ³	number.. 151 307
Total compensation	\$1,000.. 8 181 425
Annual payroll	\$1,000.. 6 475 210
Total fringe benefits	\$1,000.. 1 706 215
Production workers, average for year	number.. 95 244
Production workers on March 12	number.. 95 545
Production workers on May 12	number.. 95 668
Production workers on August 12	number.. 95 845
Production workers on November 12	number.. 93 662
Production worker hours	1,000.. 184 157
Production worker wages	\$1,000.. 3 229 544
Total cost of materials	\$1,000.. 16 963 515
Materials, parts, containers, packaging, etc., used	\$1,000.. 14 144 020
Resales	\$1,000.. 1 090 110
Purchased fuels	\$1,000.. 394 894
Purchased electricity	\$1,000.. 404 817
Contract work	\$1,000.. 929 674
Quantity of electricity purchased for heat and power	1,000 kWh.. 9 300 775
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 36 344 562
Value added	\$1,000.. 19 247 060
Total inventories, beginning of year	\$1,000.. 4 268 765
Finished goods inventories	\$1,000.. 1 572 016
Work-in-process inventories	\$1,000.. 1 432 707
Materials and supplies inventories	\$1,000.. 1 264 042
Total inventories, end of year	\$1,000.. 4 201 924
Finished goods inventories	\$1,000.. 1 492 315
Work-in-process inventories	\$1,000.. 1 389 837
Materials and supplies inventories	\$1,000.. 1 319 772
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 15 876 902
Total capital expenditures (new and used)	\$1,000.. 1 594 941
Buildings and other structures (new and used)	\$1,000.. 203 197
Machinery and equipment (new and used)	\$1,000.. 1 391 744
Automobiles, trucks, etc., for highway use	\$1,000.. 37 546
Computers and peripheral data processing equipment	\$1,000.. 88 915
All other expenditures for machinery and equipment	\$1,000.. 1 265 283
Total retirements	\$1,000.. 716 765
Gross value of depreciable assets at end of year	\$1,000.. 16 755 078
Depreciation charges during year	\$1,000.. 1 003 958
Total rental payments	\$1,000.. 432 585
Buildings and other structures	\$1,000.. 257 284
Machinery and equipment	\$1,000.. 175 301
MASSACHUSETTS	
Companies ¹	number.. N
All establishments ²	number.. 8 858
Establishments with 1 to 19 employees	number.. 5 941
Establishments with 20 to 99 employees	number.. 2 166
Establishments with 100 employees or more	number.. 751
All employees ³	number.. 349 148
Total compensation	\$1,000.. 19 291 686
Annual payroll	\$1,000.. 15 571 473
Total fringe benefits	\$1,000.. 3 720 213
Production workers, average for year	number.. 210 606
Production workers on March 12	number.. 211 016
Production workers on May 12	number.. 213 846
Production workers on August 12	number.. 210 442
Production workers on November 12	number.. 206 498
Production worker hours	1,000.. 417 112
Production worker wages	\$1,000.. 7 028 657
Total cost of materials	\$1,000.. 32 892 203
Materials, parts, containers, packaging, etc., used	\$1,000.. 27 486 891
Resales	\$1,000.. 3 160 789
Purchased fuels	\$1,000.. 354 529
Purchased electricity	\$1,000.. 691 439
Contract work	\$1,000.. 1 198 555
Quantity of electricity purchased for heat and power	1,000 kWh.. 8 241 254
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 351 203
Total value of shipments	\$1,000.. 77 976 318
Value added	\$1,000.. 44 500 501
Total inventories, beginning of year	\$1,000.. 9 949 689
Finished goods inventories	\$1,000.. 3 299 697
Work-in-process inventories	\$1,000.. 2 848 331
Materials and supplies inventories	\$1,000.. 3 801 661
Total inventories, end of year	\$1,000.. 8 910 630
Finished goods inventories	\$1,000.. 2 914 256
Work-in-process inventories	\$1,000.. 2 631 090
Materials and supplies inventories	\$1,000.. 3 365 284

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
MASSACHUSETTS—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 28 594 431
Total capital expenditures (new and used)	\$1,000.. 2 348 413
Buildings and other structures (new and used)	\$1,000.. 387 602
Machinery and equipment (new and used)	\$1,000.. 1 960 811
Automobiles, trucks, etc., for highway use	\$1,000.. 75 536
Computers and peripheral data processing equipment	\$1,000.. 240 599
All other expenditures for machinery and equipment	\$1,000.. 1 644 676
Total retirements	\$1,000.. 1 887 781
Gross value of depreciable assets at end of year	\$1,000.. 29 055 063
Depreciation charges during year	\$1,000.. 2 185 866
Total rental payments	\$1,000.. 1 094 393
Buildings and other structures	\$1,000.. 660 558
Machinery and equipment	\$1,000.. 433 835
MICHIGAN	
Companies ¹	number.. N
All establishments ²	number.. 15 191
Establishments with 1 to 19 employees	number.. 10 047
Establishments with 20 to 99 employees	number.. 3 700
Establishments with 100 employees or more	number.. 1 444
All employees ³	number.. 736 165
Total compensation	\$1,000.. 43 042 382
Annual payroll	\$1,000.. 33 168 564
Total fringe benefits	\$1,000.. 9 873 818
Production workers, average for year	number.. 549 547
Production workers on March 12	number.. 545 931
Production workers on May 12	number.. 553 639
Production workers on August 12	number.. 551 950
Production workers on November 12	number.. 545 720
Production worker hours	1,000.. 1 087 015
Production worker wages	\$1,000.. 22 570 432
Total cost of materials	\$1,000.. 124 077 674
Materials, parts, containers, packaging, etc., used	\$1,000.. 115 347 168
Resales	\$1,000.. 3 141 385
Purchased fuels	\$1,000.. 1 101 813
Purchased electricity	\$1,000.. 1 639 092
Contract work	\$1,000.. 2 848 216
Quantity of electricity purchased for heat and power	1,000 kWh.. 32 393 116
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 843 901
Total value of shipments	\$1,000.. 221 421 638
Value added	\$1,000.. 97 572 725
Total inventories, beginning of year	\$1,000.. 13 943 540
Finished goods inventories	\$1,000.. 4 229 071
Work-in-process inventories	\$1,000.. 4 141 301
Materials and supplies inventories	\$1,000.. 5 573 168
Total inventories, end of year	\$1,000.. 14 206 582
Finished goods inventories	\$1,000.. 4 275 825
Work-in-process inventories	\$1,000.. 4 307 651
Materials and supplies inventories	\$1,000.. 5 623 106
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 88 773 293
Total capital expenditures (new and used)	\$1,000.. 5 699 658
Buildings and other structures (new and used)	\$1,000.. 644 600
Machinery and equipment (new and used)	\$1,000.. 5 055 058
Automobiles, trucks, etc., for highway use	\$1,000.. 125 435
Computers and peripheral data processing equipment	\$1,000.. 307 759
All other expenditures for machinery and equipment	\$1,000.. 4 621 864
Total retirements	\$1,000.. 4 124 517
Gross value of depreciable assets at end of year	\$1,000.. 90 348 434
Depreciation charges during year	\$1,000.. 6 197 553
Total rental payments	\$1,000.. 1 826 577
Buildings and other structures	\$1,000.. 929 405
Machinery and equipment	\$1,000.. 897 172
MINNESOTA	
Companies ¹	number.. N
All establishments ²	number.. 8 136
Establishments with 1 to 19 employees	number.. 5 506
Establishments with 20 to 99 employees	number.. 1 847
Establishments with 100 employees or more	number.. 783
All employees ³	number.. 351 188
Total compensation	\$1,000.. 17 240 583
Annual payroll	\$1,000.. 14 059 229
Total fringe benefits	\$1,000.. 3 181 354
Production workers, average for year	number.. 232 845
Production workers on March 12	number.. 231 894
Production workers on May 12	number.. 232 973
Production workers on August 12	number.. 235 524
Production workers on November 12	number.. 230 303
Production worker hours	1,000.. 458 562
Production worker wages	\$1,000.. 7 585 177
Total cost of materials	\$1,000.. 40 894 802
Materials, parts, containers, packaging, etc., used	\$1,000.. 36 060 811
Resales	\$1,000.. 2 477 700
Purchased fuels	\$1,000.. 566 195
Purchased electricity	\$1,000.. 622 307
Contract work	\$1,000.. 1 167 789
Quantity of electricity purchased for heat and power	1,000 kWh.. 13 995 117
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
MINNESOTA—Con.	
Total value of shipments	\$1,000.. 80 499 482
Value added	\$1,000.. 39 551 352
Total inventories, beginning of year	\$1,000.. 8 067 300
Finished goods inventories	\$1,000.. 3 263 733
Work-in-process inventories	\$1,000.. 1 563 966
Materials and supplies inventories	\$1,000.. 3 239 601
Total inventories, end of year	\$1,000.. 8 014 295
Finished goods inventories	\$1,000.. 3 159 671
Work-in-process inventories	\$1,000.. 1 604 117
Materials and supplies inventories	\$1,000.. 3 250 507
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 32 173 695
Total capital expenditures (new and used)	\$1,000.. 2 812 491
Buildings and other structures (new and used)	\$1,000.. 430 921
Machinery and equipment (new and used)	\$1,000.. 2 381 570
Automobiles, trucks, etc., for highway use	\$1,000.. 75 394
Computers and peripheral data processing equipment	\$1,000.. 171 858
All other expenditures for machinery and equipment	\$1,000.. 2 134 318
Total retirements	\$1,000.. 1 649 821
Gross value of depreciable assets at end of year	\$1,000.. 33 336 365
Depreciation charges during year	\$1,000.. 2 321 913
Total rental payments	\$1,000.. 827 294
Buildings and other structures	\$1,000.. 502 640
Machinery and equipment	\$1,000.. 324 654
MISSISSIPPI	
Companies ¹	number.. N
All establishments ²	number.. 2 796
Establishments with 1 to 19 employees	number.. 1 746
Establishments with 20 to 99 employees	number.. 629
Establishments with 100 employees or more	number.. 421
All employees ³	number.. 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 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
MISSOURI	
Companies ¹	number.. N
All establishments ²	number.. 7 207
Establishments with 1 to 19 employees	number.. 5 017
Establishments with 20 to 99 employees	number.. 1 521
Establishments with 100 employees or more	number.. 669
All employees ³	number.. 319 761
Total compensation	\$1,000.. 15 704 237
Annual payroll	\$1,000.. 12 453 642
Total fringe benefits	\$1,000.. 3 250 595
Production workers, average for year	number.. 239 420
Production workers on March 12	number.. 239 483
Production workers on May 12	number.. 239 882
Production workers on August 12	number.. 239 546
Production workers on November 12	number.. 238 238

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
MISSOURI—Con.	
Production worker hours	1,000.. 460 922
Production worker wages	\$1,000.. 8 094 270
Total cost of materials	\$1,000.. 51 662 420
Materials, parts, containers, packaging, etc., used	\$1,000.. 47 817 483
Resales	\$1,000.. 2 226 867
Purchased fuels	\$1,000.. 436 097
Purchased electricity	\$1,000.. 704 560
Contract work	\$1,000.. 477 413
Quantity of electricity purchased for heat and power	1,000 kWh.. 16 906 484
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -11 846
Total value of shipments	\$1,000.. 92 475 502
Value added	\$1,000.. 41 123 200
Total inventories, beginning of year	\$1,000.. 10 123 263
Finished goods inventories	\$1,000.. 2 746 350
Work-in-process inventories	\$1,000.. 4 097 967
Materials and supplies inventories	\$1,000.. 3 281 375
Total inventories, end of year	\$1,000.. 9 738 034
Finished goods inventories	\$1,000.. 2 675 707
Work-in-process inventories	\$1,000.. 4 494 924
Materials and supplies inventories	\$1,000.. 2 569 476
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 34 144 838
Total capital expenditures (new and used)	\$1,000.. 2 279 121
Buildings and other structures (new and used)	\$1,000.. 417 341
Machinery and equipment (new and used)	\$1,000.. 1 861 780
Automobiles, trucks, etc., for highway use	\$1,000.. 54 376
Computers and peripheral data processing equipment	\$1,000.. 114 461
All other expenditures for machinery and equipment	\$1,000.. 1 692 943
Total retirements	\$1,000.. 2 409 217
Gross value of depreciable assets at end of year	\$1,000.. 34 014 742
Depreciation charges during year	\$1,000.. 2 265 241
Total rental payments	\$1,000.. 660 857
Buildings and other structures	\$1,000.. 333 545
Machinery and equipment	\$1,000.. 327 312
MONTANA	
Companies ¹	number.. N
All establishments ²	number.. 1 234
Establishments with 1 to 19 employees	number.. 1 038
Establishments with 20 to 99 employees	number.. 161
Establishments with 100 employees or more	number.. 35
All employees ³	number.. 18 582
Total compensation	\$1,000.. 804 835
Annual payroll	\$1,000.. 638 834
Total fringe benefits	\$1,000.. 166 001
Production workers, average for year	number.. 13 747
Production workers on March 12	number.. 13 642
Production workers on May 12	number.. 13 717
Production workers on August 12	number.. 13 840
Production workers on November 12	number.. 13 741
Production worker hours	1,000.. 26 573
Production worker wages	\$1,000.. 421 086
Total cost of materials	\$1,000.. 3 317 687
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 919 433
Resales	\$1,000.. 125 869
Purchased fuels	\$1,000.. 62 324
Purchased electricity	\$1,000.. 142 729
Contract work	\$1,000.. 67 332
Quantity of electricity purchased for heat and power	1,000 kWh.. 3 541 245
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 4 987 577
Value added	\$1,000.. 1 673 980
Total inventories, beginning of year	\$1,000.. 594 947
Finished goods inventories	\$1,000.. 240 952
Work-in-process inventories	\$1,000.. 89 384
Materials and supplies inventories	\$1,000.. 264 611
Total inventories, end of year	\$1,000.. 574 908
Finished goods inventories	\$1,000.. 228 413
Work-in-process inventories	\$1,000.. 106 065
Materials and supplies inventories	\$1,000.. 240 430
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 2 749 489
Total capital expenditures (new and used)	\$1,000.. 220 108
Buildings and other structures (new and used)	\$1,000.. 17 742
Machinery and equipment (new and used)	\$1,000.. 202 366
Automobiles, trucks, etc., for highway use	\$1,000.. 3 905
Computers and peripheral data processing equipment	\$1,000.. 7 311
All other expenditures for machinery and equipment	\$1,000.. 191 150
Total retirements	\$1,000.. 113 517
Gross value of depreciable assets at end of year	\$1,000.. 2 856 080
Depreciation charges during year	\$1,000.. 160 706
Total rental payments	\$1,000.. 61 936
Buildings and other structures	\$1,000.. 23 426
Machinery and equipment	\$1,000.. 38 510

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
NEBRASKA	
Companies ¹	number.. N
All establishments ²	number.. 1 975
Establishments with 1 to 19 employees	number.. 1 383
Establishments with 20 to 99 employees	number.. 367
Establishments with 100 employees or more	number.. 225
All employees ³	number.. 103 011
Total compensation	\$1,000.. 4 256 852
Annual payroll	\$1,000.. 3 385 632
Total fringe benefits	\$1,000.. 871 220
Production workers, average for year	number.. 79 478
Production workers on March 12	number.. 79 461
Production workers on May 12	number.. 79 764
Production workers on August 12	number.. 79 512
Production workers on November 12	number.. 79 046
Production worker hours	1,000.. 164 087
Production worker wages	\$1,000.. 2 293 206
Total cost of materials	\$1,000.. 19 179 938
Materials, parts, containers, packaging, etc., used	\$1,000.. 17 391 844
Resales	\$1,000.. 1 306 387
Purchased fuels	\$1,000.. 191 201
Purchased electricity	\$1,000.. 192 708
Contract work	\$1,000.. 97 798
Quantity of electricity purchased for heat and power	1,000 kWh.. 5 435 547
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 30 607 855
Value added	\$1,000.. 11 467 244
Total inventories, beginning of year	\$1,000.. 2 271 754
Finished goods inventories	\$1,000.. 1 072 864
Work-in-process inventories	\$1,000.. 358 866
Materials and supplies inventories	\$1,000.. 840 024
Total inventories, end of year	\$1,000.. 2 337 173
Finished goods inventories	\$1,000.. 1 103 284
Work-in-process inventories	\$1,000.. 371 438
Materials and supplies inventories	\$1,000.. 862 451
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 9 946 966
Total capital expenditures (new and used)	\$1,000.. 799 280
Buildings and other structures (new and used)	\$1,000.. 106 699
Machinery and equipment (new and used)	\$1,000.. 692 581
Automobiles, trucks, etc., for highway use	\$1,000.. 20 174
Computers and peripheral data processing equipment	\$1,000.. 32 017
All other expenditures for machinery and equipment	\$1,000.. 640 390
Total retirements	\$1,000.. 316 542
Gross value of depreciable assets at end of year	\$1,000.. 10 429 704
Depreciation charges during year	\$1,000.. 798 712
Total rental payments	\$1,000.. 148 201
Buildings and other structures	\$1,000.. 77 493
Machinery and equipment	\$1,000.. 70 708
NEVADA	
Companies ¹	number.. N
All establishments ²	number.. 1 764
Establishments with 1 to 19 employees	number.. 1 317
Establishments with 20 to 99 employees	number.. 356
Establishments with 100 employees or more	number.. 91
All employees ³	number.. 42 503
Total compensation	\$1,000.. 1 995 818
Annual payroll	\$1,000.. 1 642 783
Total fringe benefits	\$1,000.. 353 035
Production workers, average for year	number.. 28 392
Production workers on March 12	number.. 28 284
Production workers on May 12	number.. 28 274
Production workers on August 12	number.. 28 636
Production workers on November 12	number.. 28 284
Production worker hours	1,000.. 55 923
Production worker wages	\$1,000.. 869 190
Total cost of materials	\$1,000.. 3 845 338
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 321 264
Resales	\$1,000.. 246 696
Purchased fuels	\$1,000.. 75 127
Purchased electricity	\$1,000.. 120 311
Contract work	\$1,000.. 81 940
Quantity of electricity purchased for heat and power	1,000 kWh.. 2 036 950
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 204
Total value of shipments	\$1,000.. 8 466 212
Value added	\$1,000.. 4 654 748
Total inventories, beginning of year	\$1,000.. 1 022 377
Finished goods inventories	\$1,000.. 411 191
Work-in-process inventories	\$1,000.. 169 903
Materials and supplies inventories	\$1,000.. 441 283
Total inventories, end of year	\$1,000.. 1 063 381
Finished goods inventories	\$1,000.. 424 196
Work-in-process inventories	\$1,000.. 191 218
Materials and supplies inventories	\$1,000.. 447 967

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
NEVADA—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 3 695 215
Total capital expenditures (new and used)	\$1,000.. 340 170
Buildings and other structures (new and used)	\$1,000.. 49 798
Machinery and equipment (new and used)	\$1,000.. 290 372
Automobiles, trucks, etc., for highway use	\$1,000.. 12 588
Computers and peripheral data processing equipment	\$1,000.. 35 557
All other expenditures for machinery and equipment	\$1,000.. 242 227
Total retirements	\$1,000.. 185 876
Gross value of depreciable assets at end of year	\$1,000.. 3 849 509
Depreciation charges during year	\$1,000.. 294 016
Total rental payments	\$1,000.. 147 073
Buildings and other structures	\$1,000.. 91 198
Machinery and equipment	\$1,000.. 55 875
NEW HAMPSHIRE	
Companies ¹	number.. N
All establishments ²	number.. 2 213
Establishments with 1 to 19 employees	number.. 1 500
Establishments with 20 to 99 employees	number.. 523
Establishments with 100 employees or more	number.. 190
All employees ³	number.. 83 545
Total compensation	\$1,000.. 4 260 890
Annual payroll	\$1,000.. 3 421 148
Total fringe benefits	\$1,000.. 839 742
Production workers, average for year	number.. 53 985
Production workers on March 12	number.. 54 845
Production workers on May 12	number.. 54 409
Production workers on August 12	number.. 53 662
Production workers on November 12	number.. 52 860
Production worker hours	1,000.. 106 263
Production worker wages	\$1,000.. 1 693 399
Total cost of materials	\$1,000.. 6 758 241
Materials, parts, containers, packaging, etc., used	\$1,000.. 5 857 472
Resales	\$1,000.. 475 215
Purchased fuels	\$1,000.. 81 616
Purchased electricity	\$1,000.. 162 212
Contract work	\$1,000.. 181 726
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 826 131
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 179 514
Total value of shipments	\$1,000.. 15 235 144
Value added	\$1,000.. 8 527 926
Total inventories, beginning of year	\$1,000.. 2 145 355
Finished goods inventories	\$1,000.. 634 039
Work-in-process inventories	\$1,000.. 620 923
Materials and supplies inventories	\$1,000.. 890 393
Total inventories, end of year	\$1,000.. 2 094 649
Finished goods inventories	\$1,000.. 628 056
Work-in-process inventories	\$1,000.. 679 023
Materials and supplies inventories	\$1,000.. 787 570
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 7 065 387
Total capital expenditures (new and used)	\$1,000.. 539 919
Buildings and other structures (new and used)	\$1,000.. 84 232
Machinery and equipment (new and used)	\$1,000.. 455 687
Automobiles, trucks, etc., for highway use	\$1,000.. 15 395
Computers and peripheral data processing equipment	\$1,000.. 46 838
All other expenditures for machinery and equipment	\$1,000.. 393 454
Total retirements	\$1,000.. 419 440
Gross value of depreciable assets at end of year	\$1,000.. 7 185 866
Depreciation charges during year	\$1,000.. 573 179
Total rental payments	\$1,000.. 187 945
Buildings and other structures	\$1,000.. 115 666
Machinery and equipment	\$1,000.. 72 279
NEW JERSEY	
Companies ¹	number.. N
All establishments ²	number.. 10 653
Establishments with 1 to 19 employees	number.. 7 337
Establishments with 20 to 99 employees	number.. 2 545
Establishments with 100 employees or more	number.. 771
All employees ³	number.. 368 015
Total compensation	\$1,000.. 19 457 923
Annual payroll	\$1,000.. 15 752 976
Total fringe benefits	\$1,000.. 3 704 947
Production workers, average for year	number.. 236 168
Production workers on March 12	number.. 236 658
Production workers on May 12	number.. 238 929
Production workers on August 12	number.. 235 829
Production workers on November 12	number.. 232 814
Production worker hours	1,000.. 466 820
Production worker wages	\$1,000.. 8 048 324
Total cost of materials	\$1,000.. 44 454 102
Materials, parts, containers, packaging, etc., used	\$1,000.. 38 116 044
Resales	\$1,000.. 3 359 919
Purchased fuels	\$1,000.. 556 137
Purchased electricity	\$1,000.. 870 482
Contract work	\$1,000.. 1 551 520
Quantity of electricity purchased for heat and power	1,000 kWh.. 11 341 020
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 935 214

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
NEW JERSEY—Con.	
Total value of shipments	\$1,000.. 96 229 119
Value added	\$1,000.. 51 381 268
Total inventories, beginning of year	\$1,000.. 10 812 686
Finished goods inventories	\$1,000.. 4 735 113
Work-in-process inventories	\$1,000.. 2 230 232
Materials and supplies inventories	\$1,000.. 3 847 341
Total inventories, end of year	\$1,000.. 10 462 543
Finished goods inventories	\$1,000.. 4 507 117
Work-in-process inventories	\$1,000.. 2 089 076
Materials and supplies inventories	\$1,000.. 3 866 350
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 37 663 679
Total capital expenditures (new and used)	\$1,000.. 3 011 209
Buildings and other structures (new and used)	\$1,000.. 637 764
Machinery and equipment (new and used)	\$1,000.. 2 373 445
Automobiles, trucks, etc., for highway use	\$1,000.. 84 201
Computers and peripheral data processing equipment	\$1,000.. 287 271
All other expenditures for machinery and equipment	\$1,000.. 2 001 973
Total retirements	\$1,000.. 1 509 547
Gross value of depreciable assets at end of year	\$1,000.. 39 165 341
Depreciation charges during year	\$1,000.. 2 588 766
Total rental payments	\$1,000.. 1 085 978
Buildings and other structures	\$1,000.. 692 990
Machinery and equipment	\$1,000.. 392 988
NEW MEXICO	
Companies ¹	number.. N
All establishments ²	number.. 1 587
Establishments with 1 to 19 employees	number.. 1 304
Establishments with 20 to 99 employees	number.. 225
Establishments with 100 employees or more	number.. 58
All employees ³	number.. 33 085
Total compensation	\$1,000.. 1 527 536
Annual payroll	\$1,000.. 1 241 383
Total fringe benefits	\$1,000.. 286 153
Production workers, average for year	number.. 23 800
Production workers on March 12	number.. 23 766
Production workers on May 12	number.. 23 847
Production workers on August 12	number.. 24 095
Production workers on November 12	number.. 23 414
Production worker hours	\$1,000.. 46 076
Production worker wages	\$1,000.. 757 119
Total cost of materials	\$1,000.. 4 253 622
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 787 156
Resales	\$1,000.. 232 719
Purchased fuels	\$1,000.. 58 514
Purchased electricity	\$1,000.. 98 818
Contract work	\$1,000.. 76 415
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 788 693
Quantity of electricity generated less sold for heat and power	1,000 kWh.. —
Total value of shipments	\$1,000.. 10 168 130
Value added	\$1,000.. 5 979 983
Total inventories, beginning of year	\$1,000.. 895 262
Finished goods inventories	\$1,000.. 284 013
Work-in-process inventories	\$1,000.. 341 473
Materials and supplies inventories	\$1,000.. 269 776
Total inventories, end of year	\$1,000.. 931 407
Finished goods inventories	\$1,000.. 274 960
Work-in-process inventories	\$1,000.. 418 270
Materials and supplies inventories	\$1,000.. 238 177
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 5 122 096
Total capital expenditures (new and used)	\$1,000.. 307 101
Buildings and other structures (new and used)	\$1,000.. 19 786
Machinery and equipment (new and used)	\$1,000.. 287 315
Automobiles, trucks, etc., for highway use	\$1,000.. 6 769
Computers and peripheral data processing equipment	\$1,000.. 13 095
All other expenditures for machinery and equipment	\$1,000.. 267 451
Total retirements	\$1,000.. 280 030
Gross value of depreciable assets at end of year	\$1,000.. 5 149 167
Depreciation charges during year	\$1,000.. 507 367
Total rental payments	\$1,000.. 105 247
Buildings and other structures	\$1,000.. 50 070
Machinery and equipment	\$1,000.. 55 177
NEW YORK	
Companies ¹	number.. N
All establishments ²	number.. 21 065
Establishments with 1 to 19 employees	number.. 15 640
Establishments with 20 to 99 employees	number.. 4 159
Establishments with 100 employees or more	number.. 1 266
All employees ³	number.. 641 742
Total compensation	\$1,000.. 31 531 622
Annual payroll	\$1,000.. 25 390 968
Total fringe benefits	\$1,000.. 6 140 654
Production workers, average for year	number.. 428 694
Production workers on March 12	number.. 429 347
Production workers on May 12	number.. 429 603
Production workers on August 12	number.. 430 140
Production workers on November 12	number.. 424 805

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
NEW YORK—Con.	
Production worker hours	1,000.. 834 897
Production worker wages	\$1,000.. 13 558 513
Total cost of materials	\$1,000.. 63 432 589
Materials, parts, containers, packaging, etc., used	\$1,000.. 51 733 762
Resales	\$1,000.. 6 967 090
Purchased fuels	\$1,000.. 824 161
Purchased electricity	\$1,000.. 1 363 195
Contract work	\$1,000.. 2 544 381
Quantity of electricity purchased for heat and power	1,000 kWh.. 20 994 368
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 206 054
Total value of shipments	\$1,000.. 147 402 586
Value added	\$1,000.. 83 932 246
Total inventories, beginning of year	\$1,000.. 17 436 624
Finished goods inventories	\$1,000.. 6 743 547
Work-in-process inventories	\$1,000.. 4 598 758
Materials and supplies inventories	\$1,000.. 6 094 319
Total inventories, end of year	\$1,000.. 17 502 423
Finished goods inventories	\$1,000.. 6 532 508
Work-in-process inventories	\$1,000.. 4 767 587
Materials and supplies inventories	\$1,000.. 6 202 328
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 57 719 394
Total capital expenditures (new and used)	\$1,000.. 4 185 624
Buildings and other structures (new and used)	\$1,000.. 731 127
Machinery and equipment (new and used)	\$1,000.. 3 454 497
Automobiles, trucks, etc., for highway use	\$1,000.. 118 735
Computers and peripheral data processing equipment	\$1,000.. 409 080
All other expenditures for machinery and equipment	\$1,000.. 2 926 682
Total retirements	\$1,000.. 2 588 244
Gross value of depreciable assets at end of year	\$1,000.. 59 316 774
Depreciation charges during year	\$1,000.. 3 656 414
Total rental payments	\$1,000.. 1 652 234
Buildings and other structures	\$1,000.. 1 023 760
Machinery and equipment	\$1,000.. 628 474
NORTH CAROLINA	
Companies ¹	number.. N
All establishments ²	number.. 10 763
Establishments with 1 to 19 employees	number.. 6 786
Establishments with 20 to 99 employees	number.. 2 525
Establishments with 100 employees or more	number.. 1 452
All employees ³	number.. 623 521
Total compensation	\$1,000.. 26 173 638
Annual payroll	\$1,000.. 20 653 125
Total fringe benefits	\$1,000.. 5 520 513
Production workers, average for year	number.. 472 387
Production workers on March 12	number.. 474 161
Production workers on May 12	number.. 475 974
Production workers on August 12	number.. 472 575
Production workers on November 12	number.. 465 908
Production worker hours	1,000.. 927 703
Production worker wages	\$1,000.. 13 051 227
Total cost of materials	\$1,000.. 69 505 376
Materials, parts, containers, packaging, etc., used	\$1,000.. 61 806 943
Resales	\$1,000.. 4 137 273
Purchased fuels	\$1,000.. 798 773
Purchased electricity	\$1,000.. 1 543 889
Contract work	\$1,000.. 1 218 498
Quantity of electricity purchased for heat and power	1,000 kWh.. 31 804 130
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 488 780
Total value of shipments	\$1,000.. 156 909 393
Value added	\$1,000.. 87 385 590
Total inventories, beginning of year	\$1,000.. 15 869 314
Finished goods inventories	\$1,000.. 5 793 221
Work-in-process inventories	\$1,000.. 3 183 521
Materials and supplies inventories	\$1,000.. 6 892 572
Total inventories, end of year	\$1,000.. 15 708 147
Finished goods inventories	\$1,000.. 5 747 075
Work-in-process inventories	\$1,000.. 3 213 307
Materials and supplies inventories	\$1,000.. 6 747 765
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 60 857 681
Total capital expenditures (new and used)	\$1,000.. 4 432 400
Buildings and other structures (new and used)	\$1,000.. 846 917
Machinery and equipment (new and used)	\$1,000.. 3 585 483
Automobiles, trucks, etc., for highway use	\$1,000.. 94 572
Computers and peripheral data processing equipment	\$1,000.. 260 512
All other expenditures for machinery and equipment	\$1,000.. 3 230 399
Total retirements	\$1,000.. 2 865 089
Gross value of depreciable assets at end of year	\$1,000.. 62 424 992
Depreciation charges during year	\$1,000.. 3 905 887
Total rental payments	\$1,000.. 1 103 866
Buildings and other structures	\$1,000.. 564 871
Machinery and equipment	\$1,000.. 538 995

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
NORTH DAKOTA	
Companies ¹	number.. N
All establishments ²	number.. 724
Establishments with 1 to 19 employees	number.. 530
Establishments with 20 to 99 employees	number.. 142
Establishments with 100 employees or more	number.. 52
All employees ³	number.. 23 370
Total compensation	\$1,000.. 956 554
Annual payroll	\$1,000.. 757 012
Total fringe benefits	\$1,000.. 199 542
Production workers, average for year	number.. 17 017
Production workers on March 12	number.. 16 972
Production workers on May 12	number.. 16 764
Production workers on August 12	number.. 17 126
Production workers on November 12	number.. 17 153
Production worker hours	1,000.. 32 794
Production worker wages	\$1,000.. 473 516
Total cost of materials	\$1,000.. 4 082 080
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 821 858
Resales	\$1,000.. 132 579
Purchased fuels	\$1,000.. 55 321
Purchased electricity	\$1,000.. 50 131
Contract work	\$1,000.. 22 191
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 199 707
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 6 856 654
Value added	\$1,000.. 2 679 560
Total inventories, beginning of year	\$1,000.. 715 777
Finished goods inventories	\$1,000.. 346 156
Work-in-process inventories	\$1,000.. 91 922
Materials and supplies inventories	\$1,000.. 277 699
Total inventories, end of year	\$1,000.. 604 094
Finished goods inventories	\$1,000.. 271 463
Work-in-process inventories	\$1,000.. 74 403
Materials and supplies inventories	\$1,000.. 258 228
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 2 847 002
Total capital expenditures (new and used)	\$1,000.. 201 839
Buildings and other structures (new and used)	\$1,000.. 34 036
Machinery and equipment (new and used)	\$1,000.. 167 803
Automobiles, trucks, etc., for highway use	\$1,000.. 6 941
Computers and peripheral data processing equipment	\$1,000.. 8 636
All other expenditures for machinery and equipment	\$1,000.. 152 226
Total retirements	\$1,000.. 113 168
Gross value of depreciable assets at end of year	\$1,000.. 2 935 673
Depreciation charges during year	\$1,000.. 170 648
Total rental payments	\$1,000.. 85 807
Buildings and other structures	\$1,000.. 56 447
Machinery and equipment	\$1,000.. 29 360
OHIO	
Companies ¹	number.. N
All establishments ²	number.. 17 491
Establishments with 1 to 19 employees	number.. 11 233
Establishments with 20 to 99 employees	number.. 4 413
Establishments with 100 employees or more	number.. 1 845
All employees ³	number.. 868 679
Total compensation	\$1,000.. 45 582 670
Annual payroll	\$1,000.. 35 298 752
Total fringe benefits	\$1,000.. 10 283 918
Production workers, average for year	number.. 639 811
Production workers on March 12	number.. 639 072
Production workers on May 12	number.. 642 535
Production workers on August 12	number.. 640 979
Production workers on November 12	number.. 635 382
Production worker hours	1,000.. 1 272 052
Production worker wages	\$1,000.. 23 197 793
Total cost of materials	\$1,000.. 130 634 971
Materials, parts, containers, packaging, etc., used	\$1,000.. 118 008 844
Resales	\$1,000.. 5 922 627
Purchased fuels	\$1,000.. 1 648 270
Purchased electricity	\$1,000.. 2 440 752
Contract work	\$1,000.. 2 614 478
Quantity of electricity purchased for heat and power	1,000 kWh.. 53 297 144
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 382 876
Total value of shipments	\$1,000.. 242 884 764
Value added	\$1,000.. 112 229 130
Total inventories, beginning of year	\$1,000.. 21 786 722
Finished goods inventories	\$1,000.. 8 556 364
Work-in-process inventories	\$1,000.. 5 135 910
Materials and supplies inventories	\$1,000.. 8 094 448
Total inventories, end of year	\$1,000.. 21 675 475
Finished goods inventories	\$1,000.. 8 499 333
Work-in-process inventories	\$1,000.. 5 221 081
Materials and supplies inventories	\$1,000.. 7 955 061

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
OHIO—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 98 896 788
Total capital expenditures (new and used)	\$1,000.. 7 427 507
Buildings and other structures (new and used)	\$1,000.. 868 444
Machinery and equipment (new and used)	\$1,000.. 6 559 063
Automobiles, trucks, etc., for highway use	\$1,000.. 155 096
Computers and peripheral data processing equipment	\$1,000.. 426 398
All other expenditures for machinery and equipment	\$1,000.. 5 977 569
Total retirements	\$1,000.. 5 195 313
Gross value of depreciable assets at end of year	\$1,000.. 101 128 982
Depreciation charges during year	\$1,000.. 6 886 163
Total rental payments	\$1,000.. 1 729 075
Buildings and other structures	\$1,000.. 959 455
Machinery and equipment	\$1,000.. 769 620
OKLAHOMA	
Companies ¹	number.. N
All establishments ²	number.. 4 027
Establishments with 1 to 19 employees	number.. 2 953
Establishments with 20 to 99 employees	number.. 756
Establishments with 100 employees or more	number.. 318
All employees ³	number.. 149 983
Total compensation	\$1,000.. 6 816 434
Annual payroll	\$1,000.. 5 355 937
Total fringe benefits	\$1,000.. 1 460 497
Production workers, average for year	number.. 109 230
Production workers on March 12	number.. 109 759
Production workers on May 12	number.. 109 866
Production workers on August 12	number.. 109 592
Production workers on November 12	number.. 107 461
Production worker hours	1,000.. 214 758
Production worker wages	\$1,000.. 3 438 187
Total cost of materials	\$1,000.. 23 001 158
Materials, parts, containers, packaging, etc., used	\$1,000.. 20 862 216
Resales	\$1,000.. 1 070 213
Purchased fuels	\$1,000.. 353 109
Purchased electricity	\$1,000.. 346 630
Contract work	\$1,000.. 368 990
Quantity of electricity purchased for heat and power	1,000 kWh.. 9 283 649
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 39 924 050
Value added	\$1,000.. 17 005 404
Total inventories, beginning of year	\$1,000.. 4 128 662
Finished goods inventories	\$1,000.. 1 631 074
Work-in-process inventories	\$1,000.. 734 045
Materials and supplies inventories	\$1,000.. 1 763 543
Total inventories, end of year	\$1,000.. 3 965 888
Finished goods inventories	\$1,000.. 1 657 353
Work-in-process inventories	\$1,000.. 809 157
Materials and supplies inventories	\$1,000.. 1 499 378
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 16 038 282
Total capital expenditures (new and used)	\$1,000.. 1 046 987
Buildings and other structures (new and used)	\$1,000.. 148 399
Machinery and equipment (new and used)	\$1,000.. 898 588
Automobiles, trucks, etc., for highway use	\$1,000.. 37 504
Computers and peripheral data processing equipment	\$1,000.. 68 704
All other expenditures for machinery and equipment	\$1,000.. 792 380
Total retirements	\$1,000.. 552 978
Gross value of depreciable assets at end of year	\$1,000.. 16 532 291
Depreciation charges during year	\$1,000.. 965 639
Total rental payments	\$1,000.. 263 109
Buildings and other structures	\$1,000.. 127 849
Machinery and equipment	\$1,000.. 135 260
OREGON	
Companies ¹	number.. N
All establishments ²	number.. 5 597
Establishments with 1 to 19 employees	number.. 4 082
Establishments with 20 to 99 employees	number.. 1 106
Establishments with 100 employees or more	number.. 409
All employees ³	number.. 184 151
Total compensation	\$1,000.. 8 967 720
Annual payroll	\$1,000.. 7 173 223
Total fringe benefits	\$1,000.. 1 794 497
Production workers, average for year	number.. 130 491
Production workers on March 12	number.. 127 947
Production workers on May 12	number.. 130 592
Production workers on August 12	number.. 133 709
Production workers on November 12	number.. 129 401
Production worker hours	1,000.. 254 545
Production worker wages	\$1,000.. 4 275 579
Total cost of materials	\$1,000.. 19 556 927
Materials, parts, containers, packaging, etc., used	\$1,000.. 16 808 159
Resales	\$1,000.. 1 387 223
Purchased fuels	\$1,000.. 355 650
Purchased electricity	\$1,000.. 574 514
Contract work	\$1,000.. 431 381
Quantity of electricity purchased for heat and power	1,000 kWh.. 12 394 168
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 337 142

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
OREGON—Con.	
Total value of shipments	\$1,000.. 45 864 552
Value added	\$1,000.. 26 440 699
Total inventories, beginning of year	\$1,000.. 4 678 518
Finished goods inventories	\$1,000.. 1 762 390
Work-in-process inventories	\$1,000.. 1 149 912
Materials and supplies inventories	\$1,000.. 1 766 216
Total inventories, end of year	\$1,000.. 4 889 011
Finished goods inventories	\$1,000.. 1 820 037
Work-in-process inventories	\$1,000.. 1 280 176
Materials and supplies inventories	\$1,000.. 1 788 798
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 20 663 823
Total capital expenditures (new and used)	\$1,000.. 1 265 365
Buildings and other structures (new and used)	\$1,000.. 190 949
Machinery and equipment (new and used)	\$1,000.. 1 074 416
Automobiles, trucks, etc., for highway use	\$1,000.. 37 824
Computers and peripheral data processing equipment	\$1,000.. 129 166
All other expenditures for machinery and equipment	\$1,000.. 907 426
Total retirements	\$1,000.. 998 334
Gross value of depreciable assets at end of year	\$1,000.. 20 930 854
Depreciation charges during year	\$1,000.. 1 613 523
Total rental payments	\$1,000.. 476 897
Buildings and other structures	\$1,000.. 280 869
Machinery and equipment	\$1,000.. 196 028
PENNSYLVANIA	
Companies ¹	number.. N
All establishments ²	number.. 16 661
Establishments with 1 to 19 employees	number.. 11 005
Establishments with 20 to 99 employees	number.. 4 003
Establishments with 100 employees or more	number.. 1 653
All employees ³	number.. 715 186
Total compensation	\$1,000.. 34 771 991
Annual payroll	\$1,000.. 27 510 766
Total fringe benefits	\$1,000.. 7 261 225
Production workers, average for year	number.. 507 209
Production workers on March 12	number.. 510 440
Production workers on May 12	number.. 506 832
Production workers on August 12	number.. 508 991
Production workers on November 12	number.. 501 402
Production worker hours	\$1,000.. 1 007 225
Production worker wages	\$1,000.. 16 353 640
Total cost of materials	\$1,000.. 88 966 857
Materials, parts, containers, packaging, etc., used	\$1,000.. 76 561 509
Resales	\$1,000.. 6 905 993
Purchased fuels	\$1,000.. 1 487 637
Purchased electricity	\$1,000.. 1 854 253
Contract work	\$1,000.. 2 157 465
Quantity of electricity purchased for heat and power	1,000 kWh.. 34 832 825
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 732 459
Total value of shipments	\$1,000.. 181 309 256
Value added	\$1,000.. 92 269 931
Total inventories, beginning of year	\$1,000.. 19 849 431
Finished goods inventories	\$1,000.. 7 689 133
Work-in-process inventories	\$1,000.. 5 516 230
Materials and supplies inventories	\$1,000.. 6 644 068
Total inventories, end of year	\$1,000.. 19 868 459
Finished goods inventories	\$1,000.. 7 530 315
Work-in-process inventories	\$1,000.. 5 646 819
Materials and supplies inventories	\$1,000.. 6 691 325
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 78 061 321
Total capital expenditures (new and used)	\$1,000.. 4 922 047
Buildings and other structures (new and used)	\$1,000.. 909 030
Machinery and equipment (new and used)	\$1,000.. 4 013 017
Automobiles, trucks, etc., for highway use	\$1,000.. 149 678
Computers and peripheral data processing equipment	\$1,000.. 334 284
All other expenditures for machinery and equipment	\$1,000.. 3 529 055
Total retirements	\$1,000.. 4 695 279
Gross value of depreciable assets at end of year	\$1,000.. 78 288 089
Depreciation charges during year	\$1,000.. 4 790 727
Total rental payments	\$1,000.. 1 512 407
Buildings and other structures	\$1,000.. 820 442
Machinery and equipment	\$1,000.. 691 965
RHODE ISLAND	
Companies ¹	number.. N
All establishments ²	number.. 2 131
Establishments with 1 to 19 employees	number.. 1 545
Establishments with 20 to 99 employees	number.. 451
Establishments with 100 employees or more	number.. 135
All employees ³	number.. 62 285
Total compensation	\$1,000.. 2 822 572
Annual payroll	\$1,000.. 2 294 561
Total fringe benefits	\$1,000.. 528 011
Production workers, average for year	number.. 42 829
Production workers on March 12	number.. 42 745
Production workers on May 12	number.. 43 017
Production workers on August 12	number.. 43 156
Production workers on November 12	number.. 42 294

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
RHODE ISLAND—Con.	
Production worker hours	1,000.. 85 197
Production worker wages	\$1,000.. 1 231 685
Total cost of materials	\$1,000.. 4 696 259
Materials, parts, containers, packaging, etc., used	\$1,000.. 4 044 466
Resales	\$1,000.. 335 990
Purchased fuels	\$1,000.. 54 678
Purchased electricity	\$1,000.. 103 757
Contract work	\$1,000.. 157 368
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 271 610
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 10 758 058
Value added	\$1,000.. 6 088 634
Total inventories, beginning of year	\$1,000.. 1 448 137
Finished goods inventories	\$1,000.. 612 892
Work-in-process inventories	\$1,000.. 318 411
Materials and supplies inventories	\$1,000.. 516 834
Total inventories, end of year	\$1,000.. 1 482 975
Finished goods inventories	\$1,000.. 625 506
Work-in-process inventories	\$1,000.. 336 798
Materials and supplies inventories	\$1,000.. 520 671
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 4 478 802
Total capital expenditures (new and used)	\$1,000.. 306 180
Buildings and other structures (new and used)	\$1,000.. 50 719
Machinery and equipment (new and used)	\$1,000.. 255 461
Automobiles, trucks, etc., for highway use	\$1,000.. 12 536
Computers and peripheral data processing equipment	\$1,000.. 28 597
All other expenditures for machinery and equipment	\$1,000.. 214 328
Total retirements	\$1,000.. 169 235
Gross value of depreciable assets at end of year	\$1,000.. 4 615 747
Depreciation charges during year	\$1,000.. 292 703
Total rental payments	\$1,000.. 144 312
Buildings and other structures	\$1,000.. 86 254
Machinery and equipment	\$1,000.. 58 058
SOUTH CAROLINA	
Companies ¹	number.. N
All establishments ²	number.. 4 455
Establishments with 1 to 19 employees	number.. 2 801
Establishments with 20 to 99 employees	number.. 975
Establishments with 100 employees or more	number.. 679
All employees ³	number.. 289 672
Total compensation	\$1,000.. 13 519 774
Annual payroll	\$1,000.. 10 594 414
Total fringe benefits	\$1,000.. 2 925 360
Production workers, average for year	number.. 219 964
Production workers on March 12	number.. 221 002
Production workers on May 12	number.. 221 634
Production workers on August 12	number.. 221 339
Production workers on November 12	number.. 215 468
Production worker hours	1,000.. 440 927
Production worker wages	\$1,000.. 6 863 117
Total cost of materials	\$1,000.. 42 377 024
Materials, parts, containers, packaging, etc., used	\$1,000.. 36 964 562
Resales	\$1,000.. 3 062 997
Purchased fuels	\$1,000.. 574 411
Purchased electricity	\$1,000.. 1 105 687
Contract work	\$1,000.. 669 367
Quantity of electricity purchased for heat and power	1,000 kWh.. 31 082 513
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 487 946
Total value of shipments	\$1,000.. 80 976 390
Value added	\$1,000.. 38 474 318
Total inventories, beginning of year	\$1,000.. 8 334 761
Finished goods inventories	\$1,000.. 3 070 515
Work-in-process inventories	\$1,000.. 2 211 824
Materials and supplies inventories	\$1,000.. 3 052 422
Total inventories, end of year	\$1,000.. 8 257 394
Finished goods inventories	\$1,000.. 3 118 209
Work-in-process inventories	\$1,000.. 2 070 131
Materials and supplies inventories	\$1,000.. 3 069 054
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 50 197 212
Total capital expenditures (new and used)	\$1,000.. 2 910 762
Buildings and other structures (new and used)	\$1,000.. 376 634
Machinery and equipment (new and used)	\$1,000.. 2 534 128
Automobiles, trucks, etc., for highway use	\$1,000.. 41 249
Computers and peripheral data processing equipment	\$1,000.. 109 609
All other expenditures for machinery and equipment	\$1,000.. 2 383 270
Total retirements	\$1,000.. 1 938 485
Gross value of depreciable assets at end of year	\$1,000.. 51 169 489
Depreciation charges during year	\$1,000.. 3 273 818
Total rental payments	\$1,000.. 499 617
Buildings and other structures	\$1,000.. 231 439
Machinery and equipment	\$1,000.. 268 178

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
SOUTH DAKOTA	
Companies ¹	number.. N
All establishments ²	number.. 926
Establishments with 1 to 19 employees	number.. 636
Establishments with 20 to 99 employees	number.. 195
Establishments with 100 employees or more	number.. 95
All employees ³	number.. 37 019
Total compensation	\$1,000.. 1 359 087
Annual payroll	\$1,000.. 1 096 775
Total fringe benefits	\$1,000.. 262 312
Production workers, average for year	number.. 28 584
Production workers on March 12	number.. 28 199
Production workers on May 12	number.. 28 580
Production workers on August 12	number.. 28 842
Production workers on November 12	number.. 28 651
Production worker hours	1,000.. 56 537
Production worker wages	\$1,000.. 744 044
Total cost of materials	\$1,000.. 5 508 704
Materials, parts, containers, packaging, etc., used	\$1,000.. 5 008 330
Resales	\$1,000.. 333 878
Purchased fuels	\$1,000.. 46 913
Purchased electricity	\$1,000.. 54 065
Contract work	\$1,000.. 65 518
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 110 558
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 10 710 187
Value added	\$1,000.. 5 176 605
Total inventories, beginning of year	\$1,000.. 967 804
Finished goods inventories	\$1,000.. 314 712
Work-in-process inventories	\$1,000.. 198 085
Materials and supplies inventories	\$1,000.. 455 007
Total inventories, end of year	\$1,000.. 830 292
Finished goods inventories	\$1,000.. 302 861
Work-in-process inventories	\$1,000.. 184 479
Materials and supplies inventories	\$1,000.. 342 952
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 2 703 637
Total capital expenditures (new and used)	\$1,000.. 193 948
Buildings and other structures (new and used)	\$1,000.. 34 941
Machinery and equipment (new and used)	\$1,000.. 159 007
Automobiles, trucks, etc., for highway use	\$1,000.. 9 175
Computers and peripheral data processing equipment	\$1,000.. 11 170
All other expenditures for machinery and equipment	\$1,000.. 138 662
Total retirements	\$1,000.. 126 234
Gross value of depreciable assets at end of year	\$1,000.. 2 771 351
Depreciation charges during year	\$1,000.. 184 752
Total rental payments	\$1,000.. 60 699
Buildings and other structures	\$1,000.. 28 684
Machinery and equipment	\$1,000.. 32 015
TENNESSEE	
Companies ¹	number.. N
All establishments ²	number.. 6 947
Establishments with 1 to 19 employees	number.. 4 401
Establishments with 20 to 99 employees	number.. 1 642
Establishments with 100 employees or more	number.. 904
All employees ³	number.. 411 984
Total compensation	\$1,000.. 19 080 762
Annual payroll	\$1,000.. 14 840 454
Total fringe benefits	\$1,000.. 4 240 308
Production workers, average for year	number.. 311 087
Production workers on March 12	number.. 312 174
Production workers on May 12	number.. 313 135
Production workers on August 12	number.. 311 661
Production workers on November 12	number.. 306 769
Production worker hours	1,000.. 616 811
Production worker wages	\$1,000.. 9 619 224
Total cost of materials	\$1,000.. 59 626 953
Materials, parts, containers, packaging, etc., used	\$1,000.. 53 488 092
Resales	\$1,000.. 3 611 872
Purchased fuels	\$1,000.. 709 085
Purchased electricity	\$1,000.. 1 134 873
Contract work	\$1,000.. 683 031
Quantity of electricity purchased for heat and power	1,000 kWh.. 28 683 067
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 2 458 509
Total value of shipments	\$1,000.. 109 285 149
Value added	\$1,000.. 49 816 315
Total inventories, beginning of year	\$1,000.. 9 947 427
Finished goods inventories	\$1,000.. 5 058 808
Work-in-process inventories	\$1,000.. 1 512 728
Materials and supplies inventories	\$1,000.. 3 375 891
Total inventories, end of year	\$1,000.. 10 227 476
Finished goods inventories	\$1,000.. 5 228 052
Work-in-process inventories	\$1,000.. 1 536 488
Materials and supplies inventories	\$1,000.. 3 462 936

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
TENNESSEE—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 51 789 304
Total capital expenditures (new and used)	\$1,000.. 4 524 088
Buildings and other structures (new and used)	\$1,000.. 731 491
Machinery and equipment (new and used)	\$1,000.. 3 792 597
Automobiles, trucks, etc., for highway use	\$1,000.. 333 850
Computers and peripheral data processing equipment	\$1,000.. 339 226
All other expenditures for machinery and equipment	\$1,000.. 3 119 521
Total retirements	\$1,000.. 2 210 965
Gross value of depreciable assets at end of year	\$1,000.. 54 102 427
Depreciation charges during year	\$1,000.. 3 497 443
Total rental payments	\$1,000.. 683 337
Buildings and other structures	\$1,000.. 326 234
Machinery and equipment	\$1,000.. 357 103
TEXAS	
Companies ¹	number.. N
All establishments ²	number.. 21 446
Establishments with 1 to 19 employees	number.. 15 113
Establishments with 20 to 99 employees	number.. 4 557
Establishments with 100 employees or more	number.. 1 776
All employees ³	number.. 855 303
Total compensation	\$1,000.. 42 429 821
Annual payroll	\$1,000.. 34 094 491
Total fringe benefits	\$1,000.. 8 335 330
Production workers, average for year	number.. 587 914
Production workers on March 12	number.. 589 438
Production workers on May 12	number.. 593 199
Production workers on August 12	number.. 589 772
Production workers on November 12	number.. 578 026
Production worker hours	1,000.. 1 177 559
Production worker wages	\$1,000.. 19 218 383
Total cost of materials	\$1,000.. 187 619 762
Materials, parts, containers, packaging, etc., used	\$1,000.. 168 783 336
Resales	\$1,000.. 7 055 061
Purchased fuels	\$1,000.. 5 700 220
Purchased electricity	\$1,000.. 3 209 825
Contract work	\$1,000.. 2 871 320
Quantity of electricity purchased for heat and power	1,000 kWh.. 74 313 931
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 22 718 743
Total value of shipments	\$1,000.. 310 743 683
Value added	\$1,000.. 124 431 691
Total inventories, beginning of year	\$1,000.. 28 291 707
Finished goods inventories	\$1,000.. 12 307 818
Work-in-process inventories	\$1,000.. 6 360 411
Materials and supplies inventories	\$1,000.. 9 623 478
Total inventories, end of year	\$1,000.. 29 880 064
Finished goods inventories	\$1,000.. 12 676 962
Work-in-process inventories	\$1,000.. 7 300 116
Materials and supplies inventories	\$1,000.. 9 902 986
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 158 966 205
Total capital expenditures (new and used)	\$1,000.. 9 913 816
Buildings and other structures (new and used)	\$1,000.. 1 523 935
Machinery and equipment (new and used)	\$1,000.. 8 389 881
Automobiles, trucks, etc., for highway use	\$1,000.. 210 334
Computers and peripheral data processing equipment	\$1,000.. 595 793
All other expenditures for machinery and equipment	\$1,000.. 7 583 754
Total retirements	\$1,000.. 6 163 455
Gross value of depreciable assets at end of year	\$1,000.. 162 716 566
Depreciation charges during year	\$1,000.. 9 263 535
Total rental payments	\$1,000.. 2 264 769
Buildings and other structures	\$1,000.. 1 075 726
Machinery and equipment	\$1,000.. 1 189 043
UTAH	
Companies ¹	number.. N
All establishments ²	number.. 3 061
Establishments with 1 to 19 employees	number.. 2 242
Establishments with 20 to 99 employees	number.. 601
Establishments with 100 employees or more	number.. 218
All employees ³	number.. 110 007
Total compensation	\$1,000.. 4 966 793
Annual payroll	\$1,000.. 4 003 961
Total fringe benefits	\$1,000.. 962 832
Production workers, average for year	number.. 74 007
Production workers on March 12	number.. 73 908
Production workers on May 12	number.. 73 902
Production workers on August 12	number.. 74 101
Production workers on November 12	number.. 73 940
Production worker hours	1,000.. 142 466
Production worker wages	\$1,000.. 2 158 629
Total cost of materials	\$1,000.. 12 900 605
Materials, parts, containers, packaging, etc., used	\$1,000.. 11 482 405
Resales	\$1,000.. 926 421
Purchased fuels	\$1,000.. 126 891
Purchased electricity	\$1,000.. 197 152
Contract work	\$1,000.. 167 736
Quantity of electricity purchased for heat and power	1,000 kWh.. 4 796 044
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
UTAH—Con.	
Total value of shipments	\$1,000.. 25 104 045
Value added	\$1,000.. 12 158 925
Total inventories, beginning of year	\$1,000.. 2 709 860
Finished goods inventories	\$1,000.. 1 042 018
Work-in-process inventories	\$1,000.. 759 153
Materials and supplies inventories	\$1,000.. 908 689
Total inventories, end of year	\$1,000.. 2 652 258
Finished goods inventories	\$1,000.. 1 096 427
Work-in-process inventories	\$1,000.. 664 963
Materials and supplies inventories	\$1,000.. 890 868
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 10 295 118
Total capital expenditures (new and used)	\$1,000.. 786 006
Buildings and other structures (new and used)	\$1,000.. 137 826
Machinery and equipment (new and used)	\$1,000.. 648 180
Automobiles, trucks, etc., for highway use	\$1,000.. 21 568
Computers and peripheral data processing equipment	\$1,000.. 54 927
All other expenditures for machinery and equipment	\$1,000.. 571 685
Total retirements	\$1,000.. 464 872
Gross value of depreciable assets at end of year	\$1,000.. 10 616 252
Depreciation charges during year	\$1,000.. 949 697
Total rental payments	\$1,000.. 278 035
Buildings and other structures	\$1,000.. 149 385
Machinery and equipment	\$1,000.. 128 650
VERMONT	
Companies ¹	number.. N
All establishments ²	number.. 1 176
Establishments with 1 to 19 employees	number.. 857
Establishments with 20 to 99 employees	number.. 234
Establishments with 100 employees or more	number.. 85
All employees ³	number.. 43 827
Total compensation	\$1,000.. 2 193 022
Annual payroll	\$1,000.. 1 757 617
Total fringe benefits	\$1,000.. 435 405
Production workers, average for year	number.. 28 429
Production workers on March 12	number.. 28 554
Production workers on May 12	number.. 28 462
Production workers on August 12	number.. 28 412
Production workers on November 12	number.. 28 203
Production worker hours	\$1,000.. 56 847
Production worker wages	\$1,000.. 937 746
Total cost of materials	\$1,000.. 4 299 539
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 488 333
Resales	\$1,000.. 336 370
Purchased fuels	\$1,000.. 31 531
Purchased electricity	\$1,000.. 110 340
Contract work	\$1,000.. 332 965
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 359 920
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 9 661 516
Value added	\$1,000.. 5 164 892
Total inventories, beginning of year	\$1,000.. 1 461 004
Finished goods inventories	\$1,000.. 294 908
Work-in-process inventories	\$1,000.. 862 903
Materials and supplies inventories	\$1,000.. 303 193
Total inventories, end of year	\$1,000.. 1 326 187
Finished goods inventories	\$1,000.. 297 880
Work-in-process inventories	\$1,000.. 666 918
Materials and supplies inventories	\$1,000.. 361 389
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 6 109 002
Total capital expenditures (new and used)	\$1,000.. 450 230
Buildings and other structures (new and used)	\$1,000.. 61 447
Machinery and equipment (new and used)	\$1,000.. 388 783
Automobiles, trucks, etc., for highway use	\$1,000.. 9 456
Computers and peripheral data processing equipment	\$1,000.. 13 057
All other expenditures for machinery and equipment	\$1,000.. 366 270
Total retirements	\$1,000.. 730 290
Gross value of depreciable assets at end of year	\$1,000.. 5 828 942
Depreciation charges during year	\$1,000.. 506 952
Total rental payments	\$1,000.. 228 989
Buildings and other structures	\$1,000.. 49 828
Machinery and equipment	\$1,000.. 179 161
VIRGINIA	
Companies ¹	number.. N
All establishments ²	number.. 5 909
Establishments with 1 to 19 employees	number.. 4 008
Establishments with 20 to 99 employees	number.. 1 273
Establishments with 100 employees or more	number.. 628
All employees ³	number.. 311 787
Total compensation	\$1,000.. 14 865 560
Annual payroll	\$1,000.. 11 632 963
Total fringe benefits	\$1,000.. 3 232 597
Production workers, average for year	number.. 229 590
Production workers on March 12	number.. 227 141
Production workers on May 12	number.. 231 781
Production workers on August 12	number.. 229 749
Production workers on November 12	number.. 229 237

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
VIRGINIA—Con.	
Production worker hours	1,000.. 462 114
Production worker wages	\$1,000.. 7 293 991
Total cost of materials	\$1,000.. 35 696 427
Materials, parts, containers, packaging, etc., used	\$1,000.. 31 829 483
Resales	\$1,000.. 1 839 689
Purchased fuels	\$1,000.. 593 865
Purchased electricity	\$1,000.. 768 513
Contract work	\$1,000.. 664 877
Quantity of electricity purchased for heat and power	1,000 kWh.. 18 650 255
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 83 952 547
Value added	\$1,000.. 48 261 833
Total inventories, beginning of year	\$1,000.. 9 144 380
Finished goods inventories	\$1,000.. 2 864 472
Work-in-process inventories	\$1,000.. 1 765 634
Materials and supplies inventories	\$1,000.. 4 514 274
Total inventories, end of year	\$1,000.. 8 986 690
Finished goods inventories	\$1,000.. 2 823 284
Work-in-process inventories	\$1,000.. 1 744 050
Materials and supplies inventories	\$1,000.. 4 419 356
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 37 288 101
Total capital expenditures (new and used)	\$1,000.. 2 384 729
Buildings and other structures (new and used)	\$1,000.. 383 475
Machinery and equipment (new and used)	\$1,000.. 2 001 254
Automobiles, trucks, etc., for highway use	\$1,000.. 69 077
Computers and peripheral data processing equipment	\$1,000.. 140 817
All other expenditures for machinery and equipment	\$1,000.. 1 791 360
Total retirements	\$1,000.. 1 126 382
Gross value of depreciable assets at end of year	\$1,000.. 38 546 448
Depreciation charges during year	\$1,000.. 2 259 625
Total rental payments	\$1,000.. 568 606
Buildings and other structures	\$1,000.. 284 083
Machinery and equipment	\$1,000.. 284 523
WASHINGTON	
Companies ¹	number.. N
All establishments ²	number.. 7 535
Establishments with 1 to 19 employees	number.. 5 558
Establishments with 20 to 99 employees	number.. 1 479
Establishments with 100 employees or more	number.. 498
All employees ³	number.. 265 010
Total compensation	\$1,000.. 14 405 153
Annual payroll	\$1,000.. 11 163 873
Total fringe benefits	\$1,000.. 3 241 280
Production workers, average for year	number.. 167 547
Production workers on March 12	number.. 168 011
Production workers on May 12	number.. 168 942
Production workers on August 12	number.. 168 807
Production workers on November 12	number.. 164 084
Production worker hours	1,000.. 333 980
Production worker wages	\$1,000.. 6 038 160
Total cost of materials	\$1,000.. 42 418 619
Materials, parts, containers, packaging, etc., used	\$1,000.. 38 404 849
Resales	\$1,000.. 2 015 673
Purchased fuels	\$1,000.. 541 373
Purchased electricity	\$1,000.. 920 653
Contract work	\$1,000.. 536 071
Quantity of electricity purchased for heat and power	1,000 kWh.. 24 291 346
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -1 231 369
Total value of shipments	\$1,000.. 79 303 026
Value added	\$1,000.. 35 387 693
Total inventories, beginning of year	\$1,000.. 18 548 578
Finished goods inventories	\$1,000.. 3 832 089
Work-in-process inventories	\$1,000.. 11 592 553
Materials and supplies inventories	\$1,000.. 3 123 936
Total inventories, end of year	\$1,000.. 16 790 676
Finished goods inventories	\$1,000.. 3 685 776
Work-in-process inventories	\$1,000.. 10 160 955
Materials and supplies inventories	\$1,000.. 2 943 945
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 33 856 793
Total capital expenditures (new and used)	\$1,000.. 1 769 708
Buildings and other structures (new and used)	\$1,000.. 265 346
Machinery and equipment (new and used)	\$1,000.. 1 504 362
Automobiles, trucks, etc., for highway use	\$1,000.. 49 980
Computers and peripheral data processing equipment	\$1,000.. 122 677
All other expenditures for machinery and equipment	\$1,000.. 1 331 705
Total retirements	\$1,000.. 1 112 274
Gross value of depreciable assets at end of year	\$1,000.. 34 514 227
Depreciation charges during year	\$1,000.. 1 982 063
Total rental payments	\$1,000.. 954 623
Buildings and other structures	\$1,000.. 445 880
Machinery and equipment	\$1,000.. 508 743

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
WEST VIRGINIA	
Companies ¹	number.. N
All establishments ²	number.. 1 480
Establishments with 1 to 19 employees	number.. 991
Establishments with 20 to 99 employees	number.. 353
Establishments with 100 employees or more	number.. 136
All employees ³	number.. 67 319
Total compensation	\$1,000.. 3 427 587
Annual payroll	\$1,000.. 2 586 956
Total fringe benefits	\$1,000.. 840 631
Production workers, average for year	number.. 50 443
Production workers on March 12	number.. 50 472
Production workers on May 12	number.. 50 745
Production workers on August 12	number.. 50 663
Production workers on November 12	number.. 49 789
Production worker hours	1,000.. 101 570
Production worker wages	\$1,000.. 1 695 796
Total cost of materials	\$1,000.. 10 965 884
Materials, parts, containers, packaging, etc., used	\$1,000.. 9 367 037
Resales	\$1,000.. 730 966
Purchased fuels	\$1,000.. 334 247
Purchased electricity	\$1,000.. 334 139
Contract work	\$1,000.. 199 495
Quantity of electricity purchased for heat and power	1,000 kWh.. 8 649 953
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 658 491
Total value of shipments	\$1,000.. 18 911 332
Value added	\$1,000.. 7 983 845
Total inventories, beginning of year	\$1,000.. 2 464 840
Finished goods inventories	\$1,000.. 1 044 680
Work-in-process inventories	\$1,000.. 543 697
Materials and supplies inventories	\$1,000.. 876 463
Total inventories, end of year	\$1,000.. 2 449 566
Finished goods inventories	\$1,000.. 1 046 760
Work-in-process inventories	\$1,000.. 580 851
Materials and supplies inventories	\$1,000.. 821 955
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 13 224 640
Total capital expenditures (new and used)	\$1,000.. 675 453
Buildings and other structures (new and used)	\$1,000.. 69 581
Machinery and equipment (new and used)	\$1,000.. 605 872
Automobiles, trucks, etc., for highway use	\$1,000.. 13 257
Computers and peripheral data processing equipment	\$1,000.. 21 539
All other expenditures for machinery and equipment	\$1,000.. 571 076
Total retirements	\$1,000.. 391 215
Gross value of depreciable assets at end of year	\$1,000.. 13 508 878
Depreciation charges during year	\$1,000.. 858 796
Total rental payments	\$1,000.. 120 804
Buildings and other structures	\$1,000.. 49 537
Machinery and equipment	\$1,000.. 71 267
WISCONSIN	
Companies ¹	number.. N
All establishments ²	number.. 9 914
Establishments with 1 to 19 employees	number.. 6 201
Establishments with 20 to 99 employees	number.. 2 522
Establishments with 100 employees or more	number.. 1 191
All employees ³	number.. 503 147
Total compensation	\$1,000.. 24 651 669
Annual payroll	\$1,000.. 19 331 297
Total fringe benefits	\$1,000.. 5 320 372
Production workers, average for year	number.. 364 693
Production workers on March 12	number.. 362 760
Production workers on May 12	number.. 364 792
Production workers on August 12	number.. 368 924
Production workers on November 12	number.. 361 438
Production worker hours	1,000.. 709 793
Production worker wages	\$1,000.. 12 051 684
Total cost of materials	\$1,000.. 62 991 023
Materials, parts, containers, packaging, etc., used	\$1,000.. 55 141 050
Resales	\$1,000.. 4 818 705
Purchased fuels	\$1,000.. 786 043
Purchased electricity	\$1,000.. 1 128 546
Contract work	\$1,000.. 1 116 679
Quantity of electricity purchased for heat and power	1,000 kWh.. 26 267 336
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 124 649 845
Value added	\$1,000.. 61 478 322
Total inventories, beginning of year	\$1,000.. 12 089 172
Finished goods inventories	\$1,000.. 5 192 803
Work-in-process inventories	\$1,000.. 2 568 975
Materials and supplies inventories	\$1,000.. 4 327 394
Total inventories, end of year	\$1,000.. 11 993 230
Finished goods inventories	\$1,000.. 5 147 205
Work-in-process inventories	\$1,000.. 2 447 716
Materials and supplies inventories	\$1,000.. 4 398 309

See footnotes at end of table.

Table 8. Detailed Statistics by States: 2002—Con.

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

Item	Value
WISCONSIN—Con.	
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 50 967 157
Total capital expenditures (new and used)	\$1,000.. 3 284 922
Buildings and other structures (new and used)	\$1,000.. 459 958
Machinery and equipment (new and used)	\$1,000.. 2 824 964
Automobiles, trucks, etc., for highway use	\$1,000.. 108 581
Computers and peripheral data processing equipment	\$1,000.. 233 234
All other expenditures for machinery and equipment	\$1,000.. 2 483 149
Total retirements	\$1,000.. 1 895 167
Gross value of depreciable assets at end of year	\$1,000.. 52 356 912
Depreciation charges during year	\$1,000.. 3 544 859
Total rental payments	\$1,000.. 1 071 989
Buildings and other structures	\$1,000.. 600 558
Machinery and equipment	\$1,000.. 471 431
WYOMING	
Companies ¹	number.. N
All establishments ²	number.. 560
Establishments with 1 to 19 employees	number.. 458
Establishments with 20 to 99 employees	number.. 75
Establishments with 100 employees or more	number.. 27
All employees ³	number.. 9 608
Total compensation	\$1,000.. 449 125
Annual payroll	\$1,000.. 364 592
Total fringe benefits	\$1,000.. 84 533
Production workers, average for year	number.. 7 273
Production workers on March 12	number.. 7 181
Production workers on May 12	number.. 7 285
Production workers on August 12	number.. 7 285
Production workers on November 12	number.. 7 318
Production worker hours	1,000.. 13 859
Production worker wages	\$1,000.. 253 196
Total cost of materials	\$1,000.. 2 657 972
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 254 706
Resales	\$1,000.. 184 432
Purchased fuels	\$1,000.. 85 167
Purchased electricity	\$1,000.. 96 641
Contract work	\$1,000.. 37 026
Quantity of electricity purchased for heat and power	1,000 kWh.. 3 047 939
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 4 061 516
Value added	\$1,000.. 1 430 036
Total inventories, beginning of year	\$1,000.. 288 041
Finished goods inventories	\$1,000.. 122 445
Work-in-process inventories	\$1,000.. 50 097
Materials and supplies inventories	\$1,000.. 115 499
Total inventories, end of year	\$1,000.. 307 304
Finished goods inventories	\$1,000.. 150 585
Work-in-process inventories	\$1,000.. 48 469
Materials and supplies inventories	\$1,000.. 108 250
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 2 510 177
Total capital expenditures (new and used)	\$1,000.. 102 325
Buildings and other structures (new and used)	\$1,000.. 13 191
Machinery and equipment (new and used)	\$1,000.. 89 134
Automobiles, trucks, etc., for highway use	\$1,000.. 3 723
Computers and peripheral data processing equipment	\$1,000.. 3 904
All other expenditures for machinery and equipment	\$1,000.. 81 507
Total retirements	\$1,000.. 89 585
Gross value of depreciable assets at end of year	\$1,000.. 2 522 917
Depreciation charges during year	\$1,000.. 155 714
Total rental payments	\$1,000.. 27 774
Buildings and other structures	\$1,000.. 15 720
Machinery and equipment	\$1,000.. 12 054

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.

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

Table 9. Method of Inventory Valuation by Subsector: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Percent of total	Absolute standard error (percent)
31-33, Manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	23.2	X
Non-LIFO inventory methods	76.8	X
First-in, First-out (FIFO)	24.9	.2
Average cost	16.1	.1
Standard cost	30.0	.2
Other non-LIFO inventory methods, including market	5.8	.1
311, Food manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	14.0	X
Non-LIFO inventory methods	86.0	X
First-in, First-out (FIFO)	32.0	.6
Average cost	16.9	.4
Standard cost	29.2	.5
Other non-LIFO inventory methods, including market	7.9	.2
312, Beverage and tobacco product manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	53.5	X
Non-LIFO inventory methods	46.5	X
First-in, First-out (FIFO)	12.8	1.1
Average cost	6.6	.4
Standard cost	26.1	1.0
Other non-LIFO inventory methods, including market	1.0	.2
313, Textile mills		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	28.7	X
Non-LIFO inventory methods	71.3	X
First-in, First-out (FIFO)	33.5	1.8
Average cost	11.2	2.6
Standard cost	24.1	1.4
Other non-LIFO inventory methods, including market	2.5	.3
314, Textile product mills		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	26.4	X
Non-LIFO inventory methods	73.6	X
First-in, First-out (FIFO)	24.1	1.9
Average cost	11.9	1.5
Standard cost	33.2	1.8
Other non-LIFO inventory methods, including market	4.4	1.6
315, Apparel manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	9.1	X
Non-LIFO inventory methods	90.9	X
First-in, First-out (FIFO)	33.9	1.7
Average cost	8.4	1.3
Standard cost	41.3	2.1
Other non-LIFO inventory methods, including market	7.3	.5
316, Leather and allied product manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	20.9	X
Non-LIFO inventory methods	79.1	X
First-in, First-out (FIFO)	25.0	2.9
Average cost	12.0	3.3
Standard cost	38.6	4.4
Other non-LIFO inventory methods, including market	3.5	.4
321, Wood product manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	22.7	X
Non-LIFO inventory methods	77.3	X
First-in, First-out (FIFO)	27.2	1.0
Average cost	24.1	.8
Standard cost	20.2	.7
Other non-LIFO inventory methods, including market	5.8	.5
322, Paper manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	30.2	X
Non-LIFO inventory methods	69.8	X
First-in, First-out (FIFO)	21.2	.5
Average cost	23.6	.3
Standard cost	21.4	.4
Other non-LIFO inventory methods, including market	3.5	.1

See footnotes at end of table.

Table 9. Method of Inventory Valuation by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Percent of total	Absolute standard error (percent)
31-33, Manufacturing—Con.		
323, Printing and related support activities		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	17.3	X
Non-LIFO inventory methods	82.7	X
First-in, First-out (FIFO)	38.7	1.2
Average cost	16.4	1.3
Standard cost	23.6	1.1
Other non-LIFO inventory methods, including market	4.0	.3
324, Petroleum and coal products manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	76.1	X
Non-LIFO inventory methods	23.9	X
First-in, First-out (FIFO)	7.4	.2
Average cost	8.2	.3
Standard cost	6.5	.2
Other non-LIFO inventory methods, including market	1.7	.1
325, Chemical manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	31.4	X
Non-LIFO inventory methods	68.6	X
First-in, First-out (FIFO)	23.6	.9
Average cost	12.6	.8
Standard cost	29.0	.8
Other non-LIFO inventory methods, including market	3.4	.4
326, Plastics and rubber products manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	21.9	X
Non-LIFO inventory methods	78.1	X
First-in, First-out (FIFO)	30.5	.6
Average cost	10.7	.5
Standard cost	34.1	.6
Other non-LIFO inventory methods, including market	2.8	.2
327, Nonmetallic mineral product manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	23.1	X
Non-LIFO inventory methods	76.9	X
First-in, First-out (FIFO)	25.7	.6
Average cost	20.2	.6
Standard cost	28.7	.7
Other non-LIFO inventory methods, including market	2.3	.1
331, Primary metal manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	37.5	X
Non-LIFO inventory methods	62.5	X
First-in, First-out (FIFO)	22.1	.4
Average cost	17.1	.5
Standard cost	19.2	.3
Other non-LIFO inventory methods, including market	4.1	.1
332, Fabricated metal product manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	21.2	X
Non-LIFO inventory methods	78.8	X
First-in, First-out (FIFO)	27.1	.5
Average cost	12.9	.5
Standard cost	34.2	.6
Other non-LIFO inventory methods, including market	4.6	.3
333, Machinery manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	25.9	X
Non-LIFO inventory methods	74.1	X
First-in, First-out (FIFO)	25.2	.5
Average cost	8.3	.5
Standard cost	35.7	.6
Other non-LIFO inventory methods, including market	5.0	.5
334, Computer and electronic product manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	5.6	X
Non-LIFO inventory methods	94.4	X
First-in, First-out (FIFO)	25.4	.6
Average cost	17.9	.3
Standard cost	45.9	.5
Other non-LIFO inventory methods, including market	5.2	.1

See footnotes at end of table.

Table 9. Method of Inventory Valuation by Subsector: 2002—Con.

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Percent of total	Absolute standard error (percent)
31-33, Manufacturing—Con.		
335, Electrical equipment, appliance, and component manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	25.5	X
Non-LIFO inventory methods	74.5	X
First-in, First-out (FIFO)	23.8	.7
Average cost	7.8	.5
Standard cost	38.8	.7
Other non-LIFO inventory methods, including market	4.0	.2
336, Transportation equipment manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	12.1	X
Non-LIFO inventory methods	87.9	X
First-in, First-out (FIFO)	23.4	.5
Average cost	30.5	.4
Standard cost	20.0	.5
Other non-LIFO inventory methods, including market	13.9	.2
337, Furniture and related product manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	22.1	X
Non-LIFO inventory methods	77.9	X
First-in, First-out (FIFO)	30.2	1.2
Average cost	9.8	.8
Standard cost	34.8	1.5
Other non-LIFO inventory methods, including market	3.0	.5
339, Miscellaneous manufacturing		
Total inventories	100.0	X
Last-in, First-out (LIFO) inventory methods	13.1	X
Non-LIFO inventory methods	86.9	X
First-in, First-out (FIFO)	28.7	.9
Average cost	9.4	.8
Standard cost	45.1	1.0
Other non-LIFO inventory methods, including market	3.7	.4

Note 1: Percentages shown for LIFO and non-LIFO totals and categories are based on census universe estimates included in Table 10. Percentages shown for specific non-LIFO inventory methods of valuation (e.g. FIFO, etc.) are based on a representative sample of establishments included in the Annual Survey of Manufactures (ASM) panel for 2002 (see Appendix C for description of the ASM). Absolute standard error of each ASM estimate is shown above.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and 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.

Table 10. Inventories With LIFO Valuation by Subsector: 2002

[Thousand dollars. Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing	
Total inventories, beginning of year	418 649 229
Subject to Last-in, First-out (LIFO) inventory costing ¹	102 766 481
LIFO reserve	22 211 420
LIFO value	80 555 061
Not subject to LIFO inventory costing	315 882 748
Total inventories, end of year	412 502 037
Subject to Last-in, First-out (LIFO) inventory costing ¹	95 798 049
LIFO reserve	21 594 578
LIFO value	74 203 471
Not subject to LIFO inventory costing	316 703 987
311, Food manufacturing	
Total inventories, beginning of year	30 364 044
Subject to Last-in, First-out (LIFO) inventory costing ¹	5 482 213
LIFO reserve	487 743
LIFO value	4 994 470
Not subject to LIFO inventory costing	24 881 831
Total inventories, end of year	31 450 940
Subject to Last-in, First-out (LIFO) inventory costing ¹	4 398 465
LIFO reserve	477 671
LIFO value	3 920 794
Not subject to LIFO inventory costing	27 052 475
312, Beverage and tobacco product manufacturing	
Total inventories, beginning of year	14 728 888
Subject to Last-in, First-out (LIFO) inventory costing ¹	8 147 681
LIFO reserve	2 914 556
LIFO value	5 233 125
Not subject to LIFO inventory costing	6 581 207
Total inventories, end of year	14 878 515
Subject to Last-in, First-out (LIFO) inventory costing ¹	7 956 387
LIFO reserve	2 874 410
LIFO value	5 081 977
Not subject to LIFO inventory costing	6 922 128
313, Textile mills	
Total inventories, beginning of year	5 178 370
Subject to Last-in, First-out (LIFO) inventory costing ¹	1 715 971
LIFO reserve	289 079
LIFO value	1 426 892
Not subject to LIFO inventory costing	3 462 399
Total inventories, end of year	4 782 876
Subject to Last-in, First-out (LIFO) inventory costing ¹	1 371 889
LIFO reserve	179 093
LIFO value	1 192 796
Not subject to LIFO inventory costing	3 410 987
314, Textile product mills	
Total inventories, beginning of year	4 406 452
Subject to Last-in, First-out (LIFO) inventory costing ¹	981 690
LIFO reserve	64 458
LIFO value	917 232
Not subject to LIFO inventory costing	3 424 762
Total inventories, end of year	3 372 573
Subject to Last-in, First-out (LIFO) inventory costing ¹	889 463
LIFO reserve	111 271
LIFO value	778 192
Not subject to LIFO inventory costing	2 483 110
315, Apparel manufacturing	
Total inventories, beginning of year	6 064 100
Subject to Last-in, First-out (LIFO) inventory costing ¹	810 891
LIFO reserve	185 294
LIFO value	625 597
Not subject to LIFO inventory costing	5 253 209
Total inventories, end of year	5 803 540
Subject to Last-in, First-out (LIFO) inventory costing ¹	527 868
LIFO reserve	101 977
LIFO value	425 891
Not subject to LIFO inventory costing	5 275 672
316, Leather and allied product manufacturing	
Total inventories, beginning of year	972 890
Subject to Last-in, First-out (LIFO) inventory costing ¹	260 488
LIFO reserve	66 704
LIFO value	193 784
Not subject to LIFO inventory costing	712 402
Total inventories, end of year	863 630
Subject to Last-in, First-out (LIFO) inventory costing ¹	180 356
LIFO reserve	49 443
LIFO value	130 913
Not subject to LIFO inventory costing	683 274

See footnotes at end of table.

Table 10. Inventories With LIFO Valuation by Subsector: 2002—Con.

[Thousand dollars. Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
321, Wood product manufacturing	
Total inventories, beginning of year	9 309 244
Subject to Last-in, First-out (LIFO) inventory costing ¹	2 401 920
LIFO reserve	572 578
LIFO value	1 829 342
Not subject to LIFO inventory costing	6 907 324
Total inventories, end of year	9 520 383
Subject to Last-in, First-out (LIFO) inventory costing ¹	2 164 843
LIFO reserve	500 076
LIFO value	1 664 767
Not subject to LIFO inventory costing	7 355 540
322, Paper manufacturing	
Total inventories, beginning of year	14 020 788
Subject to Last-in, First-out (LIFO) inventory costing ¹	4 859 888
LIFO reserve	993 242
LIFO value	3 866 646
Not subject to LIFO inventory costing	9 160 900
Total inventories, end of year	14 280 737
Subject to Last-in, First-out (LIFO) inventory costing ¹	4 316 764
LIFO reserve	720 800
LIFO value	3 595 964
Not subject to LIFO inventory costing	9 963 973
323, Printing and related support activities	
Total inventories, beginning of year	5 822 662
Subject to Last-in, First-out (LIFO) inventory costing ¹	1 179 758
LIFO reserve	200 162
LIFO value	979 596
Not subject to LIFO inventory costing	4 642 904
Total inventories, end of year	5 789 312
Subject to Last-in, First-out (LIFO) inventory costing ¹	1 004 223
LIFO reserve	131 547
LIFO value	872 676
Not subject to LIFO inventory costing	4 785 089
324, Petroleum and coal products manufacturing	
Total inventories, beginning of year	12 595 374
Subject to Last-in, First-out (LIFO) inventory costing ¹	9 738 771
LIFO reserve	3 089 981
LIFO value	6 648 790
Not subject to LIFO inventory costing	2 856 603
Total inventories, end of year	14 239 292
Subject to Last-in, First-out (LIFO) inventory costing ¹	10 831 022
LIFO reserve	4 450 028
LIFO value	6 380 994
Not subject to LIFO inventory costing	3 408 270
325, Chemical manufacturing	
Total inventories, beginning of year	48 081 427
Subject to Last-in, First-out (LIFO) inventory costing ¹	16 643 053
LIFO reserve	3 401 164
LIFO value	13 241 889
Not subject to LIFO inventory costing	31 438 374
Total inventories, end of year	48 460 534
Subject to Last-in, First-out (LIFO) inventory costing ¹	15 233 459
LIFO reserve	2 837 088
LIFO value	12 396 371
Not subject to LIFO inventory costing	33 227 074
326, Plastics and rubber products manufacturing	
Total inventories, beginning of year	15 532 485
Subject to Last-in, First-out (LIFO) inventory costing ¹	3 766 042
LIFO reserve	665 934
LIFO value	3 100 108
Not subject to LIFO inventory costing	11 766 443
Total inventories, end of year	15 793 501
Subject to Last-in, First-out (LIFO) inventory costing ¹	3 461 592
LIFO reserve	555 482
LIFO value	2 906 110
Not subject to LIFO inventory costing	12 331 909
327, Nonmetallic mineral product manufacturing	
Total inventories, beginning of year	9 289 530
Subject to Last-in, First-out (LIFO) inventory costing ¹	2 287 789
LIFO reserve	438 480
LIFO value	1 849 309
Not subject to LIFO inventory costing	7 001 741
Total inventories, end of year	9 496 757
Subject to Last-in, First-out (LIFO) inventory costing ¹	2 197 670
LIFO reserve	433 985
LIFO value	1 763 685
Not subject to LIFO inventory costing	7 299 087

See footnotes at end of table.

Table 10. Inventories With LIFO Valuation by Subsector: 2002—Con.

[Thousand dollars. Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
331, Primary metal manufacturing	
Total inventories, beginning of year	19 651 738
Subject to Last-in, First-out (LIFO) inventory costing ¹	7 490 465
LIFO reserve	1 278 248
LIFO value	6 212 217
Not subject to LIFO inventory costing	12 161 273
Total inventories, end of year	19 554 785
Subject to Last-in, First-out (LIFO) inventory costing ¹	7 342 798
LIFO reserve	1 254 268
LIFO value	6 088 530
Not subject to LIFO inventory costing	12 211 987
332, Fabricated metal product manufacturing	
Total inventories, beginning of year	30 822 435
Subject to Last-in, First-out (LIFO) inventory costing ¹	6 943 256
LIFO reserve	1 427 971
LIFO value	5 515 285
Not subject to LIFO inventory costing	23 879 179
Total inventories, end of year	30 765 912
Subject to Last-in, First-out (LIFO) inventory costing ¹	6 510 816
LIFO reserve	1 322 326
LIFO value	5 188 490
Not subject to LIFO inventory costing	24 255 096
333, Machinery manufacturing	
Total inventories, beginning of year	42 332 119
Subject to Last-in, First-out (LIFO) inventory costing ¹	12 390 275
LIFO reserve	2 746 625
LIFO value	9 643 650
Not subject to LIFO inventory costing	29 941 844
Total inventories, end of year	40 390 201
Subject to Last-in, First-out (LIFO) inventory costing ¹	10 457 139
LIFO reserve	2 438 787
LIFO value	8 018 352
Not subject to LIFO inventory costing	29 933 062
334, Computer and electronic product manufacturing	
Total inventories, beginning of year	49 576 087
Subject to Last-in, First-out (LIFO) inventory costing ¹	1 842 058
LIFO reserve	351 145
LIFO value	1 490 913
Not subject to LIFO inventory costing	47 734 029
Total inventories, end of year	44 791 720
Subject to Last-in, First-out (LIFO) inventory costing ¹	2 486 020
LIFO reserve	551 576
LIFO value	1 934 444
Not subject to LIFO inventory costing	42 305 700
335, Electrical equipment, appliance, and component manufacturing	
Total inventories, beginning of year	12 628 896
Subject to Last-in, First-out (LIFO) inventory costing ¹	3 697 385
LIFO reserve	786 385
LIFO value	2 911 000
Not subject to LIFO inventory costing	8 931 511
Total inventories, end of year	12 102 623
Subject to Last-in, First-out (LIFO) inventory costing ¹	3 091 408
LIFO reserve	571 525
LIFO value	2 519 883
Not subject to LIFO inventory costing	9 011 215
336, Transportation equipment manufacturing	
Total inventories, beginning of year	62 098 238
Subject to Last-in, First-out (LIFO) inventory costing ¹	7 871 040
LIFO reserve	1 476 971
LIFO value	6 394 069
Not subject to LIFO inventory costing	54 227 198
Total inventories, end of year	60 972 686
Subject to Last-in, First-out (LIFO) inventory costing ¹	7 386 034
LIFO reserve	1 333 417
LIFO value	6 052 617
Not subject to LIFO inventory costing	53 586 652
337, Furniture and related product manufacturing	
Total inventories, beginning of year	7 387 582
Subject to Last-in, First-out (LIFO) inventory costing ¹	1 718 726
LIFO reserve	351 976
LIFO value	1 366 750
Not subject to LIFO inventory costing	5 668 856
Total inventories, end of year	7 702 205
Subject to Last-in, First-out (LIFO) inventory costing ¹	1 705 509
LIFO reserve	292 963
LIFO value	1 412 546
Not subject to LIFO inventory costing	5 996 696

See footnotes at end of table.

Table 10. Inventories With LIFO Valuation by Subsector: 2002—Con.

[Thousand dollars. Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
31-33, Manufacturing—Con.	
339, Miscellaneous manufacturing	
Total inventories, beginning of year	17 785 880
Subject to Last-in, First-out (LIFO) inventory costing ¹	2 537 121
LIFO reserve	422 724
LIFO value	2 114 397
Not subject to LIFO inventory costing	15 248 759
Total inventories, end of year	17 489 315
Subject to Last-in, First-out (LIFO) inventory costing ¹	2 284 324
LIFO reserve	406 845
LIFO value	1 877 479
Not subject to LIFO inventory costing	15 204 991

¹Only includes data reported by respondents who indicated an amount of inventories subject to LIFO cost and provided sufficient information to determine associated LIFO reserve and value figures.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and 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.

Table 11. Industry Statistics for Subsectors by Legal Form of Organization: 2002

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

Industry and legal form of organization	Companies 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)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
31-33, Manufacturing											
Total	303 965	350 828	14 699 536	576 170 541	10 343 449	20 453 699	336 967 174	1 887 792 650	2 025 061 815	3 916 136 712	125 536 189
Legal form of organization:											
Corporate	242 138	285 204	13 560 029	535 483 343	9 516 279	18 829 549	312 227 480	1 739 601 851	1 823 219 084	3 566 437 755	115 900 294
Noncorporate	61 827	65 624	1 139 507	40 687 198	827 170	1 624 150	24 739 694	148 190 799	201 842 731	349 698 957	9 635 895
Individual proprietorship ..	35 535	35 668	138 817	3 930 853	105 035	183 389	2 493 364	8 277 240	8 601 377	16 845 237	493 315
Partnership	19 733	22 790	848 624	30 931 556	615 018	1 227 532	19 082 877	121 502 997	162 185 308	283 581 684	7 789 433
Other noncorporate and unknown	6 559	7 166	152 066	5 824 789	107 117	213 229	3 163 453	18 410 562	31 056 046	49 272 036	1 353 147
311, Food manufacturing											
Total	23 344	27 915	1 506 932	45 519 634	1 140 558	2 283 779	30 300 142	203 639 578	255 831 027	458 786 540	10 954 121
Legal form of organization:											
Corporate	16 061	19 856	1 295 215	39 292 241	977 793	1 956 408	26 023 223	176 924 073	209 992 171	386 504 221	9 424 191
Noncorporate	7 283	8 059	211 717	6 227 393	162 765	327 371	4 276 919	26 715 505	45 838 856	72 282 319	1 529 930
Individual proprietorship ..	4 119	4 151	22 231	514 744	15 631	28 742	335 328	1 116 949	2 313 645	3 434 018	62 198
Partnership	2 306	2 740	119 777	3 662 493	91 023	185 911	2 487 740	17 690 606	23 819 572	41 428 450	889 336
Other noncorporate and unknown	858	1 168	69 709	2 050 156	56 111	112 718	1 453 851	7 907 950	19 705 639	27 419 851	578 396
312, Beverage and tobacco product manufacturing											
Total	2 533	3 025	160 305	6 923 024	87 463	172 876	3 366 869	66 699 254	39 204 252	105 714 263	3 362 043
Legal form of organization:											
Corporate	1 733	2 149	136 395	5 939 248	77 861	153 706	3 037 184	60 136 532	33 597 997	93 597 722	2 757 647
Noncorporate	800	876	23 910	983 776	9 602	19 170	329 685	6 562 722	5 606 255	12 116 541	604 396
Individual proprietorship ..	230	230	881	24 981	450	749	8 399	93 378	63 666	152 291	D
Partnership	489	558	20 898	870 797	7 473	14 659	255 791	5 561 993	5 040 050	10 549 763	502 467
Other noncorporate and unknown	81	88	2 131	87 998	1 679	3 762	65 495	907 351	502 539	1 414 487	D
313, Textile mills											
Total	3 278	3 932	269 064	7 666 079	227 462	456 090	5 649 526	18 971 798	26 387 870	45 652 142	1 415 188
Legal form of organization:											
Corporate	2 679	3 269	246 259	7 010 990	208 085	417 009	5 153 382	17 212 603	24 075 096	41 554 303	1 310 411
Noncorporate	599	663	22 805	655 089	19 377	39 081	496 144	1 759 195	2 312 774	4 097 839	104 777
Individual proprietorship ..	316	316	1 028	27 437	857	1 648	20 739	50 555	52 748	103 964	1 680
Partnership	227	286	20 636	593 406	17 537	35 415	448 748	1 639 354	2 188 557	3 840 574	100 571
Other noncorporate and unknown	56	61	1 141	34 246	983	2 018	26 657	69 286	71 469	153 301	2 526
314, Textile product mills											
Total	6 944	7 304	183 333	4 759 988	147 290	288 203	3 195 008	13 188 004	18 425 107	32 273 047	487 817
Legal form of organization:											
Corporate	4 902	5 239	167 550	4 353 565	134 528	263 948	2 918 955	12 253 715	17 202 791	30 050 878	452 842
Noncorporate	2 042	2 065	15 783	406 423	12 762	24 255	276 053	934 289	1 222 316	2 222 169	34 975
Individual proprietorship ..	1 363	1 363	3 931	85 151	3 142	5 227	54 160	185 203	164 460	348 679	5 215
Partnership	456	479	10 930	300 004	8 847	17 640	207 848	705 261	1 012 442	1 783 990	28 837
Other noncorporate and unknown	223	223	922	21 268	773	1 388	14 045	43 825	45 414	89 500	923
315, Apparel manufacturing											
Total	12 563	13 038	343 450	7 454 143	273 753	494 194	4 724 156	21 350 836	22 939 723	44 521 126	461 274
Legal form of organization:											
Corporate	9 390	9 821	304 910	6 683 381	240 789	434 604	4 161 146	18 438 300	20 798 778	39 478 720	417 144
Noncorporate	3 173	3 217	38 540	770 762	32 964	59 590	563 010	2 912 536	2 140 945	5 042 406	44 130
Individual proprietorship ..	2 206	2 208	11 711	188 858	10 544	17 792	149 094	332 299	160 498	490 114	3 942
Partnership	686	727	24 747	540 479	20 678	38 840	384 027	2 491 783	1 881 073	4 363 407	32 050
Other noncorporate and unknown	281	282	2 082	41 425	1 742	2 958	29 889	88 454	99 374	188 885	8 138
316, Leather and allied product manufacturing											
Total	1 462	1 522	44 543	1 160 833	35 317	66 298	728 377	2 872 273	3 309 255	6 254 100	78 307
Legal form of organization:											
Corporate	1 094	1 153	41 541	1 085 351	32 930	61 649	677 277	2 710 962	3 124 616	5 886 051	69 918
Noncorporate	368	369	3 002	75 482	2 387	4 649	51 100	161 311	184 639	368 049	8 389
Individual proprietorship ..	224	224	633	14 125	508	874	8 989	27 985	22 725	51 717	D
Partnership	98	99	2 131	54 973	1 699	3 412	38 686	118 665	150 090	289 231	D
Other noncorporate and unknown	46	46	238	6 384	180	363	3 425	14 661	11 824	27 101	176
321, Wood product manufacturing											
Total	15 355	17 202	540 565	16 054 554	442 207	877 199	11 561 660	35 147 018	54 024 783	89 085 026	2 416 067
Legal form of organization:											
Corporate	11 053	12 752	489 007	14 635 741	399 244	795 451	10 517 090	32 064 321	49 338 940	81 343 067	2 181 814
Noncorporate	4 302	4 450	51 558	1 418 813	42 963	81 748	1 044 570	3 082 697	4 685 843	7 741 959	234 253
Individual proprietorship ..	2 425	2 433	10 911	260 962	9 319	16 426	199 232	588 313	806 565	1 391 275	36 075
Partnership	1 420	1 553	38 002	1 086 475	31 225	60 732	789 965	2 355 833	3 635 201	5 968 591	182 370
Other noncorporate and unknown	457	464	2 645	71 376	2 319	4 590	55 373	138 551	244 077	382 093	15 808

See footnotes at end of table.

Table 11. Industry Statistics for Subsectors by Legal Form of Organization: 2002—Con.

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

Industry and legal form of organization	Companies 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)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
31-33, Manufacturing—Con.											
322, Paper manufacturing											
Total	3 536	5 520	491 436	21 497 243	376 672	782 131	14 657 699	75 780 418	78 063 027	153 766 022	6 260 387
Legal form of organization:											
Corporate	3 144	5 002	462 554	20 322 892	354 155	735 200	13 842 966	71 935 204	73 654 375	145 483 135	6 000 155
Noncorporate	392	518	28 882	1 174 351	22 517	46 931	814 733	3 845 214	4 408 652	8 282 887	260 232
Individual proprietorship ..	99	119	2 049	85 611	1 344	2 681	46 248	232 147	278 945	502 696	20 141
Partnership	257	360	25 020	1 004 842	19 718	41 060	706 077	3 365 499	3 847 966	7 251 288	226 177
Other noncorporate and unknown	36	39	1 813	83 898	1 455	3 190	62 408	247 568	281 741	528 903	13 914
323, Printing and related support activities											
Total	35 739	37 538	715 777	25 627 770	513 847	968 457	15 907 024	59 091 897	36 594 704	95 726 203	3 872 928
Legal form of organization:											
Corporate	27 836	29 525	667 098	24 039 817	477 945	905 272	14 923 146	55 541 041	34 376 387	89 955 267	3 656 827
Noncorporate	7 903	8 013	48 679	1 587 953	35 902	63 185	983 878	3 550 856	2 218 317	5 770 936	216 101
Individual proprietorship ..	5 033	5 043	13 047	365 126	9 761	15 018	225 409	773 038	405 633	1 177 053	41 136
Partnership	1 973	2 065	31 843	1 088 368	23 298	43 084	676 827	2 494 968	1 623 459	4 122 354	163 987
Other noncorporate and unknown	897	905	3 789	134 459	2 843	5 083	81 642	282 850	189 225	471 529	10 978
324, Petroleum and coal products manufacturing											
Total	1 106	2 262	102 836	6 151 468	66 412	139 836	3 741 212	36 969 633	179 629 918	215 312 899	8 170 674
Legal form of organization:											
Corporate	953	1 989	86 313	5 121 622	56 570	118 306	3 142 866	29 005 903	144 789 673	172 698 584	7 014 278
Noncorporate	153	273	16 523	1 029 846	9 842	21 530	598 346	7 963 730	34 840 245	42 614 315	1 156 396
Individual proprietorship ..	17	18	93	3 521	66	123	2 302	17 951	33 046	51 068	1 282
Partnership	124	224	14 654	938 316	8 588	19 009	538 798	7 691 196	32 487 788	40 017 658	1 117 517
Other noncorporate and unknown	12	31	1 776	88 009	1 188	2 398	57 246	254 583	2 319 411	2 545 589	37 597
325, Chemical manufacturing											
Total	9 660	13 476	852 297	44 556 764	482 415	984 819	21 062 364	253 608 726	206 900 774	460 424 786	17 843 128
Legal form of organization:											
Corporate	8 462	12 021	793 456	41 484 572	446 905	910 902	19 424 393	237 278 105	183 939 359	421 113 550	16 672 464
Noncorporate	1 198	1 455	58 841	3 072 192	35 510	73 917	1 637 971	16 330 621	22 961 415	39 311 236	1 170 664
Individual proprietorship ..	300	301	2 000	100 003	1 307	2 714	59 048	314 733	446 287	763 637	24 650
Partnership	766	985	51 094	2 695 797	30 058	62 690	1 401 880	14 778 052	20 696 795	35 466 486	1 049 227
Other noncorporate and unknown	132	169	5 747	276 392	4 145	8 513	177 043	1 237 836	1 818 333	3 081 113	96 787
326, Plastics and rubber products manufacturing											
Total	12 286	15 529	983 757	32 619 736	766 130	1 516 936	21 840 259	92 462 047	82 058 469	174 369 289	7 415 155
Legal form of organization:											
Corporate	10 777	13 662	905 608	30 100 313	703 686	1 394 365	20 094 680	84 847 079	74 296 996	159 105 772	6 722 042
Noncorporate	1 509	1 867	78 149	2 519 423	62 444	122 571	1 745 579	7 614 968	7 761 473	15 263 517	693 113
Individual proprietorship ..	537	540	2 404	73 581	1 837	3 460	48 708	183 041	126 831	309 770	10 327
Partnership	834	1 170	72 270	2 345 501	57 838	113 744	1 627 742	7 217 393	7 390 524	14 495 200	669 449
Other noncorporate and unknown	138	157	3 475	100 341	2 769	5 367	69 129	214 534	244 118	458 547	13 337
327, Nonmetallic mineral product manufacturing											
Total	11 519	16 706	483 161	17 929 311	375 205	765 922	12 533 416	54 864 987	40 559 687	95 261 480	5 202 327
Legal form of organization:											
Corporate	9 195	14 033	447 707	16 706 377	346 976	708 194	11 654 186	51 417 200	37 546 053	88 838 317	4 951 751
Noncorporate	2 324	2 673	35 454	1 222 934	28 229	57 728	879 230	3 447 787	3 013 634	6 423 163	250 576
Individual proprietorship ..	1 254	1 264	4 025	114 756	3 235	5 971	82 909	276 782	188 724	464 675	19 315
Partnership	816	1 141	29 779	1 042 434	23 828	49 333	764 026	3 045 090	2 732 135	5 727 965	224 327
Other noncorporate and unknown	254	268	1 650	65 744	1 166	2 424	32 295	125 915	92 775	230 523	6 934
331, Primary metal manufacturing											
Total	4 146	5 194	490 417	21 399 636	383 241	795 901	15 427 168	57 077 697	82 123 176	139 343 112	4 276 637
Legal form of organization:											
Corporate	3 614	4 582	453 818	19 788 150	354 981	735 849	14 224 810	52 578 321	75 190 790	127 877 021	3 739 815
Noncorporate	532	612	36 599	1 611 486	28 260	60 052	1 202 358	4 499 376	6 932 386	11 466 091	536 822
Individual proprietorship ..	207	210	1 581	64 151	1 253	2 592	48 041	150 374	148 972	296 960	D
Partnership	286	352	30 716	1 354 786	23 951	51 282	1 023 666	3 828 220	6 097 977	9 967 629	D
Other noncorporate and unknown	39	50	4 302	192 549	3 056	6 178	130 651	520 782	685 437	1 201 502	D
332, Fabricated metal product manufacturing											
Total	58 017	62 219	1 574 827	57 534 861	1 169 237	2 321 664	36 607 657	138 971 958	108 101 159	247 059 502	7 964 345
Legal form of organization:											
Corporate	48 206	52 127	1 468 969	53 809 919	1 090 052	2 167 931	34 170 475	128 959 858	98 670 170	227 631 856	7 290 995
Noncorporate	9 811	10 092	105 858	3 724 942	79 185	153 733	2 437 182	10 012 100	9 430 989	19 427 646	673 350
Individual proprietorship ..	5 709	5 718	17 054	529 388	13 276	22 615	353 582	1 117 439	671 195	1 787 880	58 046
Partnership	3 071	3 326	82 238	2 947 167	61 143	121 811	1 921 607	8 322 333	8 252 656	16 561 259	541 144
Other noncorporate and unknown	1 031	1 048	6 566	248 387	4 766	9 307	161 993	572 328	507 138	1 078 507	74 160

See footnotes at end of table.

Table 11. Industry Statistics for Subsectors by Legal Form of Organization: 2002—Con.

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

Industry and legal form of organization	Companies 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)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
31-33, Manufacturing—Con.											
333, Machinery manufacturing											
Total	25 533	28 306	1 172 889	49 838 051	736 026	1 441 255	25 467 857	128 502 197	122 795 543	252 476 407	6 644 928
Legal form of organization:											
Corporate	22 711	25 347	1 106 763	47 161 732	694 767	1 360 129	24 075 687	117 014 553	113 762 592	231 898 290	6 132 436
Noncorporate	2 822	2 959	66 126	2 676 319	41 259	81 126	1 392 170	11 487 644	9 032 951	20 578 117	512 492
Individual proprietorship ..	1 248	1 250	4 270	143 633	3 002	4 958	83 381	309 561	199 235	509 268	13 530
Partnership	1 269	1 382	57 484	2 363 614	35 314	70 437	1 218 229	10 776 682	8 487 738	19 323 255	482 704
Other noncorporate and unknown	305	327	4 372	169 072	2 943	5 731	90 560	401 401	345 978	745 594	16 258
334, Computer and electronic product manufacturing											
Total	13 917	15 910	1 262 063	64 562 501	592 813	1 161 974	21 084 987	201 376 880	154 508 428	358 414 047	13 683 655
Legal form of organization:											
Corporate	12 593	14 486	1 197 071	61 314 817	558 250	1 092 938	19 793 109	184 834 631	136 959 076	324 254 317	13 168 951
Noncorporate	1 324	1 424	64 992	3 247 684	34 563	69 036	1 291 878	16 542 249	17 549 352	34 159 730	514 704
Individual proprietorship ..	454	457	5 985	287 533	2 343	4 478	65 784	261 669	286 407	544 611	62 316
Partnership	739	809	45 480	2 111 035	27 147	53 943	997 752	13 893 743	16 197 801	30 122 416	383 754
Other noncorporate and unknown	131	158	13 527	849 116	5 073	10 615	228 342	2 386 837	1 065 144	3 492 703	68 634
335, Electrical equipment, appliance, and component manufacturing											
Total	5 503	6 499	494 370	18 082 952	351 812	684 508	10 376 466	52 425 586	50 106 559	102 879 191	2 702 634
Legal form of organization:											
Corporate	4 949	5 874	468 247	17 120 349	334 430	650 952	9 872 008	49 802 183	47 318 076	97 439 959	2 564 301
Noncorporate	554	625	26 123	962 603	17 382	33 556	504 458	2 623 403	2 788 483	5 439 232	138 333
Individual proprietorship ..	218	220	1 294	45 270	890	1 782	28 990	147 504	90 956	233 568	3 629
Partnership	278	330	20 286	732 338	13 070	25 623	356 519	2 095 391	1 949 803	4 086 520	88 850
Other noncorporate and unknown	58	75	4 543	184 995	3 422	6 151	118 949	380 508	747 724	1 119 144	45 854
336, Transportation equipment manufacturing											
Total	10 514	12 639	1 676 198	82 067 852	1 214 998	2 398 240	53 985 532	252 695 162	383 495 349	636 758 285	16 589 213
Legal form of organization:											
Corporate	8 856	10 847	1 575 370	77 905 403	1 144 236	2 258 617	51 673 159	242 553 110	369 999 122	613 209 436	16 026 483
Noncorporate	1 658	1 792	100 828	4 162 449	70 762	139 623	2 312 373	10 142 052	13 496 227	23 548 849	562 730
Individual proprietorship ..	721	728	7 883	313 761	6 468	11 971	230 310	673 610	1 280 009	1 952 000	50 054
Partnership	783	894	77 690	2 926 766	58 521	115 964	1 886 273	7 238 351	10 389 012	17 587 758	456 746
Other noncorporate and unknown	154	170	15 255	921 922	5 773	11 688	195 790	2 230 091	1 827 206	4 009 091	55 930
337, Furniture and related product manufacturing											
Total	21 531	22 523	595 915	17 400 405	469 431	907 752	11 562 409	43 051 965	33 106 934	75 964 713	1 735 653
Legal form of organization:											
Corporate	15 183	16 108	548 864	16 152 456	432 010	838 168	10 697 705	40 173 884	30 867 869	70 839 826	1 595 119
Noncorporate	6 348	6 415	47 051	1 247 949	37 421	69 584	864 704	2 878 081	2 239 065	5 124 887	140 534
Individual proprietorship ..	4 271	4 278	13 620	348 599	10 936	19 255	242 459	704 599	497 228	1 201 627	27 001
Partnership	1 378	1 435	30 782	829 491	24 278	46 269	572 648	2 037 688	1 640 181	3 686 111	109 589
Other noncorporate and unknown	699	702	2 649	69 859	2 207	4 060	49 597	135 794	101 656	237 149	3 944
339, Miscellaneous manufacturing											
Total	31 264	32 569	755 401	27 363 736	491 160	945 665	13 187 386	79 044 736	46 896 071	126 094 532	3 999 708
Legal form of organization:											
Corporate	24 127	25 362	697 314	25 454 407	450 086	869 951	12 150 033	73 920 273	43 718 157	117 677 463	3 750 710
Noncorporate	7 137	7 207	58 087	1 909 329	41 074	75 714	1 037 353	5 124 463	3 177 914	8 417 069	248 998
Individual proprietorship ..	4 596	4 597	12 186	339 662	8 866	14 313	200 252	720 110	363 602	1 078 366	32 340
Partnership	1 817	1 875	42 167	1 442 474	29 684	56 674	778 028	4 154 896	2 664 488	6 941 779	206 691
Other noncorporate and unknown	724	735	3 734	127 193	2 524	4 727	59 073	249 457	149 824	396 924	9 967

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.

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

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 are producing the same line of goods, a separate report is requested for each location. If the company operated in two or more distinct lines of manufacturing at the same location, a separate report is 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 is required for each manufacturing establishment (plant) with one employee or more that is in operation at any time during the year.

An establishment not in operation for any portion of the year is requested to return the report form with the proper notation in the “Operational Status” section of the form. In addition, the establishment is 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 are 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 is 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 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.
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.

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 is reported by the plant providing the materials.

In the case of multiunit companies, the manufacturer is 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 North American Industry Classification System (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 shipments

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 BEGINNING AND END OF YEAR INVENTORIES

These items are 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 and end of year inventories are the sum of several different types of inventory valuations.

Inventory valuation methods include:

- 1) last-in, first-out (LIFO) costing (including LIFO reserve and value)
- 2) all other methods (not subject to LIFO costing)

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 are 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; and
- 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 are 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.

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 is instructed to report the value of the assets sold at the original cost as recorded in the books of the seller. The respondent also is requested to report retirements of equipment or structures owned by a parent company that the establishment is using as if it were a tenant.

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.

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 are requested to make certain that they did not report accumulated depreciation.

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 Annual Survey of Manufactures (ASM) forms. This item includes rental payments for the use of all items for which depreciation reserves would be maintained if they are 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 is charged rent by another part of the same company for the use of assets owned by the company, it is instructed to exclude that cost from rental payments.

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

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

Appendix B.

NAICS Codes, Titles, and Descriptions

SECTOR 31-33 MANUFACTURING

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

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

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

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

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

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

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

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

311 FOOD MANUFACTURING

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

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

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

3111 ANIMAL FOOD MANUFACTURING

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

31111 ANIMAL FOOD MANUFACTURING

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

311111 DOG AND CAT FOOD MANUFACTURING

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

311119 OTHER ANIMAL FOOD MANUFACTURING

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

3112 GRAIN AND OILSEED MILLING

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

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

31121 FLOUR MILLING AND MALT MANUFACTURING

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

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

311211 FLOUR MILLING

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

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

311212 RICE MILLING

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

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

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

311213 MALT MANUFACTURING

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

31122 STARCH AND VEGETABLE FATS AND OILS MANUFACTURING

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

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

311221 WET CORN MILLING

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

311222 SOYBEAN PROCESSING

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

311223 OTHER OILSEED PROCESSING

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

311225 FATS AND OILS REFINING AND BLENDING

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

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

31123 BREAKFAST CEREAL MANUFACTURING

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

311230 BREAKFAST CEREAL MANUFACTURING

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

3113 SUGAR AND CONFECTIONERY PRODUCT MANUFACTURING

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

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

31131 SUGAR MANUFACTURING

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

311311 SUGARCANE MILLS

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

311312 CANE SUGAR REFINING

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

311313 BEET SUGAR MANUFACTURING

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

31132 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

311320 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

31133 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

311330 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

3114 FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOOD MANUFACTURING

This industry group comprises establishments primarily engaged in the following:

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

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

31141 FROZEN FOOD MANUFACTURING

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

311411 FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING

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

311412 FROZEN SPECIALTY FOOD MANUFACTURING

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

31142 FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING

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

311421 FRUIT AND VEGETABLE CANNING

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

311422 SPECIALTY CANNING

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

311423 DRIED AND DEHYDRATED FOOD MANUFACTURING

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

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

3115 DAIRY PRODUCT MANUFACTURING

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

31151 DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING

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

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

311511 FLUID MILK MANUFACTURING

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

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

311512 CREAMERY BUTTER MANUFACTURING

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

311513 CHEESE MANUFACTURING

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

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

311514 DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING

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

31152 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

311520 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

3116 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

31161 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

311611 ANIMAL (EXCEPT POULTRY) SLAUGHTERING

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

311612 MEAT PROCESSED FROM CARCASSES

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

311613 RENDERING AND MEAT BYPRODUCT PROCESSING

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

311615 POULTRY PROCESSING

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

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

3117 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

31171 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

311711 SEAFOOD CANNING

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

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

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

311712 FRESH AND FROZEN SEAFOOD PROCESSING

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

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

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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 shooks, 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 repellant coatings for concrete and masonry and/or
2. manufacturing allied paint products, such as putties, paint and varnish removers, paint brush cleaners, and frit.

32552 ADHESIVE MANUFACTURING

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

325520 ADHESIVE MANUFACTURING

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

3256 SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING

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

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

32561 SOAP AND CLEANING COMPOUND MANUFACTURING

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

325611 SOAP AND OTHER DETERGENT MANUFACTURING

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

325612 POLISH AND OTHER SANITATION GOOD MANUFACTURING

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

325613 SURFACE ACTIVE AGENT MANUFACTURING

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

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

32562 TOILET PREPARATION MANUFACTURING

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

325620 TOILET PREPARATION MANUFACTURING

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

3259 OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

32591 PRINTING INK MANUFACTURING

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

325910 PRINTING INK MANUFACTURING

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

32592 EXPLOSIVES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing explosives.

325920 EXPLOSIVES MANUFACTURING

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

32599 ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

325991 CUSTOM COMPOUNDING OF PURCHASED RESINS

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

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

325992 PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING

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

325998 ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

326 PLASTICS AND RUBBER PRODUCTS MANUFACTURING

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

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

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

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

3261 PLASTICS PRODUCT MANUFACTURING

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

32611 PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING

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

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

326111 PLASTICS BAG MANUFACTURING

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

1. converting plastics resins into plastics bags or

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

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

326112 PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

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

326113 UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING

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

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

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

326121 UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING

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

326122 PLASTICS PIPE AND PIPE FITTING MANUFACTURING

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

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

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

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

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

32614 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

32615 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

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

326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

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

32616 PLASTICS BOTTLE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics bottles.

326160 PLASTICS BOTTLE MANUFACTURING

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

32619 OTHER PLASTICS PRODUCT MANUFACTURING

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

326191 PLASTICS PLUMBING FIXTURE MANUFACTURING

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

326192 RESILIENT FLOOR COVERING MANUFACTURING

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

326199 ALL OTHER PLASTICS PRODUCT MANUFACTURING

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

3262 RUBBER PRODUCT MANUFACTURING

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

32621 TIRE MANUFACTURING

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

326211 TIRE MANUFACTURING (EXCEPT RETREADING)

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

326212 TIRE RETREADING

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

32622 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

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

326220 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

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

32629 OTHER RUBBER PRODUCT MANUFACTURING

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

326291 RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE

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

326299 ALL OTHER RUBBER PRODUCT MANUFACTURING

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

327 NONMETALLIC MINERAL PRODUCT MANUFACTURING

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

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

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

3271 CLAY PRODUCT AND REFRACTORY MANUFACTURING

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

32711 POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING

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

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

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

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

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

327113 PORCELAIN ELECTRICAL SUPPLY MANUFACTURING

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

32712 CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING

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

327121 BRICK AND STRUCTURAL CLAY TILE MANUFACTURING

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

327122 CERAMIC WALL AND FLOOR TILE MANUFACTURING

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

327123 OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING

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

327124 CLAY REFRACTORY MANUFACTURING

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

327125 NONCLAY REFRACTORY MANUFACTURING

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

3272 GLASS AND GLASS PRODUCT MANUFACTURING

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

32721 GLASS AND GLASS PRODUCT MANUFACTURING

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

327211 FLAT GLASS MANUFACTURING

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

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

327212 OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING

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

327213 GLASS CONTAINER MANUFACTURING

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

327215 GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS

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

3273 CEMENT AND CONCRETE PRODUCT MANUFACTURING

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

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

32731 CEMENT MANUFACTURING

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

327310 CEMENT MANUFACTURING

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

32732 READY-MIX CONCRETE MANUFACTURING

This industry comprises establishments, such as batch plants or mix plants, primarily engaged in manufacturing concrete delivered to a purchaser in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

327320 READY-MIX CONCRETE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete delivered to a purchaser, such as batch plants or mix plants, in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

32733 CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete pipe, brick, and block.

327331 CONCRETE BLOCK AND BRICK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete block and brick.

327332 CONCRETE PIPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete pipe.

32739 OTHER CONCRETE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

327390 OTHER CONCRETE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

3274 LIME AND GYPSUM PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells and/or gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work.

32741 LIME MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

327410 LIME MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

32742 GYPSUM PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

327420 GYPSUM PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

3279 OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except clay products, refractory products, glass products, cement and concrete products, lime, and gypsum products).

32791 ABRASIVE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

327910 ABRASIVE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

32799 ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; and abrasive products).

327991 CUT STONE AND STONE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, shaping, and finishing granite, marble, limestone, slate, and other stone for building and miscellaneous uses. Stone product manufacturing establishments may mine, quarry, or purchase stone.

327992 GROUND OR TREATED MINERAL AND EARTH MANUFACTURING

This U.S. industry comprises establishments primarily engaged in calcining, dead burning, or otherwise processing beyond beneficiation, clays, ceramic and refractory minerals, barite, and miscellaneous nonmetallic minerals.

327993 MINERAL WOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mineral wool and mineral wool (i.e., fiberglass) insulation products made of such siliceous materials as rock, slag, and glass or combinations thereof.

327999 ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; abrasive products; cut stone and stone products; ground and treated minerals and earth; and mineral wool).

331 PRIMARY METAL MANUFACTURING

Industries in the Primary Metal Manufacturing subsector smelt and/or refine ferrous and nonferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgical techniques. Establishments in this subsector also manufacture metal alloys and superalloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing, and extruding operations to make sheet, strip, bar, rod, or wire, and in molten form to make castings and other basic metal products.

Primary manufacturing of ferrous and nonferrous metals begins with ore or concentrate as the primary input. Establishments manufacturing primary metals from ore and/or concentrate remain classified in the primary smelting, primary refining, or iron and steel mill industries regardless of the form of their output. Establishments primarily engaged in secondary smelting and/or secondary refining recover ferrous and nonferrous metals from scrap and/or dross. The output of the secondary smelting and/or secondary refining industries is limited to shapes, such as ingot or billet, that will be further processed. Recovery of metals from scrap often occurs in establishments that are primarily engaged in activities, such as rolling, drawing, extruding, or similar processes.

Excluded from the Primary Metal Manufacturing subsector are establishments primarily engaged in manufacturing ferrous and nonferrous forgings (except ferrous forgings made in steel mills) and stampings. Although forging, stamping, and casting are all methods used to make metal shapes, forging and stamping do not use molten metals and are included in Subsector 332, Fabricated Metal Product Manufacturing. Establishments primarily engaged in operating coke ovens are classified in Industry 32419, Other Petroleum and Coal Products Manufacturing.

3311 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

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

1. Direct reduction of iron ore;
2. Manufacturing pig iron in molten or solid form;
3. Converting pig iron into steel;
4. Manufacturing ferroalloys;
5. Making steel;
6. Making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. Making steel and forming pipe and tube.

33111 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

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

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

331111 IRON AND STEEL MILLS

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

1. direct reduction of iron ore;

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

331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING

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

3312 STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL

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

33121 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

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

331210 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

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

33122 ROLLING AND DRAWING OF PURCHASED STEEL

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

331221 ROLLED STEEL SHAPE MANUFACTURING

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

331222 STEEL WIRE DRAWING

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

3313 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

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

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

33131 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

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

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

331311 ALUMINA REFINING

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

331312 PRIMARY ALUMINUM PRODUCTION

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

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

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

331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM

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

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

331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING

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

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

331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING

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

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

331319 OTHER ALUMINUM ROLLING AND DRAWING

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

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

3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING

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

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

33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING

This industry comprises establishments primarily engaged in:

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

331411 PRIMARY SMELTING AND REFINING OF COPPER

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

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

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

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

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

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

33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING

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

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

331421 COPPER ROLLING, DRAWING, AND EXTRUDING

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

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

331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING

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

331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER

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

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

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

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

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

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

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

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

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

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

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

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

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

3315 FOUNDRIES

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

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

33151 FERROUS METAL FOUNDRIES

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

331511 IRON FOUNDRIES

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

331512 STEEL INVESTMENT FOUNDRIES

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

331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)

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

33152 NONFERROUS METAL FOUNDRIES

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

331521 ALUMINUM DIE-CASTING FOUNDRIES

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

331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES

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

331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)

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

331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)

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

331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)

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

332 FABRICATED METAL PRODUCT MANUFACTURING

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

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

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

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

3321 FORGING AND STAMPING

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

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

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

33211 FORGING AND STAMPING

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

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

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

332111 IRON AND STEEL FORGING

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

332112 NONFERROUS FORGING

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

332114 CUSTOM ROLL FORMING

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

332115 CROWN AND CLOSURE MANUFACTURING

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

332116 METAL STAMPING

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

332117 POWDER METALLURGY PART MANUFACTURING

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

3322 CUTLERY AND HANDTOOL MANUFACTURING

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

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

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

33221 CUTLERY AND HANDTOOL MANUFACTURING

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

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

332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING

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

332212 HAND AND EDGE TOOL MANUFACTURING

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

332213 SAW BLADE AND HANDSAW MANUFACTURING

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

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

332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING

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

3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING

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

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

33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING

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

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

332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING

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

332312 FABRICATED STRUCTURAL METAL MANUFACTURING

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

332313 PLATE WORK MANUFACTURING

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

33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING

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

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

332321 METAL WINDOW AND DOOR MANUFACTURING

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

332322 SHEET METAL WORK MANUFACTURING

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

332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING

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

3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING

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

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

33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

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

332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

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

33242 METAL TANK (HEAVY GAUGE) MANUFACTURING

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

332420 METAL TANK (HEAVY GAUGE) MANUFACTURING

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

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

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

332431 METAL CAN MANUFACTURING

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

332439 OTHER METAL CONTAINER MANUFACTURING

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

3325 HARDWARE MANUFACTURING

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

33251 HARDWARE MANUFACTURING

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

332510 HARDWARE MANUFACTURING

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

3326 SPRING AND WIRE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in:

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

33261 SPRING AND WIRE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in:

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

332611 SPRING (HEAVY GAUGE) MANUFACTURING

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

332612 SPRING (LIGHT GAUGE) MANUFACTURING

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

332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING

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

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

This industry group comprises establishments primarily engaged in:

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

33271 MACHINE SHOPS

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

332710 MACHINE SHOPS

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

33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING

This industry comprises establishments primarily engaged in:

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

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

332721 PRECISION TURNED PRODUCT MANUFACTURING

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

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

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

3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

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

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

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

33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

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

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

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

332811 METAL HEAT TREATING

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

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

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

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

332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

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

3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING

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

33291 METAL VALVE MANUFACTURING

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

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

332911 INDUSTRIAL VALVE MANUFACTURING

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

332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING

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

332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING

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

332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

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

33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING

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

332991 BALL AND ROLLER BEARING MANUFACTURING

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

332992 SMALL ARMS AMMUNITION MANUFACTURING

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

332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING

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

332994 SMALL ARMS MANUFACTURING

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

332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING

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

332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING

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

332997 INDUSTRIAL PATTERN MANUFACTURING

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

332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

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

332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

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

333 MACHINERY MANUFACTURING

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

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

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

3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING

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

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

33311 AGRICULTURAL IMPLEMENT MANUFACTURING

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

333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING

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

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

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

33312 CONSTRUCTION MACHINERY MANUFACTURING

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

333120 CONSTRUCTION MACHINERY MANUFACTURING

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

33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING

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

333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING

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

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

333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING

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

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

3332 INDUSTRIAL MACHINERY MANUFACTURING

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

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

33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

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

333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

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

33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

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

333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

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

33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING

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

333291 PAPER INDUSTRY MACHINERY MANUFACTURING

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

333292 TEXTILE MACHINERY MANUFACTURING

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

333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING

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

333294 FOOD PRODUCT MACHINERY MANUFACTURING

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

333295 SEMICONDUCTOR MACHINERY MANUFACTURING

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

333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

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

3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

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

33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

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

333311 AUTOMATIC VENDING MACHINE MANUFACTURING

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

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

333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING

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

333313 OFFICE MACHINERY MANUFACTURING

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

333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING

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

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

333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING

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

333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

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

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

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

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

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

333411 AIR PURIFICATION EQUIPMENT MANUFACTURING

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

333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING

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

333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

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

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

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

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

3335 METALWORKING MACHINERY MANUFACTURING

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

33351 METALWORKING MACHINERY MANUFACTURING

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

333511 INDUSTRIAL MOLD MANUFACTURING

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

333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING

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

333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING

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

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

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

333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING

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

333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING

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

333518 OTHER METALWORKING MACHINERY MANUFACTURING

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

3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

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

33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

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

333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING

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

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

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

333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING

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

333618 OTHER ENGINE EQUIPMENT MANUFACTURING

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

3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

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

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

33391 PUMP AND COMPRESSOR MANUFACTURING

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

333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING

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

333912 AIR AND GAS COMPRESSOR MANUFACTURING

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

333913 MEASURING AND DISPENSING PUMP MANUFACTURING

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

33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING

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

333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING

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

333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING

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

333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

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

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

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

33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

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

333991 POWER-DRIVEN HANDTOOL MANUFACTURING

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

333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING

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

333993 PACKAGING MACHINERY MANUFACTURING

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

333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING

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

333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING

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

333996 FLUID POWER PUMP AND MOTOR MANUFACTURING

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

333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING

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

333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING

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

334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING

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

3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

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

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

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

33411 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

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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, electromagnetic 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

Not applicable for this report.

Appendix E.

Metropolitan and Micropolitan Statistical Areas

ALBANY-CORVALLIS-LEBANON, OR COMBINED STATISTICAL AREA

Albany-Lebanon, OR Micropolitan Statistical Area

Linn County, OR

Corvallis, OR Metropolitan Statistical Area

Benton County, OR

ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA

Albany-Schenectady-Troy, NY Metropolitan Statistical Area

Albany County, NY

Rensselaer County, NY

Saratoga County, NY

Schenectady County, NY

Schoharie County, NY

Amsterdam, NY Micropolitan Statistical Area

Montgomery County, NY

Glens Falls, NY Metropolitan Statistical Area

Warren County, NY

Washington County, NY

Gloversville, NY Micropolitan Statistical Area

Fulton County, NY

Hudson, NY Micropolitan Statistical Area

Columbia County, NY

AMES-BOONE, IA COMBINED STATISTICAL AREA

Ames, IA Metropolitan Statistical Area

Story County, IA

Boone, IA Micropolitan Statistical Area

Boone County, IA

APPLETON-OSHKOSH-NEENAH, WI COMBINED STATISTICAL AREA

Appleton, WI Metropolitan Statistical Area

Calumet County, WI

Outagamie County, WI

2002 Economic Census

U.S. Census Bureau, 2002 Economic Census

Oshkosh-Neenah, WI Metropolitan Statistical Area

Winnebago County, WI

ASHEVILLE-BREVARD, NC COMBINED STATISTICAL AREA

Asheville, NC Metropolitan Statistical Area

Buncombe County, NC

Haywood County, NC

Henderson County, NC

Madison County, NC

Brevard, NC Micropolitan Statistical Area

Transylvania County, NC

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

Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area

Barrow County, GA

Bartow County, GA

Butts County, GA

Carroll County, GA

Cherokee County, GA

Clayton County, GA

Cobb County, GA

Coweta County, GA

Dawson County, GA

DeKalb County, GA

Douglas County, GA

Fayette County, GA

Forsyth County, GA

Fulton County, GA

Gwinnett County, GA

Haralson County, GA

Heard County, GA

Henry County, GA

Jasper County, GA

Lamar County, GA

Meriwether County, GA

Newton County, GA

Paulding County, GA

Pickens County, GA

Pike County, GA

Rockdale County, GA

Spalding County, GA

Walton County, GA

Cedartown, GA Micropolitan Statistical Area

Polk County, GA

Gainesville, GA Metropolitan Statistical Area

Hall County, GA

LaGrange, GA Micropolitan Statistical Area

Troup County, GA

Thomaston, GA Micropolitan Statistical Area

Upson County, GA

Valley, AL Micropolitan Statistical Area

Chambers County, AL

BECKLEY-OAK HILL, WV COMBINED STATISTICAL AREA

Beckley, WV Micropolitan Statistical Area

Raleigh County, WV

Oak Hill, WV Micropolitan Statistical Area

Fayette County, WV

BEND-PRINEVILLE, OR COMBINED STATISTICAL AREA

Bend, OR Metropolitan Statistical Area

Deschutes County, OR

Prineville, OR Micropolitan Statistical Area

Crook County, OR

BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA

Birmingham-Hoover, AL Metropolitan Statistical Area

Bibb County, AL

Blount County, AL

Chilton County, AL

Jefferson County, AL

St. Clair County, AL

Shelby County, AL

Walker County, AL

Cullman, AL Micropolitan Statistical Area

Cullman County, AL

BOSTON-WORCESTER-MANCHESTER, MA-NH COMBINED STATISTICAL AREA

Boston-Cambridge-Quincy, MA-NH Metropolitan Statistical Area

Boston-Quincy, MA Metropolitan Division

Norfolk County, MA

Plymouth County, MA

Suffolk County, MA

Cambridge-Newton-Framingham, MA Metropolitan Division

Middlesex County, MA

Essex County, MA Metropolitan Division

Essex County, MA

Rockingham County-Strafford County, NH Metropolitan Division

Rockingham County, NH

Strafford County, NH

Concord, NH Micropolitan Statistical Area

Merrimack County, NH

Laconia, NH Micropolitan Statistical Area

Belknap County, NH

Manchester-Nashua, NH Metropolitan Statistical Area

Hillsborough County, NH

Worcester, MA Metropolitan Statistical Area

Worcester County, MA

BROWNSVILLE-HARLINGEN-RAYMONDVILLE, TX COMBINED STATISTICAL AREA

Brownsville-Harlingen, TX Metropolitan Statistical Area

Cameron County, TX

Raymondville, TX Micropolitan Statistical Area

Willacy County, TX

CAPE GIRARDEAU-SIKESTON-JACKSON, MO-IL COMBINED STATISTICAL AREA

Cape Girardeau-Jackson, MO-IL Micropolitan Statistical Area

Alexander County, IL

Bollinger County, MO

Cape Girardeau County, MO

Sikeston, MO Micropolitan Statistical Area

Scott County, MO

CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA

Albemarle, NC Micropolitan Statistical Area

Stanly County, NC

Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area

Anson County, NC

Cabarrus County, NC

Gaston County, NC

Mecklenburg County, NC

Union County, NC

York County, SC

Chester, SC Micropolitan Statistical Area

Chester County, SC

Lancaster, SC Micropolitan Statistical Area

Lancaster County, SC

Lincolnton, NC Micropolitan Statistical Area

Lincoln County, NC

Salisbury, NC Micropolitan Statistical Area

Rowan County, NC

Shelby, NC Micropolitan Statistical Area

Cleveland County, NC

Statesville-Mooresville, NC Micropolitan Statistical Area

Iredell County, NC

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

Athens, TN Micropolitan Statistical Area

McMinn County, TN

Chattanooga, TN-GA Metropolitan Statistical Area

Catoosa County, GA

Dade County, GA

Walker County, GA

Hamilton County, TN

Marion County, TN

Sequatchie County, TN

Cleveland, TN Metropolitan Statistical Area

Bradley County, TN

Polk County, TN

CHICAGO-NAPERVILLE-MICHIGAN CITY, IL-IN-WI COMBINED STATISTICAL AREA

Chicago-Naperville-Joliet, IL-IN-WI Metropolitan Statistical Area

Chicago-Naperville-Joliet, IL Metropolitan Division

Cook County, IL

DeKalb County, IL

DuPage County, IL

Grundy County, IL

Kane County, IL

Kendall County, IL

McHenry County, IL

Will County, IL

Gary, IN Metropolitan Division

Jasper County, IN

Lake County, IN

Newton County, IN

Porter County, IN

Lake County-Kenosha County, IL-WI Metropolitan Division

Lake County, IL

Kenosha County, WI

Kankakee-Bradley, IL Metropolitan Statistical Area

Kankakee County, IL

Michigan City-La Porte, IN Metropolitan Statistical Area

LaPorte County, IN

CINCINNATI-MIDDLETOWN-WILMINGTON, OH-KY-IN COMBINED STATISTICAL AREA

Cincinnati-Middletown, OH-KY-IN Metropolitan Statistical Area

Dearborn County, IN

Franklin County, IN

Ohio County, IN

Boone County, KY

Bracken County, KY

Campbell County, KY

Gallatin County, KY

Grant County, KY

Kenton County, KY

Pendleton County, KY

Brown County, OH

Butler County, OH

Clermont County, OH

Hamilton County, OH

Warren County, OH

Wilmington, OH Micropolitan Statistical Area

Clinton County, OH

CLEVELAND-AKRON-ELYRIA, OH COMBINED STATISTICAL AREA

Akron, OH Metropolitan Statistical Area

Portage County, OH

Summit County, OH

Ashtabula, OH Micropolitan Statistical Area

Ashtabula County, OH

Cleveland-Elyria-Mentor, OH Metropolitan Statistical Area

Cuyahoga County, OH

Geauga County, OH

Lake County, OH

Lorain County, OH

Medina County, OH

CLOVIS-PORTALES, NM COMBINED STATISTICAL AREA

Clovis, NM Micropolitan Statistical Area

Curry County, NM

Portales, NM Micropolitan Statistical Area

Roosevelt County, NM

COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA

Columbia, SC Metropolitan Statistical Area

Calhoun County, SC

Fairfield County, SC

Kershaw County, SC

Lexington County, SC

Richland County, SC

Saluda County, SC

Newberry, SC Micropolitan Statistical Area

Newberry County, SC

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

Auburn-Opelika, AL Metropolitan Statistical Area

Lee County, AL

Columbus, GA-AL Metropolitan Statistical Area

Russell County, AL

Chattahoochee County, GA

Harris County, GA

Marion County, GA

Muscogee County, GA

Tuskegee, AL Micropolitan Statistical Area

Macon County, AL

COLUMBUS-MARION-CHILLCOTHE, OH COMBINED STATISTICAL AREA

Chillicothe, OH Micropolitan Statistical Area

Ross County, OH

Columbus, OH Metropolitan Statistical Area

Delaware County, OH

Fairfield County, OH

Franklin County, OH

Licking County, OH

Madison County, OH

Morrow County, OH

Pickaway County, OH

Union County, OH

Marion, OH Micropolitan Statistical Area

Marion County, OH

Mount Vernon, OH Micropolitan Statistical Area

Knox County, OH

Washington, OH Micropolitan Statistical Area

Fayette County, OH

CORBIN-LONDON, KY COMBINED STATISTICAL AREA

Corbin, KY Micropolitan Statistical Area

Whitley County, KY

London, KY Micropolitan Statistical Area

Laurel County, KY

CORPUS CHRISTI-KINGSVILLE, TX COMBINED STATISTICAL AREA

Corpus Christi, TX Metropolitan Statistical Area

Aransas County, TX

Nueces County, TX

San Patricio County, TX

Kingsville, TX Micropolitan Statistical Area

Kenedy County, TX

Kleberg County, TX

DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA

Athens, TX Micropolitan Statistical Area

Henderson County, TX

Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area

Dallas-Plano-Irving, TX Metropolitan Division

Collin County, TX

Dallas County, TX

Delta County, TX

Denton County, TX

Ellis County, TX

Hunt County, TX

Kaufman County, TX

Rockwall County, TX

Fort Worth-Arlington, TX Metropolitan Division

Johnson County, TX

Parker County, TX

Tarrant County, TX

Wise County, TX

Gainesville, TX Micropolitan Statistical Area

Cooke County, TX

Granbury, TX Micropolitan Statistical Area

Hood County, TX

Somervell County, TX

Mineral Wells, TX Micropolitan Statistical Area

Palo Pinto County, TX

2002 Economic Census

U.S. Census Bureau, 2002 Economic Census

DAYTON-SPRINGFIELD-GREENVILLE, OH COMBINED STATISTICAL AREA**Dayton, OH Metropolitan Statistical Area**

Greene County, OH

Miami County, OH

Montgomery County, OH

Preble County, OH

Greenville, OH Micropolitan Statistical Area

Darke County, OH

Springfield, OH Metropolitan Statistical Area

Clark County, OH

Urbana, OH Micropolitan Statistical Area

Champaign County, OH

DELTONA-DAYTONA BEACH-PALM COAST, FL COMBINED STATISTICAL AREA**Deltona-Daytona Beach-Ormond Beach, FL Metropolitan Statistical Area**

Volusia County, FL

Palm Coast, FL Micropolitan Statistical Area

Flagler County, FL

DENVER-AURORA-BOULDER, CO COMBINED STATISTICAL AREA**Boulder, CO Metropolitan Statistical Area**

Boulder County, CO

Denver-Aurora, CO Metropolitan Statistical Area

Adams County, CO

Arapahoe County, CO

Broomfield County, CO

Clear Creek County, CO

Denver County, CO

Douglas County, CO

Elbert County, CO

Gilpin County, CO

Jefferson County, CO

Park County, CO

DES MOINES-NEWTON, IA COMBINED STATISTICAL AREA

Des Moines, IA Metropolitan Statistical Area

Dallas County, IA

Guthrie County, IA

Madison County, IA

Polk County, IA

Warren County, IA

Newton, IA Micropolitan Statistical Area

Jasper County, IA

DETROIT-WARREN-FLINT, MI COMBINED STATISTICAL AREA

Ann Arbor, MI Metropolitan Statistical Area

Washtenaw County, MI

Detroit-Warren-Livonia, MI Metropolitan Statistical Area

Detroit-Livonia-Dearborn, MI Metropolitan Division

Wayne County, MI

Warren-Farmington Hills-Troy, MI Metropolitan Division

Lapeer County, MI

Livingston County, MI

Macomb County, MI

Oakland County, MI

St. Clair County, MI

Flint, MI Metropolitan Statistical Area

Genesee County, MI

Monroe, MI Metropolitan Statistical Area

Monroe County, MI

DOTHAN-ENTERPRISE-OZARK, AL COMBINED STATISTICAL AREA

Dothan, AL Metropolitan Statistical Area

Geneva County, AL

Henry County, AL

Houston County, AL

Enterprise-Ozark, AL Micropolitan Statistical Area

Coffee County, AL

Dale County, AL

EAU CLAIRE-MENOMONIE, WI COMBINED STATISTICAL AREA

Eau Claire, WI Metropolitan Statistical Area

Chippewa County, WI

Eau Claire County, WI

Menomonie, WI Micropolitan Statistical Area

Dunn County, WI

FAIRMONT-CLARKSBURG, WV COMBINED STATISTICAL AREA

Clarksburg, WV Micropolitan Statistical Area

Doddridge County, WV

Harrison County, WV

Taylor County, WV

Fairmont, WV Micropolitan Statistical Area

Marion County, WV

FARGO-WAHPETON, ND-MN COMBINED STATISTICAL AREA

Fargo, ND-MN Metropolitan Statistical Area

Clay County, MN

Cass County, ND

Wahpeton, ND-MN Micropolitan Statistical Area

Wilkin County, MN

Richland County, ND

FINDLAY-TIFFIN-FOSTORIA, OH COMBINED STATISTICAL AREA

Findlay, OH Micropolitan Statistical Area

Hancock County, OH

Tiffin-Fostoria, OH Micropolitan Statistical Area

Seneca County, OH

FOND DU LAC-BEAVER DAM, WI COMBINED STATISTICAL AREA

Beaver Dam, WI Micropolitan Statistical Area

Dodge County, WI

Fond du Lac, WI Metropolitan Statistical Area

Fond du Lac County, WI

FORT POLK SOUTH-DE RIDDER, LA COMBINED STATISTICAL AREA

De Ridder, LA Micropolitan Statistical Area

Beauregard Parish, LA

Fort Polk South, LA Micropolitan Statistical Area

Vernon Parish, LA

FORT WAYNE-HUNTINGTON-AUBURN, IN COMBINED STATISTICAL AREA

Auburn, IN Micropolitan Statistical Area

DeKalb County, IN

Decatur, IN Micropolitan Statistical Area

Adams County, IN

Fort Wayne, IN Metropolitan Statistical Area

Allen County, IN

Wells County, IN

Whitley County, IN

Huntington, IN Micropolitan Statistical Area

Huntington County, IN

Kendallville, IN Micropolitan Statistical Area

Noble County, IN

FRESNO-MADERA, CA COMBINED STATISTICAL AREA

Fresno, CA Metropolitan Statistical Area

Fresno County, CA

Madera, CA Metropolitan Statistical Area

Madera County, CA

GRAND RAPIDS-MUSKEGON-HOLLAND, MI COMBINED STATISTICAL AREA

Allegan, MI Micropolitan Statistical Area

Allegan County, MI

Grand Rapids-Wyoming, MI Metropolitan Statistical Area

Barry County, MI

Ionia County, MI

Kent County, MI

Newaygo County, MI

Holland-Grand Haven, MI Metropolitan Statistical Area

Ottawa County, MI

Muskegon-Norton Shores, MI Metropolitan Statistical Area

Muskegon County, MI

GREENSBORO--WINSTON-SALEM--HIGH POINT, NC COMBINED STATISTICAL AREA

Greensboro-High Point, NC Metropolitan Statistical Area

Guilford County, NC

Randolph County, NC

Rockingham County, NC

Lexington-Thomasville, NC Micropolitan Statistical Area

Davidson County, NC

Mount Airy, NC Micropolitan Statistical Area

Surry County, NC

Winston-Salem, NC Metropolitan Statistical Area

Davie County, NC

Forsyth County, NC

Stokes County, NC

Yadkin County, NC

GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA

Anderson, SC Metropolitan Statistical Area

Anderson County, SC

Greenville, SC Metropolitan Statistical Area

Greenville County, SC

Laurens County, SC

Pickens County, SC

Seneca, SC Micropolitan Statistical Area

Oconee County, SC

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

HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA**Harrisburg-Carlisle, PA Metropolitan Statistical Area**

Cumberland County, PA

Dauphin County, PA

Perry County, PA

Lebanon, PA Metropolitan Statistical Area

Lebanon County, PA

HARTFORD-WEST HARTFORD-WILLIMANTIC, CT COMBINED STATISTICAL AREA**Hartford-West Hartford-East Hartford, CT Metropolitan Statistical Area**

Hartford County, CT

Middlesex County, CT

Tolland County, CT

Willimantic, CT Micropolitan Statistical Area

Windham County, CT

HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA**Bay City, TX Micropolitan Statistical Area**

Matagorda County, TX

Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area

Austin County, TX

Brazoria County, TX

Chambers County, TX

Fort Bend County, TX

Galveston County, TX

Harris County, TX

Liberty County, TX

Montgomery County, TX

San Jacinto County, TX

Waller County, TX

Huntsville, TX Micropolitan Statistical Area

Walker County, TX

HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA**Decatur, AL Metropolitan Statistical Area**

Lawrence County, AL

Morgan County, AL

Huntsville, AL Metropolitan Statistical Area

Limestone County, AL

Madison County, AL

IDAHO FALLS-BLACKFOOT, ID COMBINED STATISTICAL AREA

Blackfoot, ID Micropolitan Statistical Area

Bingham County, ID

Idaho Falls, ID Metropolitan Statistical Area

Bonneville County, ID

Jefferson County, ID

INDIANAPOLIS-ANDERSON-COLUMBUS, IN COMBINED STATISTICAL AREA

Anderson, IN Metropolitan Statistical Area

Madison County, IN

Columbus, IN Metropolitan Statistical Area

Bartholomew County, IN

Crawfordsville, IN Micropolitan Statistical Area

Montgomery County, IN

Indianapolis, IN Metropolitan Statistical Area

Boone County, IN

Brown County, IN

Hamilton County, IN

Hancock County, IN

Hendricks County, IN

Johnson County, IN

Marion County, IN

Morgan County, IN

Putnam County, IN

Shelby County, IN

New Castle, IN Micropolitan Statistical Area

Henry County, IN

North Vernon, IN Micropolitan Statistical Area

Jennings County, IN

ITHACA-CORTLAND, NY COMBINED STATISTICAL AREA

Cortland, NY Micropolitan Statistical Area

Cortland County, NY

Ithaca, NY Metropolitan Statistical Area

Tompkins County, NY

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

JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA

Bristol, VA Metropolitan Statistical Area

Washington County, VA

Bristol (IC), VA

Johnson City, TN Metropolitan Statistical Area

Carter County, TN

Unicoi County, TN

Washington County, TN

Kingsport-Bristol, TN-VA Metropolitan Statistical Area

Hawkins County, TN

Sullivan County, TN

Scott County, VA

KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA

Atchison, KS Micropolitan Statistical Area

Atchison County, KS

Kansas City, MO-KS Metropolitan Statistical Area

Franklin County, KS

Johnson County, KS

Leavenworth County, KS

Linn County, KS

Miami County, KS

Wyandotte County, KS

Bates County, MO

Caldwell County, MO

Cass County, MO

Clay County, MO

Clinton County, MO

Jackson County, MO

Lafayette County, MO

Platte County, MO

Ray County, MO

Warrensburg, MO Micropolitan Statistical Area

Johnson County, MO

KNOXVILLE-SEVIERVILLE-LA FOLLETTE, TN COMBINED STATISTICAL AREA

Harriman, TN Micropolitan Statistical Area

Roane County, TN

Knoxville, TN Metropolitan Statistical Area

Anderson County, TN

Blount County, TN

Knox County, TN

Loudon County, TN

Union County, TN

La Follette, TN Micropolitan Statistical Area

Campbell County, TN

Sevierville, TN Micropolitan Statistical Area

Sevier County, TN

KOKOMO-PERU, IN COMBINED STATISTICAL AREA

Kokomo, IN Metropolitan Statistical Area

Howard County, IN

Tipton County, IN

Peru, IN Micropolitan Statistical Area

Miami County, IN

LAFAYETTE-ACADIANA, LA COMBINED STATISTICAL AREA

Abbeville, LA Micropolitan Statistical Area

Vermilion Parish, LA

Crowley, LA Micropolitan Statistical Area

Acadia Parish, LA

Lafayette, LA Metropolitan Statistical Area

Lafayette Parish, LA

St. Martin Parish, LA

New Iberia, LA Micropolitan Statistical Area

Iberia Parish, LA

Opelousas-Eunice, LA Micropolitan Statistical Area

St. Landry Parish, LA

LAFAYETTE-FRANKFORT, IN COMBINED STATISTICAL AREA

Frankfort, IN Micropolitan Statistical Area

Clinton County, IN

Lafayette, IN Metropolitan Statistical Area

Benton County, IN

Carroll County, IN

Tippecanoe County, IN

LAKE CHARLES-JENNINGS, LA COMBINED STATISTICAL AREA

Jennings, LA Micropolitan Statistical Area

Jefferson Davis Parish, LA

Lake Charles, LA Metropolitan Statistical Area

Calcasieu Parish, LA

Cameron Parish, LA

LANSING-EAST LANSING-OWOSSO, MI COMBINED STATISTICAL AREA

Lansing-East Lansing, MI Metropolitan Statistical Area

Clinton County, MI

Eaton County, MI

Ingham County, MI

Owosso, MI Micropolitan Statistical Area

Shiawassee County, MI

LAS VEGAS-PARADISE-PAHRUMP, NV COMBINED STATISTICAL AREA

Las Vegas-Paradise, NV Metropolitan Statistical Area

Clark County, NV

Pahrump, NV Micropolitan Statistical Area

Nye County, NV

LEXINGTON-FAYETTE--FRANKFORT--RICHMOND, KY COMBINED STATISTICAL AREA

Frankfort, KY Micropolitan Statistical Area

Anderson County, KY

Franklin County, KY

Lexington-Fayette, KY Metropolitan Statistical Area

Bourbon County, KY

Clark County, KY

Fayette County, KY

Jessamine County, KY

Scott County, KY

Woodford County, KY

Mount Sterling, KY Micropolitan Statistical Area

Bath County, KY

Menifee County, KY

Montgomery County, KY

Richmond, KY Micropolitan Statistical Area

Madison County, KY

Rockcastle County, KY

LITTLE ROCK-NORTH LITTLE ROCK-PINE BLUFF, AR COMBINED STATISTICAL AREA

Little Rock-North Little Rock, AR Metropolitan Statistical Area

Faulkner County, AR

Grant County, AR

Lonoke County, AR

Perry County, AR

Pulaski County, AR

Saline County, AR

Pine Bluff, AR Metropolitan Statistical Area

Cleveland County, AR

Jefferson County, AR

Lincoln County, AR

Searcy, AR Micropolitan Statistical Area

White County, AR

LONGVIEW-MARSHALL, TX COMBINED STATISTICAL AREA

Longview, TX Metropolitan Statistical Area

Gregg County, TX

Rusk County, TX

Upshur County, TX

Marshall, TX Micropolitan Statistical Area

Harrison County, TX

LOS ANGELES-LONG BEACH-RIVERSIDE, CA COMBINED STATISTICAL AREA

Los Angeles-Long Beach-Santa Ana, CA Metropolitan Statistical Area

Los Angeles-Long Beach-Glendale, CA Metropolitan Division

Los Angeles County, CA

Santa Ana-Anaheim-Irvine, CA Metropolitan Division

Orange County, CA

Oxnard-Thousand Oaks-Ventura, CA Metropolitan Statistical Area

Ventura County, CA

Riverside-San Bernardino-Ontario, CA Metropolitan Statistical Area

Riverside County, CA

San Bernardino County, CA

LOUISVILLE-ELIZABETHTOWN-SCOTTSBURG, KY-IN COMBINED STATISTICAL AREA

Elizabethtown, KY Metropolitan Statistical Area

Hardin County, KY

Larue County, KY

Louisville, KY-IN Metropolitan Statistical Area

Clark County, IN

Floyd County, IN

Harrison County, IN

Washington County, IN

Bullitt County, KY

Henry County, KY

Jefferson County, KY

Meade County, KY

Nelson County, KY

Oldham County, KY

Shelby County, KY

Spencer County, KY

Trimble County, KY

Scottsburg, IN Micropolitan Statistical Area

Scott County, IN

LUBBOCK-LEVELLAND, TX COMBINED STATISTICAL AREA

Levelland, TX Micropolitan Statistical Area

Hockley County, TX

Lubbock, TX Metropolitan Statistical Area

Crosby County, TX

Lubbock County, TX

LUMBERTON-LAURINBURG, NC COMBINED STATISTICAL AREA

Laurinburg, NC Micropolitan Statistical Area

Scotland County, NC

Lumberton, NC Micropolitan Statistical Area

Robeson County, NC

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

Fort Valley, GA Micropolitan Statistical Area

Peach County, GA

Macon, GA Metropolitan Statistical Area

Bibb County, GA

Crawford County, GA

Jones County, GA

Monroe County, GA

Twiggs County, GA

Warner Robins, GA Metropolitan Statistical Area

Houston County, GA

MADISON-BARABOO, WI COMBINED STATISTICAL AREA

Baraboo, WI Micropolitan Statistical Area

Sauk County, WI

Madison, WI Metropolitan Statistical Area

Columbia County, WI

Dane County, WI

Iowa County, WI

MANSFIELD-BUCYRUS, OH COMBINED STATISTICAL AREA

Bucyrus, OH Micropolitan Statistical Area

Crawford County, OH

Mansfield, OH Metropolitan Statistical Area

Richland County, OH

MILWAUKEE-RACINE-WAUKESHA, WI COMBINED STATISTICAL AREA

Milwaukee-Waukesha-West Allis, WI Metropolitan Statistical Area

Milwaukee County, WI

Ozaukee County, WI

Washington County, WI

Waukesha County, WI

Racine, WI Metropolitan Statistical Area

Racine County, WI

MINNEAPOLIS-ST. PAUL-ST. CLOUD, MN-WI COMBINED STATISTICAL AREA

Faribault-Northfield, MN Micropolitan Statistical Area

Rice County, MN

Hutchinson, MN Micropolitan Statistical Area

McLeod County, MN

Minneapolis-St. Paul-Bloomington, MN-WI Metropolitan Statistical Area

Anoka County, MN

Carver County, MN

Chisago County, MN

Dakota County, MN

Hennepin County, MN

Isanti County, MN

Ramsey County, MN

Scott County, MN

Sherburne County, MN

Washington County, MN

Wright County, MN

Pierce County, WI

St. Croix County, WI

Red Wing, MN Micropolitan Statistical Area

Goodhue County, MN

St. Cloud, MN Metropolitan Statistical Area

Benton County, MN

Stearns County, MN

MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA

Daphne-Fairhope, AL Micropolitan Statistical Area

Baldwin County, AL

Mobile, AL Metropolitan Statistical Area

Mobile County, AL

MONROE-BASTROP, LA COMBINED STATISTICAL AREA

Bastrop, LA Micropolitan Statistical Area

Morehouse Parish, LA

Monroe, LA Metropolitan Statistical Area

Ouachita Parish, LA

Union Parish, LA

MORRISTOWN-NEWPORT, TN COMBINED STATISTICAL AREA

Morristown, TN Metropolitan Statistical Area

Grainger County, TN

Hamblen County, TN

Jefferson County, TN

Newport, TN Micropolitan Statistical Area

Cocke County, TN

MYRTLE BEACH-CONWAY-GEORGETOWN, SC COMBINED STATISTICAL AREA

Georgetown, SC Micropolitan Statistical Area

Georgetown County, SC

Myrtle Beach-Conway-North Myrtle Beach, SC Metropolitan Statistical Area

Horry County, SC

NASHVILLE-DAVIDSON-MURFREESBORO--COLUMBIA, TN COMBINED STATISTICAL AREA

Columbia, TN Micropolitan Statistical Area

Maury County, TN

Nashville-Davidson--Murfreesboro, TN Metropolitan Statistical Area

Cannon County, TN

Cheatham County, TN

Davidson County, TN

Dickson County, TN

Hickman County, TN
Macon County, TN
Robertson County, TN
Rutherford County, TN
Smith County, TN
Sumner County, TN
Trousdale County, TN
Williamson County, TN
Wilson County, TN

NEW ORLEANS-METAIRIE-BOGALUSA, LA COMBINED STATISTICAL AREA

Bogalusa, LA Micropolitan Statistical Area

Washington Parish, LA

New Orleans-Metairie-Kenner, LA Metropolitan Statistical Area

Jefferson Parish, LA
Orleans Parish, LA
Plaquemines Parish, LA
St. Bernard Parish, LA
St. Charles Parish, LA
St. John the Baptist Parish, LA
St. Tammany Parish, LA

NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA

Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area

Fairfield County, CT

Kingston, NY Metropolitan Statistical Area

Ulster County, NY

New Haven-Milford, CT Metropolitan Statistical Area

New Haven County, CT

New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area

Edison, NJ Metropolitan Division

Middlesex County, NJ
Monmouth County, NJ
Ocean County, NJ
Somerset County, NJ

Newark-Union, NJ-PA Metropolitan Division

Essex County, NJ
Hunterdon County, NJ

Morris County, NJ

Sussex County, NJ

Union County, NJ

Pike County, PA

New York-Wayne-White Plains, NY-NJ Metropolitan Division

Bergen County, NJ

Hudson County, NJ

Passaic County, NJ

Bronx County, NY

Kings County, NY

New York County, NY

Putnam County, NY

Queens County, NY

Richmond County, NY

Rockland County, NY

Westchester County, NY

Suffolk County-Nassau County, NY Metropolitan Division

Suffolk County, NY

Nassau County, NY

Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area

Dutchess County, NY

Orange County, NY

Torrington, CT Micropolitan Statistical Area

Litchfield County, CT

Trenton-Ewing, NJ Metropolitan Statistical Area

Mercer County, NJ

OKLAHOMA CITY-SHAWNEE, OK COMBINED STATISTICAL AREA

Oklahoma City, OK Metropolitan Statistical Area

Canadian County, OK

Cleveland County, OK

Grady County, OK

Lincoln County, OK

Logan County, OK

McClain County, OK

Oklahoma County, OK

Shawnee, OK Micropolitan Statistical Area

Pottawatomie County, OK

OMAHA-COUNCIL BLUFFS-FREMONT, NE-IA COMBINED STATISTICAL AREA

Fremont, NE Micropolitan Statistical Area

Dodge County, NE

Omaha-Council Bluffs, NE-IA Metropolitan Statistical Area

Harrison County, IA

Mills County, IA

Pottawattamie County, IA

Cass County, NE

Douglas County, NE

Sarpy County, NE

Saunders County, NE

Washington County, NE

ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA

Orlando, FL Metropolitan Statistical Area

Lake County, FL

Orange County, FL

Osceola County, FL

Seminole County, FL

The Villages, FL Micropolitan Statistical Area

Sumter County, FL

PADUCAH-MAYFIELD, KY-IL COMBINED STATISTICAL AREA

Mayfield, KY Micropolitan Statistical Area

Graves County, KY

Paducah, KY-IL Micropolitan Statistical Area

Massac County, IL

Ballard County, KY

Livingston County, KY

McCracken County, KY

PEORIA-CANTON, IL COMBINED STATISTICAL AREA

Canton, IL Micropolitan Statistical Area

Fulton County, IL

2002 Economic Census

U.S. Census Bureau, 2002 Economic Census

Peoria, IL Metropolitan Statistical Area

Marshall County, IL

Peoria County, IL

Stark County, IL

Tazewell County, IL

Woodford County, IL

PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA

Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area

Camden, NJ Metropolitan Division

Burlington County, NJ

Camden County, NJ

Gloucester County, NJ

Philadelphia, PA Metropolitan Division

Bucks County, PA

Chester County, PA

Delaware County, PA

Montgomery County, PA

Philadelphia County, PA

Wilmington, DE-MD-NJ Metropolitan Division

New Castle County, DE

Cecil County, MD

Salem County, NJ

Vineland-Millville-Bridgeton, NJ Metropolitan Statistical Area

Cumberland County, NJ

PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA

New Castle, PA Micropolitan Statistical Area

Lawrence County, PA

Pittsburgh, PA Metropolitan Statistical Area

Allegheny County, PA

Armstrong County, PA

Beaver County, PA

Butler County, PA

Fayette County, PA

Washington County, PA

Westmoreland County, PA

PORTLAND-LEWISTON-SOUTH PORTLAND, ME COMBINED STATISTICAL AREA

Lewiston-Auburn, ME Metropolitan Statistical Area

Androscoggin County, ME

Portland-South Portland, ME Metropolitan Statistical Area

Cumberland County, ME

Sagadahoc County, ME

York County, ME

RALEIGH-DURHAM-CARY, NC COMBINED STATISTICAL AREA

Dunn, NC Micropolitan Statistical Area

Harnett County, NC

Durham, NC Metropolitan Statistical Area

Chatham County, NC

Durham County, NC

Orange County, NC

Person County, NC

Raleigh-Cary, NC Metropolitan Statistical Area

Franklin County, NC

Johnston County, NC

Wake County, NC

ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA

Batavia, NY Micropolitan Statistical Area

Genesee County, NY

Rochester, NY Metropolitan Statistical Area

Livingston County, NY

Monroe County, NY

Ontario County, NY

Orleans County, NY

Wayne County, NY

Seneca Falls, NY Micropolitan Statistical Area

Seneca County, NY

ROCKFORD-FREEPORT-ROCHELLE, IL COMBINED STATISTICAL AREA

Freeport, IL Micropolitan Statistical Area

Stephenson County, IL

Rochelle, IL Micropolitan Statistical Area

Ogle County, IL

Rockford, IL Metropolitan Statistical Area

Boone County, IL

Winnebago County, IL

SACRAMENTO--ARDEN-ARCADE--TRUCKEE, CA-NV COMBINED STATISTICAL AREA

Gardnerville Ranchos, NV Micropolitan Statistical Area

Douglas County, NV

Sacramento--Arden-Arcade--Roseville, CA Metropolitan Statistical Area

El Dorado County, CA

Placer County, CA

Sacramento County, CA

Yolo County, CA

Truckee-Grass Valley, CA Micropolitan Statistical Area

Nevada County, CA

SAGINAW-BAY CITY-SAGINAW TOWNSHIP NORTH, MI COMBINED STATISTICAL AREA

Bay City, MI Metropolitan Statistical Area

Bay County, MI

Saginaw-Saginaw Township North, MI Metropolitan Statistical Area

Saginaw County, MI

ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA

Farmington, MO Micropolitan Statistical Area

St. Francois County, MO

St. Louis, MO-IL Metropolitan Statistical Area

Bond County, IL

Calhoun County, IL

Clinton County, IL

Jersey County, IL

Macoupin County, IL

Madison County, IL

Monroe County, IL

St. Clair County, IL

Franklin County, MO

Jefferson County, MO

Lincoln County, MO

St. Charles County, MO

St. Louis County, MO

Warren County, MO

Washington County, MO

St. Louis (IC), MO

SALISBURY-OCEAN PINES, MD COMBINED STATISTICAL AREA

Ocean Pines, MD Micropolitan Statistical Area

Worcester County, MD

Salisbury, MD Metropolitan Statistical Area

Somerset County, MD

Wicomico County, MD

SALT LAKE CITY-OGDEN-CLEARFIELD, UT COMBINED STATISTICAL AREA

Brigham City, UT Micropolitan Statistical Area

Box Elder County, UT

Ogden-Clearfield, UT Metropolitan Statistical Area

Davis County, UT

Morgan County, UT

Weber County, UT

Salt Lake City, UT Metropolitan Statistical Area

Salt Lake County, UT

Summit County, UT

Tooele County, UT

SAN JOSE-SAN FRANCISCO-OAKLAND, CA COMBINED STATISTICAL AREA

Napa, CA Metropolitan Statistical Area

Napa County, CA

San Francisco-Oakland-Fremont, CA Metropolitan Statistical Area

Oakland-Fremont-Hayward, CA Metropolitan Division

Alameda County, CA

Contra Costa County, CA

San Francisco-San Mateo-Redwood City, CA Metropolitan Division

Marin County, CA

San Francisco County, CA

San Mateo County, CA

San Jose-Sunnyvale-Santa Clara, CA Metropolitan Statistical Area

San Benito County, CA

Santa Clara County, CA

2002 Economic Census

Santa Cruz-Watsonville, CA Metropolitan Statistical Area

Santa Cruz County, CA

Santa Rosa-Petaluma, CA Metropolitan Statistical Area

Sonoma County, CA

Vallejo-Fairfield, CA Metropolitan Statistical Area

Solano County, CA

SANTA FE-ESPANOLA, NM COMBINED STATISTICAL AREA

Espanola, NM Micropolitan Statistical Area

Rio Arriba County, NM

Santa Fe, NM Metropolitan Statistical Area

Santa Fe County, NM

SAVANNAH-HINESVILLE-FORT STEWART, GA COMBINED STATISTICAL AREA

Hinesville-Fort Stewart, GA Metropolitan Statistical Area

Liberty County, GA

Long County, GA

Savannah, GA Metropolitan Statistical Area

Bryan County, GA

Chatham County, GA

Effingham County, GA

SEATTLE-TACOMA-OLYMPIA, WA COMBINED STATISTICAL AREA

Bremerton-Silverdale, WA Metropolitan Statistical Area

Kitsap County, WA

Oak Harbor, WA Micropolitan Statistical Area

Island County, WA

Olympia, WA Metropolitan Statistical Area

Thurston County, WA

Seattle-Tacoma-Bellevue, WA Metropolitan Statistical Area

Seattle-Bellevue-Everett, WA Metropolitan Division

King County, WA

Snohomish County, WA

Tacoma, WA Metropolitan Division

Pierce County, WA

Shelton, WA Micropolitan Statistical Area

Mason County, WA

SHREVEPORT-BOSSIER CITY-MINDEN, LA COMBINED STATISTICAL AREA

Minden, LA Micropolitan Statistical Area

Webster Parish, LA

Shreveport-Bossier City, LA Metropolitan Statistical Area

Bossier Parish, LA

Caddo Parish, LA

De Soto Parish, LA

SIOUX CITY-VERMILLION, IA-NE-SD COMBINED STATISTICAL AREA

Sioux City, IA-NE-SD Metropolitan Statistical Area

Woodbury County, IA

Dakota County, NE

Dixon County, NE

Union County, SD

Vermillion, SD Micropolitan Statistical Area

Clay County, SD

SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA

Gaffney, SC Micropolitan Statistical Area

Cherokee County, SC

Spartanburg, SC Metropolitan Statistical Area

Spartanburg County, SC

Union, SC Micropolitan Statistical Area

Union County, SC

SUNBURY-LEWISBURG-SELINGSGROVE, PA COMBINED STATISTICAL AREA

Lewisburg, PA Micropolitan Statistical Area

Union County, PA

Selinsgrove, PA Micropolitan Statistical Area

Snyder County, PA

Sunbury, PA Micropolitan Statistical Area

Northumberland County, PA

SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA

Auburn, NY Micropolitan Statistical Area

Cayuga County, NY

Syracuse, NY Metropolitan Statistical Area

Madison County, NY

Onondaga County, NY

Oswego County, NY

TOLEDO-FREMONT, OH COMBINED STATISTICAL AREA

Fremont, OH Micropolitan Statistical Area

Sandusky County, OH

Toledo, OH Metropolitan Statistical Area

Fulton County, OH

Lucas County, OH

Ottawa County, OH

Wood County, OH

TULSA-BARTLESVILLE, OK COMBINED STATISTICAL AREA

Bartlesville, OK Micropolitan Statistical Area

Washington County, OK

Tulsa, OK Metropolitan Statistical Area

Creek County, OK

Okmulgee County, OK

Osage County, OK

Pawnee County, OK

Rogers County, OK

Tulsa County, OK

Wagoner County, OK

TYLER-JACKSONVILLE, TX COMBINED STATISTICAL AREA

Jacksonville, TX Micropolitan Statistical Area

Cherokee County, TX

Tyler, TX Metropolitan Statistical Area

Smith County, TX

**WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED
STATISTICAL AREA**

Baltimore-Towson, MD Metropolitan Statistical Area

Anne Arundel County, MD

Baltimore County, MD

Carroll County, MD

Harford County, MD

Howard County, MD

Queen Anne's County, MD

Baltimore (IC), MD

Lexington Park, MD Micropolitan Statistical Area

St. Mary's County, MD

Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area

Bethesda-Frederick-Gaithersburg, MD Metropolitan Division

Frederick County, MD

Montgomery County, MD

Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division

District of Columbia, DC

Calvert County, MD

Charles County, MD

Prince George's County, MD

Arlington County, VA

Clarke County, VA

Fairfax County, VA

Fauquier County, VA

Loudoun County, VA

Prince William County, VA

Spotsylvania County, VA

Stafford County, VA

Warren County, VA

Alexandria (IC), VA

Fairfax (IC), VA

Falls Church (IC), VA

Fredericksburg (IC), VA

Manassas (IC), VA

Manassas Park (IC), VA

Jefferson County, WV

Winchester, VA-WV Metropolitan Statistical Area

Frederick County, VA

Winchester (IC), VA

Hampshire County, WV

WAUSAU-MERRILL, WI COMBINED STATISTICAL AREA

Merrill, WI Micropolitan Statistical Area

Lincoln County, WI

Wausau, WI Metropolitan Statistical Area

Marathon County, WI

WICHITA-WINFIELD, KS COMBINED STATISTICAL AREA

Wichita, KS Metropolitan Statistical Area

Butler County, KS

Harvey County, KS

Sedgwick County, KS

Sumner County, KS

Winfield, KS Micropolitan Statistical Area

Cowley County, KS

WILLIAMSPORT-LOCK HAVEN, PA COMBINED STATISTICAL AREA

Lock Haven, PA Micropolitan Statistical Area

Clinton County, PA

Williamsport, PA Metropolitan Statistical Area

Lycoming County, PA

YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA

Gettysburg, PA Micropolitan Statistical Area

Adams County, PA

York-Hanover, PA Metropolitan Statistical Area

York County, PA

YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA

East Liverpool-Salem, OH Micropolitan Statistical Area

Columbiana County, OH

Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area

Mahoning County, OH

Trumbull County, OH

Mercer County, PA

ABERDEEN, SD MICROPOLITAN STATISTICAL AREA

Brown County, SD

Edmunds County, SD

ABERDEEN, WA MICROPOLITAN STATISTICAL AREA

Grays Harbor County, WA

ABILENE, TX METROPOLITAN STATISTICAL AREA

Callahan County, TX

Jones County, TX

Taylor County, TX

ADA, OK MICROPOLITAN STATISTICAL AREA

Pontotoc County, OK

ADRIAN, MI MICROPOLITAN STATISTICAL AREA

Lenawee County, MI

ALAMOGORDO, NM MICROPOLITAN STATISTICAL AREA

Otero County, NM

ALBANY, GA METROPOLITAN STATISTICAL AREA

Baker County, GA

Dougherty County, GA

Lee County, GA

Terrell County, GA

Worth County, GA

ALBERT LEA, MN MICROPOLITAN STATISTICAL AREA

Freeborn County, MN

ALBERTVILLE, AL MICROPOLITAN STATISTICAL AREA

Marshall County, AL

ALBUQUERQUE, NM METROPOLITAN STATISTICAL AREA

Bernalillo County, NM

Sandoval County, NM

Torrance County, NM

Valencia County, NM

ALEXANDRIA, LA METROPOLITAN STATISTICAL AREA

Grant Parish, LA

Rapides Parish, LA

ALEXANDRIA, MN MICROPOLITAN STATISTICAL AREA

Douglas County, MN

ALICE, TX MICROPOLITAN STATISTICAL AREA

Jim Wells County, TX

ALLENTOWN-BETHLEHEM-EASTON, PA-NJ METROPOLITAN STATISTICAL AREA

Warren County, NJ

Carbon County, PA

Lehigh County, PA

Northampton County, PA

ALMA, MI MICROPOLITAN STATISTICAL AREA

Gratiot County, MI

ALPENA, MI MICROPOLITAN STATISTICAL AREA

Alpena County, MI

ALTOONA, PA METROPOLITAN STATISTICAL AREA

Blair County, PA

ALTUS, OK MICROPOLITAN STATISTICAL AREA

Jackson County, OK

AMARILLO, TX METROPOLITAN STATISTICAL AREA

Armstrong County, TX

Carson County, TX

Potter County, TX

Randall County, TX

AMERICUS, GA MICROPOLITAN STATISTICAL AREA

Schley County, GA

Sumter County, GA

ANCHORAGE, AK METROPOLITAN STATISTICAL AREA

Anchorage Municipality, AK

Matanuska-Susitna Borough, AK

ANDREWS, TX MICROPOLITAN STATISTICAL AREA

Andrews County, TX

ANGOLA, IN MICROPOLITAN STATISTICAL AREA

Steuben County, IN

ANNISTON-OXFORD, AL METROPOLITAN STATISTICAL AREA

Calhoun County, AL

ARCADIA, FL MICROPOLITAN STATISTICAL AREA

DeSoto County, FL

ARDMORE, OK MICROPOLITAN STATISTICAL AREA

Carter County, OK

Love County, OK

ARKADELPHIA, AR MICROPOLITAN STATISTICAL AREA

Clark County, AR

ASHLAND, OH MICROPOLITAN STATISTICAL AREA

Ashland County, OH

ASTORIA, OR MICROPOLITAN STATISTICAL AREA

Clatsop County, OR

ATHENS, OH MICROPOLITAN STATISTICAL AREA

Athens County, OH

ATHENS-CLARKE COUNTY, GA METROPOLITAN STATISTICAL AREA

Clarke County, GA

Madison County, GA

Oconee County, GA

Oglethorpe County, GA

ATLANTIC CITY, NJ METROPOLITAN STATISTICAL AREA

Atlantic County, NJ

AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA

Burke County, GA

Columbia County, GA

McDuffie County, GA

Richmond County, GA

Aiken County, SC

Edgefield County, SC

AUGUSTA-WATERTOWN, ME MICROPOLITAN STATISTICAL AREA

Kennebec County, ME

AUSTIN, MN MICROPOLITAN STATISTICAL AREA

Mower County, MN

AUSTIN-ROUND ROCK, TX METROPOLITAN STATISTICAL AREA

Bastrop County, TX

Caldwell County, TX

Hays County, TX

Travis County, TX

Williamson County, TX

BAINBRIDGE, GA MICROPOLITAN STATISTICAL AREA

Decatur County, GA

BAKERSFIELD, CA METROPOLITAN STATISTICAL AREA

Kern County, CA

BANGOR, ME METROPOLITAN STATISTICAL AREA

Penobscot County, ME

BARNSTABLE TOWN, MA METROPOLITAN STATISTICAL AREA

Barnstable County, MA

BARRE, VT MICROPOLITAN STATISTICAL AREA

Washington County, VT

BATESVILLE, AR MICROPOLITAN STATISTICAL AREA

Independence County, AR

BATTLE CREEK, MI METROPOLITAN STATISTICAL AREA

Calhoun County, MI

BEATRICE, NE MICROPOLITAN STATISTICAL AREA

Gage County, NE

BEAUMONT-PORT ARTHUR, TX METROPOLITAN STATISTICAL AREA

Hardin County, TX

Jefferson County, TX

Orange County, TX

BEDFORD, IN MICROPOLITAN STATISTICAL AREA

Lawrence County, IN

BEEVILLE, TX MICROPOLITAN STATISTICAL AREA

Bee County, TX

BELLEFONTAINE, OH MICROPOLITAN STATISTICAL AREA

Logan County, OH

BELLINGHAM, WA METROPOLITAN STATISTICAL AREA

Whatcom County, WA

BEMIDJI, MN MICROPOLITAN STATISTICAL AREA

Beltrami County, MN

BENNETTSVILLE, SC MICROPOLITAN STATISTICAL AREA

Marlboro County, SC

BENNINGTON, VT MICROPOLITAN STATISTICAL AREA

Bennington County, VT

BERLIN, NH-VT MICROPOLITAN STATISTICAL AREA

Coos County, NH

Essex County, VT

BIG RAPIDS, MI MICROPOLITAN STATISTICAL AREA

Mecosta County, MI

BIG SPRING, TX MICROPOLITAN STATISTICAL AREA

Howard County, TX

BILLINGS, MT METROPOLITAN STATISTICAL AREA

Carbon County, MT

Yellowstone County, MT

BINGHAMTON, NY METROPOLITAN STATISTICAL AREA

Broome County, NY

Tioga County, NY

BISHOP, CA MICROPOLITAN STATISTICAL AREA

Inyo County, CA

BISMARCK, ND METROPOLITAN STATISTICAL AREA

Burleigh County, ND

Morton County, ND

BLACKSBURG-CHRISTIANSBURG-RADFORD, VA METROPOLITAN STATISTICAL AREA

Giles County, VA

Montgomery County, VA

Pulaski County, VA

Radford (IC), VA

BLOOMINGTON, IN METROPOLITAN STATISTICAL AREA

Greene County, IN

Monroe County, IN

Owen County, IN

BLOOMINGTON-NORMAL, IL METROPOLITAN STATISTICAL AREA

McLean County, IL

BLOOMSBURG-BERWICK, PA MICROPOLITAN STATISTICAL AREA

Columbia County, PA

Montour County, PA

BLUEFIELD, WV-VA MICROPOLITAN STATISTICAL AREA

Tazewell County, VA

Mercer County, WV

BLYTHEVILLE, AR MICROPOLITAN STATISTICAL AREA

Mississippi County, AR

BOISE CITY-NAMPA, ID METROPOLITAN STATISTICAL AREA

Ada County, ID

Boise County, ID

Canyon County, ID

Gem County, ID

Owyhee County, ID

BOONE, NC MICROPOLITAN STATISTICAL AREA

Watauga County, NC

BORGER, TX MICROPOLITAN STATISTICAL AREA

Hutchinson County, TX

BOWLING GREEN, KY METROPOLITAN STATISTICAL AREA

Edmonson County, KY

Warren County, KY

BOZEMAN, MT MICROPOLITAN STATISTICAL AREA

Gallatin County, MT

BRADFORD, PA MICROPOLITAN STATISTICAL AREA

McKean County, PA

BRAINERD, MN MICROPOLITAN STATISTICAL AREA

Cass County, MN

Crow Wing County, MN

BRANSON, MO MICROPOLITAN STATISTICAL AREA

Stone County, MO

Taney County, MO

BRENHAM, TX MICROPOLITAN STATISTICAL AREA

Washington County, TX

BROOKHAVEN, MS MICROPOLITAN STATISTICAL AREA

Lincoln County, MS

BROOKINGS, OR MICROPOLITAN STATISTICAL AREA

Curry County, OR

BROOKINGS, SD MICROPOLITAN STATISTICAL AREA

Brookings County, SD

BROWNSVILLE, TN MICROPOLITAN STATISTICAL AREA

Haywood County, TN

BROWNWOOD, TX MICROPOLITAN STATISTICAL AREA

Brown County, TX

BRUNSWICK, GA METROPOLITAN STATISTICAL AREA

Brantley County, GA

Glynn County, GA

McIntosh County, GA

BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA

Erie County, NY

Niagara County, NY

BURLEY, ID MICROPOLITAN STATISTICAL AREA

Cassia County, ID

Minidoka County, ID

BURLINGTON, IA-IL MICROPOLITAN STATISTICAL AREA

Henderson County, IL

Des Moines County, IA

BURLINGTON, NC METROPOLITAN STATISTICAL AREA

Alamance County, NC

BURLINGTON-SOUTH BURLINGTON, VT METROPOLITAN STATISTICAL AREA

Chittenden County, VT

Franklin County, VT

Grand Isle County, VT

BUTTE-SILVER BOW, MT MICROPOLITAN STATISTICAL AREA

Silver Bow County, MT

CADILLAC, MI MICROPOLITAN STATISTICAL AREA

Missaukee County, MI

Wexford County, MI

CALHOUN, GA MICROPOLITAN STATISTICAL AREA

Gordon County, GA

CAMBRIDGE, MD MICROPOLITAN STATISTICAL AREA

Dorchester County, MD

CAMBRIDGE, OH MICROPOLITAN STATISTICAL AREA

Guernsey County, OH

CAMDEN, AR MICROPOLITAN STATISTICAL AREA

Calhoun County, AR

Ouachita County, AR

CAMPBELLSVILLE, KY MICROPOLITAN STATISTICAL AREA

Taylor County, KY

CANON CITY, CO MICROPOLITAN STATISTICAL AREA

Fremont County, CO

CANTON-MASSILLON, OH METROPOLITAN STATISTICAL AREA

Carroll County, OH

Stark County, OH

CAPE CORAL-FORT MYERS, FL METROPOLITAN STATISTICAL AREA

Lee County, FL

CARBONDALE, IL MICROPOLITAN STATISTICAL AREA

Jackson County, IL

CARLSBAD-ARTESIA, NM MICROPOLITAN STATISTICAL AREA

Eddy County, NM

CARSON CITY, NV METROPOLITAN STATISTICAL AREA

Carson City (IC), NV

CASPER, WY METROPOLITAN STATISTICAL AREA

Natrona County, WY

CEDAR CITY, UT MICROPOLITAN STATISTICAL AREA

Iron County, UT

CEDAR RAPIDS, IA METROPOLITAN STATISTICAL AREA

Benton County, IA

Jones County, IA

Linn County, IA

CELINA, OH MICROPOLITAN STATISTICAL AREA

Mercer County, OH

CENTRAL CITY, KY MICROPOLITAN STATISTICAL AREA

Muhlenberg County, KY

CENTRALIA, IL MICROPOLITAN STATISTICAL AREA

Marion County, IL

CENTRALIA, WA MICROPOLITAN STATISTICAL AREA

Lewis County, WA

CHAMBERSBURG, PA MICROPOLITAN STATISTICAL AREA

Franklin County, PA

CHAMPAIGN-URBANA, IL METROPOLITAN STATISTICAL AREA

Champaign County, IL

Ford County, IL

Piatt County, IL

CHARLESTON, WV METROPOLITAN STATISTICAL AREA

Boone County, WV

Clay County, WV

Kanawha County, WV

Lincoln County, WV

Putnam County, WV

CHARLESTON-MATTOON, IL MICROPOLITAN STATISTICAL AREA

Coles County, IL

Cumberland County, IL

CHARLESTON-NORTH CHARLESTON, SC METROPOLITAN STATISTICAL AREA

Berkeley County, SC

Charleston County, SC

Dorchester County, SC

CHARLOTTESVILLE, VA METROPOLITAN STATISTICAL AREA

Albemarle County, VA

Fluvanna County, VA

Greene County, VA

Nelson County, VA

Charlottesville (IC), VA

CHEYENNE, WY METROPOLITAN STATISTICAL AREA

Laramie County, WY

CHICO, CA METROPOLITAN STATISTICAL AREA

Butte County, CA

CITY OF THE DALLES, OR MICROPOLITAN STATISTICAL AREA

Wasco County, OR

CLARKSDALE, MS MICROPOLITAN STATISTICAL AREA

Coahoma County, MS

CLARKSVILLE, TN-KY METROPOLITAN STATISTICAL AREA

Christian County, KY

Trigg County, KY

Montgomery County, TN

Stewart County, TN

CLEARLAKE, CA MICROPOLITAN STATISTICAL AREA

Lake County, CA

CLEVELAND, MS MICROPOLITAN STATISTICAL AREA

Bolivar County, MS

CLEWISTON, FL MICROPOLITAN STATISTICAL AREA

Hendry County, FL

CLINTON, IA MICROPOLITAN STATISTICAL AREA

Clinton County, IA

COEUR D'ALENE, ID METROPOLITAN STATISTICAL AREA

Kootenai County, ID

COFFEYVILLE, KS MICROPOLITAN STATISTICAL AREA

Montgomery County, KS

COLDWATER, MI MICROPOLITAN STATISTICAL AREA

Branch County, MI

COLLEGE STATION-BRYAN, TX METROPOLITAN STATISTICAL AREA

Brazos County, TX

Burleson County, TX

Robertson County, TX

COLORADO SPRINGS, CO METROPOLITAN STATISTICAL AREA

El Paso County, CO

Teller County, CO

COLUMBIA, MO METROPOLITAN STATISTICAL AREA

Boone County, MO

Howard County, MO

COLUMBUS, MS MICROPOLITAN STATISTICAL AREA

Lowndes County, MS

COLUMBUS, NE MICROPOLITAN STATISTICAL AREA

Platte County, NE

CONNERSVILLE, IN MICROPOLITAN STATISTICAL AREA

Fayette County, IN

COOKEVILLE, TN MICROPOLITAN STATISTICAL AREA

Jackson County, TN

Overton County, TN

Putnam County, TN

COOS BAY, OR MICROPOLITAN STATISTICAL AREA

Coos County, OR

CORDELE, GA MICROPOLITAN STATISTICAL AREA

Crisp County, GA

CORINTH, MS MICROPOLITAN STATISTICAL AREA

Alcorn County, MS

CORNELIA, GA MICROPOLITAN STATISTICAL AREA

Habersham County, GA

CORNING, NY MICROPOLITAN STATISTICAL AREA

Steuben County, NY

CORSICANA, TX MICROPOLITAN STATISTICAL AREA

Navarro County, TX

COSHOCTON, OH MICROPOLITAN STATISTICAL AREA

Coshocton County, OH

CRESCENT CITY NORTH, CA MICROPOLITAN STATISTICAL AREA

Del Norte County, CA

CROSSVILLE, TN MICROPOLITAN STATISTICAL AREA

Cumberland County, TN

CUMBERLAND, MD-WV METROPOLITAN STATISTICAL AREA

Allegany County, MD

Mineral County, WV

DALTON, GA METROPOLITAN STATISTICAL AREA

Murray County, GA

Whitfield County, GA

DANVILLE, IL METROPOLITAN STATISTICAL AREA

Vermilion County, IL

DANVILLE, KY MICROPOLITAN STATISTICAL AREA

Boyle County, KY

Lincoln County, KY

DANVILLE, VA METROPOLITAN STATISTICAL AREA

Pittsylvania County, VA

Danville (IC), VA

DAVENPORT-MOLINE-ROCK ISLAND, IA-IL METROPOLITAN STATISTICAL AREA

Henry County, IL

Mercer County, IL

Rock Island County, IL

Scott County, IA

DECATUR, IL METROPOLITAN STATISTICAL AREA

Macon County, IL

DEFIANCE, OH MICROPOLITAN STATISTICAL AREA

Defiance County, OH

DEL RIO, TX MICROPOLITAN STATISTICAL AREA

Val Verde County, TX

DEMING, NM MICROPOLITAN STATISTICAL AREA

Luna County, NM

DICKINSON, ND MICROPOLITAN STATISTICAL AREA

Billings County, ND

Stark County, ND

DILLON, SC MICROPOLITAN STATISTICAL AREA

Dillon County, SC

DIXON, IL MICROPOLITAN STATISTICAL AREA

Lee County, IL

DODGE CITY, KS MICROPOLITAN STATISTICAL AREA

Ford County, KS

DOUGLAS, GA MICROPOLITAN STATISTICAL AREA

Atkinson County, GA

Coffee County, GA

DOVER, DE METROPOLITAN STATISTICAL AREA

Kent County, DE

DUBLIN, GA MICROPOLITAN STATISTICAL AREA

Johnson County, GA

Laurens County, GA

DUBOIS, PA MICROPOLITAN STATISTICAL AREA

Clearfield County, PA

DUBUQUE, IA METROPOLITAN STATISTICAL AREA

Dubuque County, IA

DULUTH, MN-WI METROPOLITAN STATISTICAL AREA

Carlton County, MN

St. Louis County, MN

Douglas County, WI

DUMAS, TX MICROPOLITAN STATISTICAL AREA

Moore County, TX

DUNCAN, OK MICROPOLITAN STATISTICAL AREA

Stephens County, OK

DURANGO, CO MICROPOLITAN STATISTICAL AREA

La Plata County, CO

DURANT, OK MICROPOLITAN STATISTICAL AREA

Bryan County, OK

DYERSBURG, TN MICROPOLITAN STATISTICAL AREA

Dyer County, TN

EAGLE PASS, TX MICROPOLITAN STATISTICAL AREA

Maverick County, TX

EASTON, MD MICROPOLITAN STATISTICAL AREA

Talbot County, MD

EAST STROUDSBURG, PA MICROPOLITAN STATISTICAL AREA

Monroe County, PA

EDWARDS, CO MICROPOLITAN STATISTICAL AREA

Eagle County, CO

Lake County, CO

EFFINGHAM, IL MICROPOLITAN STATISTICAL AREA

Effingham County, IL

EL CAMPO, TX MICROPOLITAN STATISTICAL AREA

Wharton County, TX

EL CENTRO, CA METROPOLITAN STATISTICAL AREA

Imperial County, CA

EL DORADO, AR MICROPOLITAN STATISTICAL AREA

Union County, AR

ELIZABETH CITY, NC MICROPOLITAN STATISTICAL AREA

Camden County, NC

Pasquotank County, NC

Perquimans County, NC

ELKHART-GOSHEN, IN METROPOLITAN STATISTICAL AREA

Elkhart County, IN

ELKO, NV MICROPOLITAN STATISTICAL AREA

Elko County, NV

Eureka County, NV

ELLENSBURG, WA MICROPOLITAN STATISTICAL AREA

Kittitas County, WA

ELMIRA, NY METROPOLITAN STATISTICAL AREA

Chemung County, NY

EL PASO, TX METROPOLITAN STATISTICAL AREA

El Paso County, TX

EMPORIA, KS MICROPOLITAN STATISTICAL AREA

Chase County, KS

Lyon County, KS

ENID, OK MICROPOLITAN STATISTICAL AREA

Garfield County, OK

ERIE, PA METROPOLITAN STATISTICAL AREA

Erie County, PA

ESCANABA, MI MICROPOLITAN STATISTICAL AREA

Delta County, MI

EUGENE-SPRINGFIELD, OR METROPOLITAN STATISTICAL AREA

Lane County, OR

EUREKA-ARCATA-FORTUNA, CA MICROPOLITAN STATISTICAL AREA

Humboldt County, CA

EVANSTON, WY MICROPOLITAN STATISTICAL AREA

Uinta County, WY

EVANSVILLE, IN-KY METROPOLITAN STATISTICAL AREA

Gibson County, IN

Posey County, IN

Vanderburgh County, IN

Warrick County, IN

Henderson County, KY

Webster County, KY

FAIRBANKS, AK METROPOLITAN STATISTICAL AREA

Fairbanks North Star Borough, AK

FAIRMONT, MN MICROPOLITAN STATISTICAL AREA

Martin County, MN

FALLON, NV MICROPOLITAN STATISTICAL AREA

Churchill County, NV

FARMINGTON, NM METROPOLITAN STATISTICAL AREA

San Juan County, NM

FAYETTEVILLE, NC METROPOLITAN STATISTICAL AREA

Cumberland County, NC

Hoke County, NC

FAYETTEVILLE-SPRINGDALE-ROGERS, AR-MO METROPOLITAN STATISTICAL AREA

Benton County, AR

Madison County, AR

Washington County, AR

McDonald County, MO

FERGUS FALLS, MN MICROPOLITAN STATISTICAL AREA

Otter Tail County, MN

FITZGERALD, GA MICROPOLITAN STATISTICAL AREA

Ben Hill County, GA

Irwin County, GA

FLAGSTAFF, AZ METROPOLITAN STATISTICAL AREA

Coconino County, AZ

FLORENCE, AL METROPOLITAN STATISTICAL AREA

Colbert County, AL

Lauderdale County, AL

FLORENCE, SC METROPOLITAN STATISTICAL AREA

Darlington County, SC

Florence County, SC

FOREST CITY, NC MICROPOLITAN STATISTICAL AREA

Rutherford County, NC

FORREST CITY, AR MICROPOLITAN STATISTICAL AREA

St. Francis County, AR

FORT COLLINS-LOVELAND, CO METROPOLITAN STATISTICAL AREA

Larimer County, CO

FORT DODGE, IA MICROPOLITAN STATISTICAL AREA

Webster County, IA

FORT LEONARD WOOD, MO MICROPOLITAN STATISTICAL AREA

Pulaski County, MO

FORT MORGAN, CO MICROPOLITAN STATISTICAL AREA

Morgan County, CO

FORT SMITH, AR-OK METROPOLITAN STATISTICAL AREA

Crawford County, AR

Franklin County, AR

Sebastian County, AR

Le Flore County, OK

Sequoyah County, OK

FORT WALTON BEACH-CRESTVIEW-DESTIN, FL METROPOLITAN STATISTICAL AREA

Okaloosa County, FL

GADSDEN, AL METROPOLITAN STATISTICAL AREA

Etowah County, AL

GAINESVILLE, FL METROPOLITAN STATISTICAL AREA

Alachua County, FL

Gilchrist County, FL

GALESBURG, IL MICROPOLITAN STATISTICAL AREA

Knox County, IL

Warren County, IL

GALLUP, NM MICROPOLITAN STATISTICAL AREA

McKinley County, NM

GARDEN CITY, KS MICROPOLITAN STATISTICAL AREA

Finney County, KS

GILLETTE, WY MICROPOLITAN STATISTICAL AREA

Campbell County, WY

GLASGOW, KY MICROPOLITAN STATISTICAL AREA

Barren County, KY

Metcalfe County, KY

GOLDSBORO, NC METROPOLITAN STATISTICAL AREA

Wayne County, NC

GRAND FORKS, ND-MN METROPOLITAN STATISTICAL AREA

Polk County, MN

Grand Forks County, ND

GRAND ISLAND, NE MICROPOLITAN STATISTICAL AREA

Hall County, NE

Howard County, NE

Merrick County, NE

GRAND JUNCTION, CO METROPOLITAN STATISTICAL AREA

Mesa County, CO

GRANTS, NM MICROPOLITAN STATISTICAL AREA

Cibola County, NM

GRANTS PASS, OR MICROPOLITAN STATISTICAL AREA

Josephine County, OR

GREAT BEND, KS MICROPOLITAN STATISTICAL AREA

Barton County, KS

GREAT FALLS, MT METROPOLITAN STATISTICAL AREA

Cascade County, MT

GREELEY, CO METROPOLITAN STATISTICAL AREA

Weld County, CO

GREEN BAY, WI METROPOLITAN STATISTICAL AREA

Brown County, WI

Kewaunee County, WI

Oconto County, WI

GREENEVILLE, TN MICROPOLITAN STATISTICAL AREA

Greene County, TN

GREENSBURG, IN MICROPOLITAN STATISTICAL AREA

Decatur County, IN

GREENVILLE, MS MICROPOLITAN STATISTICAL AREA

Washington County, MS

GREENVILLE, NC METROPOLITAN STATISTICAL AREA

Greene County, NC

Pitt County, NC

GREENWOOD, MS MICROPOLITAN STATISTICAL AREA

Carroll County, MS

Leflore County, MS

GREENWOOD, SC MICROPOLITAN STATISTICAL AREA

Greenwood County, SC

GRENADA, MS MICROPOLITAN STATISTICAL AREA

Grenada County, MS

GUYMON, OK MICROPOLITAN STATISTICAL AREA

Texas County, OK

HAGERSTOWN-MARTINSBURG, MD-WV METROPOLITAN STATISTICAL AREA

Washington County, MD

Berkeley County, WV

Morgan County, WV

HAMMOND, LA MICROPOLITAN STATISTICAL AREA

Tangipahoa Parish, LA

HANFORD-CORCORAN, CA METROPOLITAN STATISTICAL AREA

Kings County, CA

HANNIBAL, MO MICROPOLITAN STATISTICAL AREA

Marion County, MO

Ralls County, MO

HARRISBURG, IL MICROPOLITAN STATISTICAL AREA

Saline County, IL

HARRISON, AR MICROPOLITAN STATISTICAL AREA

Boone County, AR

Newton County, AR

HARRISONBURG, VA METROPOLITAN STATISTICAL AREA

Rockingham County, VA

Harrisonburg (IC), VA

HASTINGS, NE MICROPOLITAN STATISTICAL AREA

Adams County, NE

Clay County, NE

HATTIESBURG, MS METROPOLITAN STATISTICAL AREA

Forrest County, MS

Lamar County, MS

Perry County, MS

HAVRE, MT MICROPOLITAN STATISTICAL AREA

Hill County, MT

HAYS, KS MICROPOLITAN STATISTICAL AREA

Ellis County, KS

HELENA, MT MICROPOLITAN STATISTICAL AREA

Jefferson County, MT

Lewis and Clark County, MT

HENDERSON, NC MICROPOLITAN STATISTICAL AREA

Vance County, NC

HEREFORD, TX MICROPOLITAN STATISTICAL AREA

Deaf Smith County, TX

HICKORY-MORGANTON-LENOIR, NC METROPOLITAN STATISTICAL AREA

Alexander County, NC

Burke County, NC

Caldwell County, NC

Catawba County, NC

HILO, HI MICROPOLITAN STATISTICAL AREA

Hawaii County, HI

HILTON HEAD ISLAND-BEAUFORT, SC MICROPOLITAN STATISTICAL AREA

Beaufort County, SC

Jasper County, SC

HOBBS, NM MICROPOLITAN STATISTICAL AREA

Lea County, NM

HOMOSASSA SPRINGS, FL MICROPOLITAN STATISTICAL AREA

Citrus County, FL

HONOLULU, HI METROPOLITAN STATISTICAL AREA

Honolulu County, HI

HOOD RIVER, OR MICROPOLITAN STATISTICAL AREA

Hood River County, OR

HOPE, AR MICROPOLITAN STATISTICAL AREA

Hempstead County, AR

Nevada County, AR

HOT SPRINGS, AR METROPOLITAN STATISTICAL AREA

Garland County, AR

HOUGHTON, MI MICROPOLITAN STATISTICAL AREA

Houghton County, MI

Keweenaw County, MI

HOUMA-BAYOU CANE-THIBODAUX, LA METROPOLITAN STATISTICAL AREA

Lafourche Parish, LA

Terrebonne Parish, LA

HUNTINGDON, PA MICROPOLITAN STATISTICAL AREA

Huntingdon County, PA

HUNTINGTON-ASHLAND, WV-KY-OH METROPOLITAN STATISTICAL AREA

Boyd County, KY

Greenup County, KY

Lawrence County, OH

Cabell County, WV

Wayne County, WV

HURON, SD MICROPOLITAN STATISTICAL AREA

Beadle County, SD

HUTCHINSON, KS MICROPOLITAN STATISTICAL AREA

Reno County, KS

INDIANA, PA MICROPOLITAN STATISTICAL AREA

Indiana County, PA

INDIANOLA, MS MICROPOLITAN STATISTICAL AREA

Sunflower County, MS

IOWA CITY, IA METROPOLITAN STATISTICAL AREA

Johnson County, IA

Washington County, IA

IRON MOUNTAIN, MI-WI MICROPOLITAN STATISTICAL AREA

Dickinson County, MI

Florence County, WI

JACKSON, MI METROPOLITAN STATISTICAL AREA

Jackson County, MI

JACKSON, TN METROPOLITAN STATISTICAL AREA

Chester County, TN

Madison County, TN

JACKSON, WY-ID MICROPOLITAN STATISTICAL AREA

Teton County, ID

Teton County, WY

JACKSONVILLE, FL METROPOLITAN STATISTICAL AREA

Baker County, FL

Clay County, FL

Duval County, FL

Nassau County, FL

St. Johns County, FL

JACKSONVILLE, IL MICROPOLITAN STATISTICAL AREA

Morgan County, IL

Scott County, IL

JACKSONVILLE, NC METROPOLITAN STATISTICAL AREA

Onslow County, NC

JAMESTOWN, ND MICROPOLITAN STATISTICAL AREA

Stutsman County, ND

JAMESTOWN-DUNKIRK-FREDONIA, NY MICROPOLITAN STATISTICAL AREA

Chautauqua County, NY

JANESVILLE, WI METROPOLITAN STATISTICAL AREA

Rock County, WI

JASPER, IN MICROPOLITAN STATISTICAL AREA

Dubois County, IN

Pike County, IN

JEFFERSON CITY, MO METROPOLITAN STATISTICAL AREA

Callaway County, MO

Cole County, MO

Moniteau County, MO

Osage County, MO

JESUP, GA MICROPOLITAN STATISTICAL AREA

Wayne County, GA

JOHNSTOWN, PA METROPOLITAN STATISTICAL AREA

Cambria County, PA

JONESBORO, AR METROPOLITAN STATISTICAL AREA

Craighead County, AR

Poinsett County, AR

JOPLIN, MO METROPOLITAN STATISTICAL AREA

Jasper County, MO

Newton County, MO

JUNEAU, AK MICROPOLITAN STATISTICAL AREA

Juneau City and Borough, AK

KAHULUI-WAILUKU, HI MICROPOLITAN STATISTICAL AREA

Maui County, HI

KALAMAZOO-PORTAGE, MI METROPOLITAN STATISTICAL AREA

Kalamazoo County, MI

Van Buren County, MI

KALISPELL, MT MICROPOLITAN STATISTICAL AREA

Flathead County, MT

KAPAA, HI MICROPOLITAN STATISTICAL AREA

Kauai County, HI

KEARNEY, NE MICROPOLITAN STATISTICAL AREA

Buffalo County, NE

Kearney County, NE

KEENE, NH MICROPOLITAN STATISTICAL AREA

Cheshire County, NH

KENNETT, MO MICROPOLITAN STATISTICAL AREA

Dunklin County, MO

KENNEWICK-RICHLAND-PASCO, WA METROPOLITAN STATISTICAL AREA

Benton County, WA

Franklin County, WA

KEOKUK-FORT MADISON, IA-MO MICROPOLITAN STATISTICAL AREA

Lee County, IA

Clark County, MO

KERRVILLE, TX MICROPOLITAN STATISTICAL AREA

Kerr County, TX

KETCHIKAN, AK MICROPOLITAN STATISTICAL AREA

Ketchikan Gateway Borough, AK

KEY WEST-MARATHON, FL MICROPOLITAN STATISTICAL AREA

Monroe County, FL

KILL DEVIL HILLS, NC MICROPOLITAN STATISTICAL AREA

Dare County, NC

KILLEEN-TEMPLE-FORT HOOD, TX METROPOLITAN STATISTICAL AREA

Bell County, TX

Coryell County, TX

Lampasas County, TX

KINSTON, NC MICROPOLITAN STATISTICAL AREA

Lenoir County, NC

KIRKSVILLE, MO MICROPOLITAN STATISTICAL AREA

Adair County, MO

Schuyler County, MO

KLAMATH FALLS, OR MICROPOLITAN STATISTICAL AREA

Klamath County, OR

KODIAK, AK MICROPOLITAN STATISTICAL AREA

Kodiak Island Borough, AK

LA CROSSE, WI-MN METROPOLITAN STATISTICAL AREA

Houston County, MN

La Crosse County, WI

LA GRANDE, OR MICROPOLITAN STATISTICAL AREA

Union County, OR

LAKE CITY, FL MICROPOLITAN STATISTICAL AREA

Columbia County, FL

LAKE HAVASU CITY-KINGMAN, AZ MICROPOLITAN STATISTICAL AREA

Mohave County, AZ

LAKELAND-WINTER HAVEN, FL METROPOLITAN STATISTICAL AREA

Polk County, FL

LAMESA, TX MICROPOLITAN STATISTICAL AREA

Dawson County, TX

LANCASTER, PA METROPOLITAN STATISTICAL AREA

Lancaster County, PA

LARAMIE, WY MICROPOLITAN STATISTICAL AREA

Albany County, WY

LAREDO, TX METROPOLITAN STATISTICAL AREA

Webb County, TX

LAS CRUCES, NM METROPOLITAN STATISTICAL AREA

Dona Ana County, NM

LAS VEGAS, NM MICROPOLITAN STATISTICAL AREA

San Miguel County, NM

LAUREL, MS MICROPOLITAN STATISTICAL AREA

Jasper County, MS

Jones County, MS

LAWRENCE, KS METROPOLITAN STATISTICAL AREA

Douglas County, KS

LAWRENCEBURG, TN MICROPOLITAN STATISTICAL AREA

Lawrence County, TN

LAWTON, OK METROPOLITAN STATISTICAL AREA

Comanche County, OK

LEBANON, MO MICROPOLITAN STATISTICAL AREA

Laclede County, MO

LEBANON, NH-VT MICROPOLITAN STATISTICAL AREA

Grafton County, NH

Orange County, VT

Windsor County, VT

LEWISTON, ID-WA METROPOLITAN STATISTICAL AREA

Nez Perce County, ID

Asotin County, WA

LEWISTOWN, PA MICROPOLITAN STATISTICAL AREA

Mifflin County, PA

LEXINGTON, NE MICROPOLITAN STATISTICAL AREA

Dawson County, NE

Gosper County, NE

LIBERAL, KS MICROPOLITAN STATISTICAL AREA

Seward County, KS

LIMA, OH METROPOLITAN STATISTICAL AREA

Allen County, OH

LINCOLN, IL MICROPOLITAN STATISTICAL AREA

Logan County, IL

LINCOLN, NE METROPOLITAN STATISTICAL AREA

Lancaster County, NE

Seward County, NE

LOGAN, UT-ID METROPOLITAN STATISTICAL AREA

Franklin County, ID

Cache County, UT

LOGANSPORT, IN MICROPOLITAN STATISTICAL AREA

Cass County, IN

LONGVIEW-KELSO, WA METROPOLITAN STATISTICAL AREA

Cowlitz County, WA

LOS ALAMOS, NM MICROPOLITAN STATISTICAL AREA

Los Alamos County, NM

LUFKIN, TX MICROPOLITAN STATISTICAL AREA

Angelina County, TX

LYNCHBURG, VA METROPOLITAN STATISTICAL AREA

Amherst County, VA

Appomattox County, VA

Bedford County, VA

Campbell County, VA

Bedford (IC), VA

Lynchburg (IC), VA

MACOMB, IL MICROPOLITAN STATISTICAL AREA

McDonough County, IL

MADISON, IN MICROPOLITAN STATISTICAL AREA

Jefferson County, IN

MADISONVILLE, KY MICROPOLITAN STATISTICAL AREA

Hopkins County, KY

MAGNOLIA, AR MICROPOLITAN STATISTICAL AREA

Columbia County, AR

MALONE, NY MICROPOLITAN STATISTICAL AREA

Franklin County, NY

MANHATTAN, KS MICROPOLITAN STATISTICAL AREA

Geary County, KS

Pottawatomie County, KS

Riley County, KS

MANITOWOC, WI MICROPOLITAN STATISTICAL AREA

Manitowoc County, WI

MANKATO-NORTH MANKATO, MN MICROPOLITAN STATISTICAL AREA

Blue Earth County, MN

Nicollet County, MN

MARINETTE, WI-MI MICROPOLITAN STATISTICAL AREA

Menominee County, MI

Marinette County, WI

MARION, IN MICROPOLITAN STATISTICAL AREA

Grant County, IN

MARION-HERRIN, IL MICROPOLITAN STATISTICAL AREA

Williamson County, IL

MARQUETTE, MI MICROPOLITAN STATISTICAL AREA

Marquette County, MI

MARSHALL, MN MICROPOLITAN STATISTICAL AREA

Lyon County, MN

MARSHALL, MO MICROPOLITAN STATISTICAL AREA

Saline County, MO

MARSHALLTOWN, IA MICROPOLITAN STATISTICAL AREA

Marshall County, IA

MARTINSVILLE, VA MICROPOLITAN STATISTICAL AREA

Henry County, VA

Martinsville (IC), VA

MARYVILLE, MO MICROPOLITAN STATISTICAL AREA

Nodaway County, MO

MASON CITY, IA MICROPOLITAN STATISTICAL AREA

Cerro Gordo County, IA

Worth County, IA

MAYSVILLE, KY MICROPOLITAN STATISTICAL AREA

Lewis County, KY

Mason County, KY

MCALESTER, OK MICROPOLITAN STATISTICAL AREA

Pittsburg County, OK

MCALLEN-EDINBURG-PHARR, TX METROPOLITAN STATISTICAL AREA

Hidalgo County, TX

MCCOMB, MS MICROPOLITAN STATISTICAL AREA

Amite County, MS

Pike County, MS

MCMINNVILLE, TN MICROPOLITAN STATISTICAL AREA

Warren County, TN

MCPHERSON, KS MICROPOLITAN STATISTICAL AREA

McPherson County, KS

MEADVILLE, PA MICROPOLITAN STATISTICAL AREA

Crawford County, PA

MEDFORD, OR METROPOLITAN STATISTICAL AREA

Jackson County, OR

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

MERCED, CA METROPOLITAN STATISTICAL AREA

Merced County, CA

MERIDIAN, MS MICROPOLITAN STATISTICAL AREA

Clarke County, MS

Kemper County, MS

Lauderdale County, MS

MEXICO, MO MICROPOLITAN STATISTICAL AREA

Audrain County, MO

MIAMI, OK MICROPOLITAN STATISTICAL AREA

Ottawa County, OK

MIAMI-FORT LAUDERDALE-MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA

Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division

Broward County, FL

Miami-Miami Beach-Kendall, FL Metropolitan Division

Miami-Dade County, FL

West Palm Beach-Boca Raton-Boynton Beach, FL Metropolitan Division

Palm Beach County, FL

MIDDLESBOROUGH, KY MICROPOLITAN STATISTICAL AREA

Bell County, KY

MIDLAND, MI MICROPOLITAN STATISTICAL AREA

Midland County, MI

MIDLAND, TX METROPOLITAN STATISTICAL AREA

Midland County, TX

MILLEDGEVILLE, GA MICROPOLITAN STATISTICAL AREA

Baldwin County, GA

Hancock County, GA

MINOT, ND MICROPOLITAN STATISTICAL AREA

McHenry County, ND

Renville County, ND

Ward County, ND

MISSOULA, MT METROPOLITAN STATISTICAL AREA

Missoula County, MT

MITCHELL, SD MICROPOLITAN STATISTICAL AREA

Davison County, SD

Hanson County, SD

MOBERLY, MO MICROPOLITAN STATISTICAL AREA

Randolph County, MO

MODESTO, CA METROPOLITAN STATISTICAL AREA

Stanislaus County, CA

MONROE, WI MICROPOLITAN STATISTICAL AREA

Green County, WI

MONTGOMERY, AL METROPOLITAN STATISTICAL AREA

Autauga County, AL

Elmore County, AL

Lowndes County, AL

Montgomery County, AL

MONTROSE, CO MICROPOLITAN STATISTICAL AREA

Montrose County, CO

MOREHEAD CITY, NC MICROPOLITAN STATISTICAL AREA

Carteret County, NC

MORGAN CITY, LA MICROPOLITAN STATISTICAL AREA

St. Mary Parish, LA

MORGANTOWN, WV METROPOLITAN STATISTICAL AREA

Monongalia County, WV

Preston County, WV

MOSCOW, ID MICROPOLITAN STATISTICAL AREA

Latah County, ID

MOSES LAKE, WA MICROPOLITAN STATISTICAL AREA

Grant County, WA

MOULTRIE, GA MICROPOLITAN STATISTICAL AREA

Colquitt County, GA

MOUNTAIN HOME, AR MICROPOLITAN STATISTICAL AREA

Baxter County, AR

MOUNTAIN HOME, ID MICROPOLITAN STATISTICAL AREA

Elmore County, ID

MOUNT PLEASANT, MI MICROPOLITAN STATISTICAL AREA

Isabella County, MI

MOUNT PLEASANT, TX MICROPOLITAN STATISTICAL AREA

Titus County, TX

MOUNT VERNON, IL MICROPOLITAN STATISTICAL AREA

Hamilton County, IL

Jefferson County, IL

MOUNT VERNON-ANACORTES, WA METROPOLITAN STATISTICAL AREA

Skagit County, WA

MUNCIE, IN METROPOLITAN STATISTICAL AREA

Delaware County, IN

MURRAY, KY MICROPOLITAN STATISTICAL AREA

Calloway County, KY

MUSCATINE, IA MICROPOLITAN STATISTICAL AREA

Louisa County, IA

Muscatine County, IA

MUSKOGEE, OK MICROPOLITAN STATISTICAL AREA

Muskogee County, OK

NACOGDOCHES, TX MICROPOLITAN STATISTICAL AREA

Nacogdoches County, TX

NAPLES-MARCO ISLAND, FL METROPOLITAN STATISTICAL AREA

Collier County, FL

NATCHEZ, MS-LA MICROPOLITAN STATISTICAL AREA

Concordia Parish, LA

Adams County, MS

NATCHITOCHES, LA MICROPOLITAN STATISTICAL AREA

Natchitoches Parish, LA

NEW BERN, NC MICROPOLITAN STATISTICAL AREA

Craven County, NC

Jones County, NC

Pamlico County, NC

NEW PHILADELPHIA-DOVER, OH MICROPOLITAN STATISTICAL AREA

Tuscarawas County, OH

NEW ULM, MN MICROPOLITAN STATISTICAL AREA

Brown County, MN

NILES-BENTON HARBOR, MI METROPOLITAN STATISTICAL AREA

Berrien County, MI

NOGALES, AZ MICROPOLITAN STATISTICAL AREA

Santa Cruz County, AZ

NORFOLK, NE MICROPOLITAN STATISTICAL AREA

Madison County, NE

Pierce County, NE

Stanton County, NE

NORTH PLATTE, NE MICROPOLITAN STATISTICAL AREA

Lincoln County, NE

Logan County, NE

McPherson County, NE

NORTH WILKESBORO, NC MICROPOLITAN STATISTICAL AREA

Wilkes County, NC

NORWALK, OH MICROPOLITAN STATISTICAL AREA

Huron County, OH

NORWICH-NEW LONDON, CT METROPOLITAN STATISTICAL AREA

New London County, CT

OCALA, FL METROPOLITAN STATISTICAL AREA

Marion County, FL

OCEAN CITY, NJ METROPOLITAN STATISTICAL AREA

Cape May County, NJ

ODESSA, TX METROPOLITAN STATISTICAL AREA

Ector County, TX

OGDENSBURG-MASSENA, NY MICROPOLITAN STATISTICAL AREA

St. Lawrence County, NY

OIL CITY, PA MICROPOLITAN STATISTICAL AREA

Venango County, PA

OKEECHOBEE, FL MICROPOLITAN STATISTICAL AREA

Okeechobee County, FL

OLEAN, NY MICROPOLITAN STATISTICAL AREA

Cattaraugus County, NY

ONEONTA, NY MICROPOLITAN STATISTICAL AREA

Otsego County, NY

ONTARIO, OR-ID MICROPOLITAN STATISTICAL AREA

Payette County, ID

Malheur County, OR

ORANGEBURG, SC MICROPOLITAN STATISTICAL AREA

Orangeburg County, SC

OSKALOOSA, IA MICROPOLITAN STATISTICAL AREA

Mahaska County, IA

OTTAWA-STREATOR, IL MICROPOLITAN STATISTICAL AREA

Bureau County, IL

LaSalle County, IL

Putnam County, IL

OTTUMWA, IA MICROPOLITAN STATISTICAL AREA

Wapello County, IA

OWATONNA, MN MICROPOLITAN STATISTICAL AREA

Steele County, MN

OWENSBORO, KY METROPOLITAN STATISTICAL AREA

Daviess County, KY

Hancock County, KY

McLean County, KY

OXFORD, MS MICROPOLITAN STATISTICAL AREA

Lafayette County, MS

PALATKA, FL MICROPOLITAN STATISTICAL AREA

Putnam County, FL

PALESTINE, TX MICROPOLITAN STATISTICAL AREA

Anderson County, TX

PALM BAY-MELBOURNE-TITUSVILLE, FL METROPOLITAN STATISTICAL AREA

Brevard County, FL

PAMPA, TX MICROPOLITAN STATISTICAL AREA

Gray County, TX

Roberts County, TX

PANAMA CITY-LYNN HAVEN, FL METROPOLITAN STATISTICAL AREA

Bay County, FL

PARAGOULD, AR MICROPOLITAN STATISTICAL AREA

Greene County, AR

PARIS, TN MICROPOLITAN STATISTICAL AREA

Henry County, TN

PARIS, TX MICROPOLITAN STATISTICAL AREA

Lamar County, TX

PARKERSBURG-MARIETTA, WV-OH METROPOLITAN STATISTICAL AREA

Washington County, OH

Pleasants County, WV

Wirt County, WV

Wood County, WV

PARSONS, KS MICROPOLITAN STATISTICAL AREA

Labette County, KS

PAYSON, AZ MICROPOLITAN STATISTICAL AREA

Gila County, AZ

PECOS, TX MICROPOLITAN STATISTICAL AREA

Reeves County, TX

PENDLETON-HERMISTON, OR MICROPOLITAN STATISTICAL AREA

Morrow County, OR

Umatilla County, OR

PENSACOLA-FERRY PASS-BRENT, FL METROPOLITAN STATISTICAL AREA

Escambia County, FL

Santa Rosa County, FL

PHOENIX LAKE-CEDAR RIDGE, CA MICROPOLITAN STATISTICAL AREA

Tuolumne County, CA

PHOENIX-MESA-SCOTTSDALE, AZ METROPOLITAN STATISTICAL AREA

Maricopa County, AZ

Pinal County, AZ

PICAYUNE, MS MICROPOLITAN STATISTICAL AREA

Pearl River County, MS

PIERRE, SD MICROPOLITAN STATISTICAL AREA

Hughes County, SD

Stanley County, SD

PITTSBURG, KS MICROPOLITAN STATISTICAL AREA

Crawford County, KS

PITTSFIELD, MA METROPOLITAN STATISTICAL AREA

Berkshire County, MA

PLAINVIEW, TX MICROPOLITAN STATISTICAL AREA

Hale County, TX

PLATTEVILLE, WI MICROPOLITAN STATISTICAL AREA

Grant County, WI

PLATTSBURGH, NY MICROPOLITAN STATISTICAL AREA

Clinton County, NY

PLYMOUTH, IN MICROPOLITAN STATISTICAL AREA

Marshall County, IN

POCATELLO, ID METROPOLITAN STATISTICAL AREA

Bannock County, ID

Power County, ID

POINT PLEASANT, WV-OH MICROPOLITAN STATISTICAL AREA

Gallia County, OH

Mason County, WV

PONCA CITY, OK MICROPOLITAN STATISTICAL AREA

Kay County, OK

PONTIAC, IL MICROPOLITAN STATISTICAL AREA

Livingston County, IL

POPLAR BLUFF, MO MICROPOLITAN STATISTICAL AREA

Butler County, MO

PORT ANGELES, WA MICROPOLITAN STATISTICAL AREA

Clallam County, WA

PORTLAND-VANCOUVER-BEAVERTON, OR-WA METROPOLITAN STATISTICAL AREA

Clackamas County, OR

Columbia County, OR

Multnomah County, OR

Washington County, OR

Yamhill County, OR

Clark County, WA

Skamania County, WA

PORT ST. LUCIE-FORT PIERCE, FL METROPOLITAN STATISTICAL AREA

Martin County, FL

St. Lucie County, FL

PORTSMOUTH, OH MICROPOLITAN STATISTICAL AREA

Scioto County, OH

POTTSVILLE, PA MICROPOLITAN STATISTICAL AREA

Schuylkill County, PA

PRESCOTT, AZ METROPOLITAN STATISTICAL AREA

Yavapai County, AZ

2002 Economic Census

U.S. Census Bureau, 2002 Economic Census

PRICE, UT MICROPOLITAN STATISTICAL AREA

Carbon County, UT

PROVIDENCE-NEW BEDFORD-FALL RIVER, RI-MA METROPOLITAN STATISTICAL AREA

Bristol County, MA

Bristol County, RI

Kent County, RI

Newport County, RI

Providence County, RI

Washington County, RI

PROVO-OREM, UT METROPOLITAN STATISTICAL AREA

Juab County, UT

Utah County, UT

PUEBLO, CO METROPOLITAN STATISTICAL AREA

Pueblo County, CO

PULLMAN, WA MICROPOLITAN STATISTICAL AREA

Whitman County, WA

PUNTA GORDA, FL METROPOLITAN STATISTICAL AREA

Charlotte County, FL

QUINCY, IL-MO MICROPOLITAN STATISTICAL AREA

Adams County, IL

Lewis County, MO

RAPID CITY, SD METROPOLITAN STATISTICAL AREA

Meade County, SD

Pennington County, SD

READING, PA METROPOLITAN STATISTICAL AREA

Berks County, PA

RED BLUFF, CA MICROPOLITAN STATISTICAL AREA

Tehama County, CA

REDDING, CA METROPOLITAN STATISTICAL AREA

Shasta County, CA

RENO-SPARKS, NV METROPOLITAN STATISTICAL AREA

Storey County, NV

Washoe County, NV

REXBURG, ID MICROPOLITAN STATISTICAL AREA

Fremont County, ID

Madison County, ID

RICHMOND, IN MICROPOLITAN STATISTICAL AREA

Wayne County, IN

RICHMOND, VA METROPOLITAN STATISTICAL AREA

Amelia County, VA

Caroline County, VA

Charles City County, VA

Chesterfield County, VA

Cumberland County, VA

Dinwiddie County, VA

Goochland County, VA

Hanover County, VA

Henrico County, VA

King and Queen County, VA

King William County, VA

Louisa County, VA

New Kent County, VA

Powhatan County, VA

Prince George County, VA

Sussex County, VA

Colonial Heights (IC), VA

Hopewell (IC), VA

Petersburg (IC), VA

Richmond (IC), VA

RIO GRANDE CITY, TX MICROPOLITAN STATISTICAL AREA

Starr County, TX

RIVERTON, WY MICROPOLITAN STATISTICAL AREA

Fremont County, WY

ROANOKE, VA METROPOLITAN STATISTICAL AREA

Botetourt County, VA

Craig County, VA

Franklin County, VA

Roanoke County, VA

Roanoke (IC), VA

Salem (IC), VA

ROANOKE RAPIDS, NC MICROPOLITAN STATISTICAL AREA

Halifax County, NC

Northampton County, NC

ROCHESTER, MN METROPOLITAN STATISTICAL AREA

Dodge County, MN

Olmsted County, MN

Wabasha County, MN

ROCKINGHAM, NC MICROPOLITAN STATISTICAL AREA

Richmond County, NC

ROCKLAND, ME MICROPOLITAN STATISTICAL AREA

Knox County, ME

ROCK SPRINGS, WY MICROPOLITAN STATISTICAL AREA

Sweetwater County, WY

ROCKY MOUNT, NC METROPOLITAN STATISTICAL AREA

Edgecombe County, NC

Nash County, NC

ROLLA, MO MICROPOLITAN STATISTICAL AREA

Phelps County, MO

ROME, GA METROPOLITAN STATISTICAL AREA

Floyd County, GA

ROSEBURG, OR MICROPOLITAN STATISTICAL AREA

Douglas County, OR

ROSWELL, NM MICROPOLITAN STATISTICAL AREA

Chaves County, NM

RUSSELLVILLE, AR MICROPOLITAN STATISTICAL AREA

Pope County, AR

Yell County, AR

RUSTON, LA MICROPOLITAN STATISTICAL AREA

Jackson Parish, LA

Lincoln Parish, LA

RUTLAND, VT MICROPOLITAN STATISTICAL AREA

Rutland County, VT

SAFFORD, AZ MICROPOLITAN STATISTICAL AREA

Graham County, AZ

Greenlee County, AZ

ST. GEORGE, UT METROPOLITAN STATISTICAL AREA

Washington County, UT

ST. JOSEPH, MO-KS METROPOLITAN STATISTICAL AREA

Doniphan County, KS

Andrew County, MO

Buchanan County, MO

DeKalb County, MO

ST. MARYS, GA MICROPOLITAN STATISTICAL AREA

Camden County, GA

ST. MARYS, PA MICROPOLITAN STATISTICAL AREA

Elk County, PA

SALEM, OR METROPOLITAN STATISTICAL AREA

Marion County, OR

Polk County, OR

SALINA, KS MICROPOLITAN STATISTICAL AREA

Ottawa County, KS

Saline County, KS

SALINAS, CA METROPOLITAN STATISTICAL AREA

Monterey County, CA

SAN ANGELO, TX METROPOLITAN STATISTICAL AREA

Irion County, TX

Tom Green County, TX

SAN ANTONIO, TX METROPOLITAN STATISTICAL AREA

Atascosa County, TX

Bandera County, TX

Bexar County, TX

Comal County, TX

Guadalupe County, TX

Kendall County, TX

Medina County, TX

Wilson County, TX

SAN DIEGO-CARLSBAD-SAN MARCOS, CA METROPOLITAN STATISTICAL AREA

San Diego County, CA

SANDUSKY, OH METROPOLITAN STATISTICAL AREA

Erie County, OH

SANFORD, NC MICROPOLITAN STATISTICAL AREA

Lee County, NC

SAN LUIS OBISPO-PASO ROBLES, CA METROPOLITAN STATISTICAL AREA

San Luis Obispo County, CA

SANTA BARBARA-SANTA MARIA-GOLETA, CA METROPOLITAN STATISTICAL AREA

Santa Barbara County, CA

SARASOTA-BRADENTON-VENICE, FL METROPOLITAN STATISTICAL AREA

Manatee County, FL

Sarasota County, FL

SAULT STE. MARIE, MI MICROPOLITAN STATISTICAL AREA

Chippewa County, MI

SAYRE, PA MICROPOLITAN STATISTICAL AREA

Bradford County, PA

SCOTTSBLUFF, NE MICROPOLITAN STATISTICAL AREA

Banner County, NE

Scotts Bluff County, NE

SCOTTSBORO, AL MICROPOLITAN STATISTICAL AREA

Jackson County, AL

SCRANTON--WILKES-BARRE, PA METROPOLITAN STATISTICAL AREA

Lackawanna County, PA

Luzerne County, PA

Wyoming County, PA

SEAFORD, DE MICROPOLITAN STATISTICAL AREA

Sussex County, DE

SEBRING, FL MICROPOLITAN STATISTICAL AREA

Highlands County, FL

SEDALIA, MO MICROPOLITAN STATISTICAL AREA

Pettis County, MO

SELMA, AL MICROPOLITAN STATISTICAL AREA

Dallas County, AL

SEYMOUR, IN MICROPOLITAN STATISTICAL AREA

Jackson County, IN

SHEBOYGAN, WI METROPOLITAN STATISTICAL AREA

Sheboygan County, WI

SHELBYVILLE, TN MICROPOLITAN STATISTICAL AREA

Bedford County, TN

SHERIDAN, WY MICROPOLITAN STATISTICAL AREA

Sheridan County, WY

SHERMAN-DENISON, TX METROPOLITAN STATISTICAL AREA

Grayson County, TX

SIDNEY, OH MICROPOLITAN STATISTICAL AREA

Shelby County, OH

SIERRA VISTA-DOUGLAS, AZ MICROPOLITAN STATISTICAL AREA

Cochise County, AZ

SILVER CITY, NM MICROPOLITAN STATISTICAL AREA

Grant County, NM

SILVERTHORNE, CO MICROPOLITAN STATISTICAL AREA

Summit County, CO

SIOUX FALLS, SD METROPOLITAN STATISTICAL AREA

Lincoln County, SD

McCook County, SD

Minnehaha County, SD

Turner County, SD

SNYDER, TX MICROPOLITAN STATISTICAL AREA

Scurry County, TX

SOMERSET, KY MICROPOLITAN STATISTICAL AREA

Pulaski County, KY

SOMERSET, PA MICROPOLITAN STATISTICAL AREA

Somerset County, PA

SOUTH BEND-MISHAWAKA, IN-MI METROPOLITAN STATISTICAL AREA

St. Joseph County, IN

Cass County, MI

SOUTHERN PINES, NC MICROPOLITAN STATISTICAL AREA

Moore County, NC

SPEARFISH, SD MICROPOLITAN STATISTICAL AREA

Lawrence County, SD

SPENCER, IA MICROPOLITAN STATISTICAL AREA

Clay County, IA

SPIRIT LAKE, IA MICROPOLITAN STATISTICAL AREA

Dickinson County, IA

SPOKANE, WA METROPOLITAN STATISTICAL AREA

Spokane County, WA

SPRINGFIELD, IL METROPOLITAN STATISTICAL AREA

Menard County, IL

Sangamon County, IL

SPRINGFIELD, MA METROPOLITAN STATISTICAL AREA

Franklin County, MA

Hampden County, MA

Hampshire County, MA

SPRINGFIELD, MO METROPOLITAN STATISTICAL AREA

Christian County, MO

Dallas County, MO

Greene County, MO

Polk County, MO

Webster County, MO

STARKVILLE, MS MICROPOLITAN STATISTICAL AREA

Oktoberfest County, MS

STATE COLLEGE, PA METROPOLITAN STATISTICAL AREA

Centre County, PA

STATESBORO, GA MICROPOLITAN STATISTICAL AREA

Bulloch County, GA

STAUNTON-WAYNESBORO, VA MICROPOLITAN STATISTICAL AREA

Augusta County, VA

Staunton (IC), VA

Waynesboro (IC), VA

STEPHENVILLE, TX MICROPOLITAN STATISTICAL AREA

Erath County, TX

STERLING, CO MICROPOLITAN STATISTICAL AREA

Logan County, CO

STERLING, IL MICROPOLITAN STATISTICAL AREA

Whiteside County, IL

STEVENS POINT, WI MICROPOLITAN STATISTICAL AREA

Portage County, WI

STILLWATER, OK MICROPOLITAN STATISTICAL AREA

Payne County, OK

STOCKTON, CA METROPOLITAN STATISTICAL AREA

San Joaquin County, CA

STORM LAKE, IA MICROPOLITAN STATISTICAL AREA

Buena Vista County, IA

STURGIS, MI MICROPOLITAN STATISTICAL AREA

St. Joseph County, MI

SULPHUR SPRINGS, TX MICROPOLITAN STATISTICAL AREA

Hopkins County, TX

SUMMERVILLE, GA MICROPOLITAN STATISTICAL AREA

Chattooga County, GA

SUMTER, SC METROPOLITAN STATISTICAL AREA

Sumter County, SC

SWEETWATER, TX MICROPOLITAN STATISTICAL AREA

Nolan County, TX

TAHLEQUAH, OK MICROPOLITAN STATISTICAL AREA

Cherokee County, OK

TALLADEGA-SYLACAUGA, AL MICROPOLITAN STATISTICAL AREA

Talladega County, AL

TALLAHASSEE, FL METROPOLITAN STATISTICAL AREA

Gadsden County, FL

Jefferson County, FL

Leon County, FL

Wakulla County, FL

TALLULAH, LA MICROPOLITAN STATISTICAL AREA

Madison Parish, LA

TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA

Hernando County, FL

Hillsborough County, FL

Pasco County, FL

Pinellas County, FL

TAOS, NM MICROPOLITAN STATISTICAL AREA

Taos County, NM

TAYLORVILLE, IL MICROPOLITAN STATISTICAL AREA

Christian County, IL

TERRE HAUTE, IN METROPOLITAN STATISTICAL AREA

Clay County, IN

Sullivan County, IN

Vermillion County, IN

Vigo County, IN

TEXARKANA, TX-TEXARKANA, AR METROPOLITAN STATISTICAL AREA

Miller County, AR

Bowie County, TX

THOMASVILLE, GA MICROPOLITAN STATISTICAL AREA

Thomas County, GA

TIFTON, GA MICROPOLITAN STATISTICAL AREA

Tift County, GA

TOCCOA, GA MICROPOLITAN STATISTICAL AREA

Stephens County, GA

TOPEKA, KS METROPOLITAN STATISTICAL AREA

Jackson County, KS

Jefferson County, KS

Osage County, KS

Shawnee County, KS

Wabaunsee County, KS

TRAVERSE CITY, MI MICROPOLITAN STATISTICAL AREA

Benzie County, MI

Grand Traverse County, MI

Kalkaska County, MI

Leelanau County, MI

TROY, AL MICROPOLITAN STATISTICAL AREA

Pike County, AL

TUCSON, AZ METROPOLITAN STATISTICAL AREA

Pima County, AZ

TULLAHOMA, TN MICROPOLITAN STATISTICAL AREA

Coffee County, TN

Franklin County, TN

Moore County, TN

TUPELO, MS MICROPOLITAN STATISTICAL AREA

Itawamba County, MS

Lee County, MS

Pontotoc County, MS

TUSCALOOSA, AL METROPOLITAN STATISTICAL AREA

Greene County, AL

Hale County, AL

Tuscaloosa County, AL

TWIN FALLS, ID MICROPOLITAN STATISTICAL AREA

Jerome County, ID

Twin Falls County, ID

UKIAH, CA MICROPOLITAN STATISTICAL AREA

Mendocino County, CA

UNION CITY, TN-KY MICROPOLITAN STATISTICAL AREA

Fulton County, KY

Obion County, TN

UTICA-ROME, NY METROPOLITAN STATISTICAL AREA

Herkimer County, NY

Oneida County, NY

UVALDE, TX MICROPOLITAN STATISTICAL AREA

Uvalde County, TX

VALDOSTA, GA METROPOLITAN STATISTICAL AREA

Brooks County, GA

Echols County, GA

Lanier County, GA

Lowndes County, GA

VAN WERT, OH MICROPOLITAN STATISTICAL AREA

Van Wert County, OH

VERNAL, UT MICROPOLITAN STATISTICAL AREA

Uintah County, UT

VERNON, TX MICROPOLITAN STATISTICAL AREA

Wilbarger County, TX

VERO BEACH, FL METROPOLITAN STATISTICAL AREA

Indian River County, FL

VICKSBURG, MS MICROPOLITAN STATISTICAL AREA

Warren County, MS

VICTORIA, TX METROPOLITAN STATISTICAL AREA

Calhoun County, TX

Goliad County, TX

Victoria County, TX

VINCENNES, IN MICROPOLITAN STATISTICAL AREA

Knox County, IN

VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA

Currituck County, NC

Gloucester County, VA

Isle of Wight County, VA

James City County, VA

Mathews County, VA

Surry County, VA

York County, VA

Chesapeake (IC), VA

Hampton (IC), VA

Newport News (IC), VA

Norfolk (IC), VA

Poquoson (IC), VA

Portsmouth (IC), VA

Suffolk (IC), VA

Virginia Beach (IC), VA

Williamsburg (IC), VA

VISALIA-PORTERVILLE, CA METROPOLITAN STATISTICAL AREA

Tulare County, CA

WABASH, IN MICROPOLITAN STATISTICAL AREA

Wabash County, IN

WACO, TX METROPOLITAN STATISTICAL AREA

McLennan County, TX

WALLA WALLA, WA MICROPOLITAN STATISTICAL AREA

Walla Walla County, WA

WALTERBORO, SC MICROPOLITAN STATISTICAL AREA

Colleton County, SC

WAPAKONETA, OH MICROPOLITAN STATISTICAL AREA

Auglaize County, OH

WARREN, PA MICROPOLITAN STATISTICAL AREA

Warren County, PA

WARSAW, IN MICROPOLITAN STATISTICAL AREA

Kosciusko County, IN

WASHINGTON, IN MICROPOLITAN STATISTICAL AREA

Daviess County, IN

WASHINGTON, NC MICROPOLITAN STATISTICAL AREA

Beaufort County, NC

WATERLOO-CEDAR FALLS, IA METROPOLITAN STATISTICAL AREA

Black Hawk County, IA

Bremer County, IA

Grundy County, IA

WATERTOWN, SD MICROPOLITAN STATISTICAL AREA

Codington County, SD

Hamlin County, SD

WATERTOWN-FORT ATKINSON, WI MICROPOLITAN STATISTICAL AREA

Jefferson County, WI

WATERTOWN-FORT DRUM, NY MICROPOLITAN STATISTICAL AREA

Jefferson County, NY

WAUCHULA, FL MICROPOLITAN STATISTICAL AREA

Hardee County, FL

WAYCROSS, GA MICROPOLITAN STATISTICAL AREA

Pierce County, GA

Ware County, GA

WEIRTON-STEUBENVILLE, WV-OH METROPOLITAN STATISTICAL AREA

Jefferson County, OH

Brooke County, WV

Hancock County, WV

WENATCHEE, WA METROPOLITAN STATISTICAL AREA

Chelan County, WA

Douglas County, WA

WEST HELENA, AR MICROPOLITAN STATISTICAL AREA

Phillips County, AR

WEST PLAINS, MO MICROPOLITAN STATISTICAL AREA

Howell County, MO

WHEELING, WV-OH METROPOLITAN STATISTICAL AREA

Belmont County, OH

Marshall County, WV

Ohio County, WV

WHITEWATER, WI MICROPOLITAN STATISTICAL AREA

Walworth County, WI

WICHITA FALLS, TX METROPOLITAN STATISTICAL AREA

Archer County, TX

Clay County, TX

Wichita County, TX

WILLISTON, ND MICROPOLITAN STATISTICAL AREA

Williams County, ND

WILLMAR, MN MICROPOLITAN STATISTICAL AREA

Kandiyohi County, MN

WILMINGTON, NC METROPOLITAN STATISTICAL AREA

Brunswick County, NC

New Hanover County, NC

Pender County, NC

WILSON, NC MICROPOLITAN STATISTICAL AREA

Wilson County, NC

WINONA, MN MICROPOLITAN STATISTICAL AREA

Winona County, MN

WISCONSIN RAPIDS-MARSHFIELD, WI MICROPOLITAN STATISTICAL AREA

Wood County, WI

WOODWARD, OK MICROPOLITAN STATISTICAL AREA

Woodward County, OK

WOOSTER, OH MICROPOLITAN STATISTICAL AREA

Wayne County, OH

WORTHINGTON, MN MICROPOLITAN STATISTICAL AREA

Nobles County, MN

YAKIMA, WA METROPOLITAN STATISTICAL AREA

Yakima County, WA

YANKTON, SD MICROPOLITAN STATISTICAL AREA

Yankton County, SD

YUBA CITY-MARYSVILLE, CA METROPOLITAN STATISTICAL AREA

Sutter County, CA

Yuba County, CA

YUMA, AZ METROPOLITAN STATISTICAL AREA

Yuma County, AZ

ZANESVILLE, OH MICROPOLITAN STATISTICAL AREA

Muskingum County, OH

