

Missouri: 2002

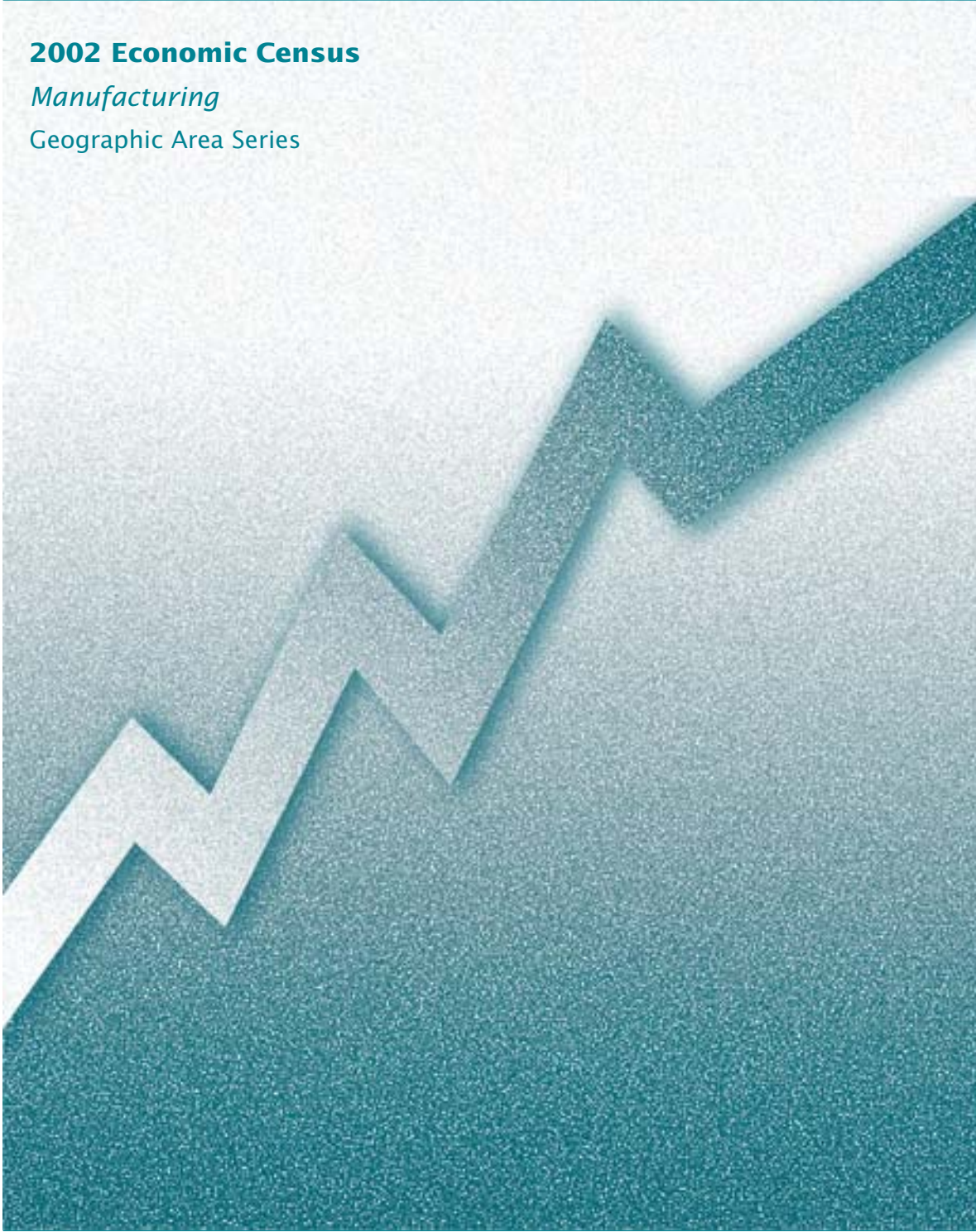
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2002 Economic Census

Manufacturing

Geographic Area Series



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Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

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

INDUSTRY CLASSIFICATIONS

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

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

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

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

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

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

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

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

BASIS OF REPORTING

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

GEOGRAPHIC AREA CODING

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

AVAILABILITY OF ADDITIONAL DATA

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

HISTORICAL INFORMATION

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

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

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

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

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

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

SOURCES FOR MORE INFORMATION

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

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Manufacturing

SCOPE

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

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

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

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

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

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

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

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

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

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

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

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

REPORTS

The following reports provide statistics on this sector:

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

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

Subject Series:

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

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

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

GEOGRAPHIC AREAS COVERED

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

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

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

DOLLAR VALUES

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

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

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

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

RELIABILITY OF DATA

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

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

DISCLOSURE

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

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

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

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

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

CONTACTS FOR DATA USERS

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

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

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

Table 1. Industry Statistics for the State: 2002

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

NAICS code	Geographic area and industry	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)				
MISSOURI													
31-33	Manufacturing	-	'7 210	'2 193	'319 974	'12 463 436	'239 444	'460 970	'8 095 023	'41 528 244	'51 691 047	'92 909 173	'2 280 359
311	Food manufacturing	1	556	199	37 229	1 112 261	29 850	59 675	800 166	5 322 301	7 026 909	12 332 696	292 009
3111	Animal food manufacturing	-	69	31	2 137	80 030	1 567	3 357	50 455	389 479	646 583	1 035 845	25 291
31111	Animal food manufacturing	-	69	31	2 137	80 030	1 567	3 357	50 455	389 479	646 583	1 035 845	25 291
311111	Dog and cat food manufacturing	1	14	11	1 222	50 929	915	2 053	32 418	256 938	392 762	651 074	11 542
311119	Other animal food manufacturing	-	55	20	915	29 101	652	1 304	18 037	132 541	253 821	384 771	13 749
3112	Grain and oilseed milling	-	24	17	1 997	73 055	1 663	3 782	53 191	582 258	1 272 105	1 854 624	27 276
31121	Flour milling and malt manufacturing	-	10	6	e	D	D	D	D	D	D	D	D
311211	Flour milling	-	8	6	452	19 791	357	849	14 617	165 649	276 306	441 445	D
31122	Starch and vegetable fats and oils manufacturing	-	12	9	f	D	D	D	D	D	D	D	20 262
311221	Wet corn milling	-	1	1	c	D	D	D	D	D	D	D	D
311222	Soybean processing	-	5	4	305	12 839	232	499	8 686	217 075	426 604	643 363	15 145
311225	Fats and oils refining and blending	-	6	4	391	15 948	281	573	9 011	71 155	432 010	500 963	D
31123	Breakfast cereal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	32	9	1 070	33 531	830	1 529	23 483	99 888	75 359	176 266	6 935
31132	Chocolate and confectionery manufacturing from cacao beans	-	1	1	c	D	D	D	D	D	D	D	D
311320	Chocolate and confectionery manufacturing from cacao beans	-	1	1	c	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate ...	4	22	2	c	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ...	4	22	2	c	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	-	9	6	774	24 306	640	1 207	17 815	60 319	43 885	105 460	5 357
311340	Nonchocolate confectionery manufacturing	-	9	6	774	24 306	640	1 207	17 815	60 319	43 885	105 460	5 357
3114	Fruit and vegetable preserving and specialty food manufacturing	1	34	16	2 369	66 473	2 105	3 734	53 688	367 325	347 207	714 316	48 843
31141	Frozen food manufacturing	-	16	9	1 318	32 867	1 178	1 823	26 691	151 158	141 906	293 229	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	1	1	c	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	15	8	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	1	18	7	1 051	33 606	927	1 911	26 997	216 167	205 301	421 087	D
311421	Fruit and vegetable canning ...	3	16	6	e	D	D	D	D	D	D	D	D
311422	Specialty canning	-	2	1	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	1	35	22	5 390	197 188	4 411	8 802	153 277	821 519	1 911 466	2 746 490	62 919
31151	Dairy product (except frozen) manufacturing	1	27	19	4 537	169 435	3 674	7 778	129 733	656 030	1 824 891	2 494 647	52 283
311511	Fluid milk manufacturing	-	10	7	g	D	D	D	D	D	D	D	5 119
311513	Cheese manufacturing	-	10	8	2 972	112 872	2 656	5 466	94 959	463 211	1 285 914	1 762 757	D
311514	Dry, condensed, and evaporated dairy product manufacturing	8	7	4	e	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	8	3	853	27 753	737	1 024	23 544	165 489	86 575	251 843	10 636
311520	Ice cream and frozen dessert manufacturing	-	8	3	853	27 753	737	1 024	23 544	165 489	86 575	251 843	10 636
3116	Animal slaughtering and processing	-	134	34	13 665	322 824	12 319	24 639	268 174	1 124 072	1 355 997	2 457 113	64 479
31161	Animal slaughtering and processing	-	134	34	13 665	322 824	12 319	24 639	268 174	1 124 072	1 355 997	2 457 113	64 479
311611	Animal (except poultry) slaughtering	2	84	5	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	2	26	10	1 599	47 263	1 333	2 626	34 151	193 673	212 214	404 875	24 101
311613	Rendering and meat byproduct processing	-	2	1	c	D	D	D	D	D	D	D	D
311615	Poultry processing	-	22	18	10 569	234 282	9 695	19 208	201 879	833 695	837 481	1 650 424	33 549
3118	Bakeries and tortilla manufacturing	-	148	35	6 494	202 862	3 842	7 685	110 751	715 953	584 201	1 297 423	25 255
31181	Bread and bakery product manufacturing	-	134	25	4 623	136 274	2 250	4 275	62 366	385 860	164 198	547 411	8 773
311811	Retail bakeries	5	92	8	735	11 549	378	536	6 186	27 271	10 769	34 995	D
311812	Commercial bakeries	-	38	14	3 455	112 713	1 512	3 041	47 167	314 613	119 612	434 054	6 489
311813	Frozen cakes, pies, and other pastries manufacturing	1	4	3	433	12 012	360	698	9 013	43 976	33 817	78 362	D

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
MISSOURI—Con.													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing—Con.												
31182	Cookie, cracker, and pasta manufacturing	—	14	10	1 871	66 588	1 592	3 410	48 385	330 093	420 003	750 012	16 482
311821	Cookie and cracker manufacturing	—	6	4	323	10 435	225	425	5 288	19 961	29 771	50 416	D
311822	Flour mixes and dough manufacturing from purchased flour	1	3	3	875	25 178	837	1 806	22 627	182 912	219 383	405 553	D
311823	Dry pasta manufacturing	—	5	3	673	30 975	530	1 179	20 470	127 220	170 849	294 043	4 691
3119	Other food manufacturing	4	80	35	4 107	136 298	3 113	6 147	87 147	1 221 807	833 991	2 050 619	31 011
31191	Snack food manufacturing	6	6	4	666	21 214	502	1 024	13 454	66 137	46 704	112 700	2 930
311911	Roasted nuts and peanut butter manufacturing	9	1	1	c	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .	1	6	4	396	15 198	229	461	10 758	162 554	279 671	440 768	2 515
311920	Coffee and tea manufacturing	1	6	4	396	15 198	229	461	10 758	162 554	279 671	440 768	2 515
31193	Flavoring syrup and concentrate manufacturing ...	1	5	2	139	7 255	81	161	2 934	68 694	11 942	77 495	2 603
311930	Flavoring syrup and concentrate manufacturing .	1	5	2	139	7 255	81	161	2 934	68 694	11 942	77 495	2 603
31194	Seasoning and dressing manufacturing	4	18	10	886	33 273	686	1 506	20 305	319 416	222 177	540 737	10 430
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	2	9	5	604	22 510	473	1 020	14 538	172 251	159 834	331 963	6 345
311942	Spice and extract manufacturing	7	9	5	282	10 763	213	486	5 767	147 165	62 343	208 774	4 085
31199	All other food manufacturing ...	6	45	15	2 020	59 358	1 615	2 995	39 696	605 006	273 497	878 919	12 533
311991	Perishable prepared food manufacturing	—	8	4	344	8 736	283	526	6 251	18 755	31 172	49 766	642
311999	All other miscellaneous food manufacturing	6	37	11	1 676	50 622	1 332	2 469	33 445	586 251	242 325	829 153	11 891
312	Beverage and tobacco product manufacturing	—	53	21	3 739	154 490	2 541	4 657	94 382	1 117 744	946 588	2 060 432	99 580
3121	Beverage manufacturing	—	52	21	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	24	14	1 645	44 169	1 049	1 903	22 445	317 256	409 044	723 528	20 755
312111	Soft drink manufacturing	—	11	8	1 114	32 547	748	1 580	17 956	278 924	379 642	655 920	18 333
312112	Bottled water manufacturing .	8	2	2	e	D	D	D	D	D	D	D	D
312113	Ice manufacturing	5	11	4	c	D	D	D	D	D	D	D	D
31212	Breweries	—	6	2	g	D	D	D	D	D	D	D	D
312120	Breweries	—	6	2	g	D	D	D	D	D	D	D	D
31213	Wineries	3	20	3	c	D	D	D	D	D	D	D	D
312130	Wineries	3	20	3	c	D	D	D	D	D	D	D	D
31214	Distilleries	—	2	2	c	D	D	D	D	D	D	D	D
312140	Distilleries	—	2	2	c	D	D	D	D	D	D	D	D
313	Textile mills	5	26	7	381	13 119	292	546	7 821	31 857	39 244	72 775	1 152
3132	Fabric mills	4	8	5	c	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	3	3	2	127	5 288	106	197	3 712	14 500	21 099	36 174	D
313230	Nonwoven fabric mills	3	3	2	127	5 288	106	197	3 712	14 500	21 099	36 174	D
3133	Textile and fabric finishing and fabric coating mills	6	17	2	140	5 067	85	153	2 048	12 077	12 943	26 118	260
314	Textile product mills	1	140	26	2 022	47 761	1 664	3 222	32 364	154 760	151 898	304 643	2 346
3141	Textile furnishings mills	1	49	6	664	14 257	577	1 168	11 033	40 041	50 548	87 934	836
31412	Curtain and linen mills	1	47	6	f	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	2	35	3	e	D	D	D	D	D	D	D	D
314129	Other household textile product mills	1	12	3	351	7 868	330	714	6 775	23 651	26 215	49 300	623
3149	Other textile product mills	2	91	20	1 358	33 504	1 087	2 054	21 331	114 719	101 350	216 709	1 510
31491	Textile bag and canvas mills ...	—	39	9	746	18 694	596	1 127	11 862	69 577	45 564	118 546	556
314911	Textile bag mills	—	9	5	e	D	D	D	D	D	D	D	302
314912	Canvas and related product mills	2	30	4	e	D	D	D	D	D	D	D	254
31499	All other textile product mills ...	3	52	11	612	14 810	491	927	9 469	45 142	55 786	98 163	954
314999	All other miscellaneous textile product mills	3	52	11	612	14 810	491	927	9 469	45 142	55 786	98 163	954
315	Apparel manufacturing	2	139	48	5 738	107 506	4 796	9 052	76 161	266 767	172 801	439 159	D
3152	Cut and sew apparel manufacturing	3	99	33	4 156	74 268	3 535	6 686	56 126	189 930	108 916	298 183	D
31521	Cut and sew apparel contractors	7	63	10	1 584	24 454	1 424	2 466	19 248	41 641	6 853	48 360	672
315211	Men's and boys' cut and sew apparel contractors	3	20	4	242	3 672	217	338	3 012	5 507	615	6 134	43
315212	Women's, girls', and infants' cut and sew apparel contractors	7	43	6	1 342	20 782	1 207	2 128	16 236	36 134	6 238	42 226	629

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
315	Apparel manufacturing—Con.												
3152	Cut and sew apparel manufacturing—Con.												
31522	Men's and boys' cut and sew apparel manufacturing	5	16	10	994	20 029	839	1 710	14 854	58 810	25 406	83 066	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	7	3	2	e	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	1	6	4	301	6 391	252	549	4 284	11 317	7 136	17 599	426
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	7	2	2	c	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	2	14	8	1 100	21 210	905	1 870	17 265	69 015	64 953	134 538	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	9	3	2	c	D	D	D	D	D	D	D	D
315233	Women's and girls' cut and sew dress manufacturing	9	5	2	165	2 925	26	46	607	6 363	9 636	16 006	D
315239	Women's and girls' cut and sew other outerwear manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	6	5	478	8 575	367	640	4 759	20 464	11 704	32 219	331
315299	All other cut and sew apparel manufacturing	—	6	5	478	8 575	367	640	4 759	20 464	11 704	32 219	331
3159	Apparel accessories and other apparel manufacturing	1	38	15	g	D	D	D	D	D	D	D	1 461
31599	Apparel accessories and other apparel manufacturing	1	38	15	g	D	D	D	D	D	D	D	1 461
315991	Hat, cap, and millinery manufacturing	1	16	8	992	19 123	811	1 541	12 484	40 727	30 581	71 218	D
315992	Glove and mitten manufacturing	5	7	3	c	D	D	D	D	D	D	D	D
315993	Men's and boys' neckwear manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	1	13	3	256	6 146	209	432	3 848	11 313	10 180	21 472	D
316	Leather and allied product manufacturing	1	48	18	1 834	40 465	1 569	3 065	29 636	99 440	244 975	343 555	D
3161	Leather and hide tanning and finishing	—	6	3	328	10 676	259	531	7 629	47 315	162 971	211 559	D
31611	Leather and hide tanning and finishing	—	6	3	328	10 676	259	531	7 629	47 315	162 971	211 559	D
316110	Leather and hide tanning and finishing	—	6	3	328	10 676	259	531	7 629	47 315	162 971	211 559	D
3162	Footwear manufacturing	4	15	8	978	19 025	895	1 703	15 776	33 894	70 474	102 382	823
31621	Footwear manufacturing	4	15	8	978	19 025	895	1 703	15 776	33 894	70 474	102 382	823
316213	Men's footwear (except athletic) manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
316214	Women's footwear (except athletic) manufacturing	1	4	4	182	3 472	152	288	2 466	6 671	7 878	14 036	45
3169	Other leather and allied product manufacturing	2	27	7	528	10 764	415	831	6 231	18 231	11 530	29 614	D
31699	Other leather and allied product manufacturing	2	27	7	528	10 764	415	831	6 231	18 231	11 530	29 614	D
316991	Luggage manufacturing	—	6	3	296	5 416	236	543	3 691	8 609	4 093	12 657	D
316993	Personal leather goods (except women's handbag and purse) manufacturing	1	7	2	131	3 084	99	164	1 353	5 299	5 287	10 675	D
321	Wood product manufacturing	2	551	124	8 776	222 278	7 374	13 851	163 302	505 765	673 334	1 168 747	31 383
3211	Sawmills and wood preservation	3	232	23	1 745	47 256	1 501	2 826	36 531	120 188	234 490	352 367	9 503
32111	Sawmills and wood preservation	3	232	23	1 745	47 256	1 501	2 826	36 531	120 188	234 490	352 367	9 503
321113	Sawmills	4	212	18	1 401	38 340	1 213	2 248	29 814	95 315	160 472	254 032	7 530
321114	Wood preservation	—	20	5	344	8 916	288	578	6 717	24 873	74 018	98 335	1 973
3212	Veneer, plywood, and engineered wood product manufacturing	2	37	16	912	26 075	676	1 336	15 246	51 629	51 003	102 722	3 064
32121	Veneer, plywood, and engineered wood product manufacturing	2	37	16	912	26 075	676	1 336	15 246	51 629	51 003	102 722	3 064
321214	Truss manufacturing	1	31	14	767	21 881	566	1 117	12 740	41 545	38 772	80 048	D
3219	Other wood product manufacturing	2	282	85	6 119	148 947	5 197	9 689	111 525	333 948	387 841	713 658	18 816
32191	Millwork	2	110	30	2 367	63 226	1 961	3 894	46 767	134 919	169 769	304 453	10 869
321911	Wood window and door manufacturing	3	16	6	455	13 032	339	698	7 912	24 407	33 420	57 935	2 683
321912	Cut stock, resawing lumber, and planing	3	47	11	591	12 775	496	975	9 869	34 123	39 712	74 550	1 769
321918	Other millwork (including flooring)	1	47	13	1 321	37 419	1 126	2 221	28 986	76 389	96 637	171 968	6 417

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
321	Wood product manufacturing—Con.												
3219	Other wood product manufacturing—Con.												
32192	Wood container and pallet manufacturing	1	107	33	2 394	50 590	2 133	3 752	39 917	126 488	142 851	266 638	5 142
321920	Wood container and pallet manufacturing	1	107	33	2 394	50 590	2 133	3 752	39 917	126 488	142 851	266 638	5 142
32199	All other wood product manufacturing	3	65	22	1 358	35 131	1 103	2 043	24 841	72 541	75 221	142 567	2 805
321991	Manufactured home (mobile home) manufacturing	6	5	3	314	8 630	250	475	5 735	17 392	21 990	39 097	603
321992	Prefabricated wood building manufacturing	4	9	4	151	4 603	100	171	2 286	7 987	12 655	20 536	219
321999	All other miscellaneous wood product manufacturing	2	51	15	893	21 898	753	1 397	16 820	47 162	40 576	82 934	1 983
322	Paper manufacturing	—	131	84	11 011	402 466	8 963	18 700	285 972	1 977 348	1 747 627	3 743 055	179 190
3221	Pulp, paper, and paperboard mills	—	3	3	g	D	D	D	D	D	D	D	D
32212	Paper mills	—	2	2	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	2	2	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	128	81	i	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	68	49	5 044	188 911	3 905	8 218	125 372	434 614	773 487	1 206 818	28 940
322211	Corrugated and solid fiber box manufacturing	1	47	33	3 086	118 156	2 276	4 910	71 775	278 051	539 659	817 102	20 088
322212	Folding paperboard box manufacturing	—	13	9	1 470	58 403	1 224	2 517	45 527	131 971	173 372	301 834	8 325
322213	Setup paperboard box manufacturing	2	3	3	114	4 073	94	178	2 706	5 582	10 289	16 636	D
322215	Nonfolding sanitary food container manufacturing ...	—	2	2	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	25	13	1 643	57 905	1 363	2 921	40 921	148 048	246 530	396 438	D
322222	Coated and laminated paper manufacturing	—	13	5	521	21 780	420	952	16 372	67 322	121 817	190 030	D
322223	Plastics, foil, and coated paper bag manufacturing...	—	2	1	c	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	—	5	4	618	19 780	514	1 028	13 904	46 806	69 395	116 611	D
322226	Surface-coated paperboard manufacturing	—	3	2	e	D	D	D	D	D	D	D	385
32223	Stationery product manufacturing	—	24	14	2 183	74 332	1 833	3 476	55 725	373 179	234 778	628 301	D
322231	Die-cut paper and paperboard office supplies manufacturing	—	10	5	522	18 722	436	905	14 554	222 065	87 203	315 005	D
322232	Envelope manufacturing	—	7	7	957	34 633	784	1 573	25 530	66 095	78 991	144 866	2 496
322233	Stationery, tablet, and related product manufacturing	—	7	2	704	20 977	613	998	15 641	85 019	68 584	168 430	D
32229	Other converted paper product manufacturing	6	11	5	f	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	6	11	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	884	'180	'17 951	'654 849	'12 899	'24 877	'400 384	'1 639 686	'974 051	'2 596 209	'97 096
3231	Printing and related support activities	1	884	'180	'17 951	'654 849	'12 899	'24 877	'400 384	'1 639 686	'974 051	'2 596 209	'97 096
32311	Printing	1	796	'157	'16 279	'593 417	'11 694	'22 574	'362 328	'1 504 437	'947 172	'2 434 131	'91 788
323110	Commercial lithographic printing	2	'375	84	'7 722	'313 151	'5 335	'10 346	'184 515	'659 693	'405 043	'1 065 187	'41 538
323112	Commercial flexographic printing	1	33	12	898	34 573	630	1 315	20 015	82 100	69 044	150 987	9 927
323113	Commercial screen printing ..	1	101	16	1 241	30 699	1 007	1 862	20 664	97 043	98 716	188 816	D
323114	Quick printing	1	142	7	1 408	43 931	951	1 833	25 690	104 955	24 827	130 025	8 603
323115	Digital printing	2	'27	'8	'491	'22 042	'313	'610	'13 353	'46 692	'12 439	'59 161	'1 712
323116	Manifold business forms printing	—	19	9	1 105	38 674	710	1 484	18 458	207 859	112 820	322 246	5 105
323117	Books printing	—	18	6	2 199	76 314	1 882	3 558	59 501	229 885	168 155	386 505	D
323118	Blankbook, looseleaf binders, and devices manufacturing ..	—	9	6	699	16 925	516	959	10 454	45 697	33 869	78 251	742
323119	Other commercial printing ...	3	59	8	451	14 877	297	506	7 957	'25 799	'17 468	43 493	1 395
32312	Support activities for printing...	1	88	23	1 672	61 432	1 205	2 303	38 056	135 249	26 879	162 078	5 308
323121	Tradebinding and related work	1	30	10	615	15 010	541	1 050	11 242	28 542	7 951	36 598	1 018
323122	Prepress services	1	58	13	1 057	46 422	664	1 253	26 814	106 707	18 928	125 480	4 290
324	Petroleum and coal products manufacturing	—	64	15	1 745	80 385	1 122	2 319	46 964	355 966	451 759	805 949	28 339
3241	Petroleum and coal products manufacturing	—	64	15	1 745	80 385	1 122	2 319	46 964	355 966	451 759	805 949	28 339
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	46	8	1 214	52 116	902	1 875	36 408	231 051	252 953	483 724	23 953
324121	Asphalt paving mixture and block manufacturing	1	43	5	439	16 974	341	659	13 323	80 007	109 369	188 982	16 462
324122	Asphalt shingle and coating materials manufacturing ...	—	3	3	775	35 142	561	1 216	23 085	151 044	143 584	294 742	7 491

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
324	Petroleum and coal products manufacturing—Con.												
3241	Petroleum and coal products manufacturing—Con.												
32419	Other petroleum and coal products manufacturing	1	17	6	e	D	D	D	D	D	D	D	D
324191	Petroleum lubricating oil and grease manufacturing	—	16	5	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	325	144	19 277	924 705	10 825	22 055	415 017	8 283 352	3 720 359	12 079 993	358 052
3251	Basic chemical manufacturing . . .	2	43	29	2 094	99 966	1 484	2 831	64 335	461 102	452 898	914 004	63 743
32513	Synthetic dye and pigment manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	1	4	3	c	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	5	9	8	418	24 663	296	578	17 012	150 740	134 244	285 511	5 088
325188	All other basic inorganic chemical manufacturing	5	9	8	418	24 663	296	578	17 012	150 740	134 244	285 511	5 088
32519	Other basic organic chemical manufacturing	1	24	15	1 048	40 651	819	1 461	28 862	203 855	224 242	425 440	52 949
325191	Gum and wood chemical manufacturing	—	10	4	387	10 246	350	543	8 585	77 995	48 634	126 995	D
325199	All other basic organic chemical manufacturing	1	11	9	600	28 390	422	808	18 726	111 980	130 818	239 051	24 280
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	4	3	141	5 659	118	206	4 513	29 658	64 183	92 697	1 495
32521	Resin and synthetic rubber manufacturing	1	4	3	141	5 659	118	206	4 513	29 658	64 183	92 697	1 495
325211	Plastics material and resin manufacturing	1	4	3	141	5 659	118	206	4 513	29 658	64 183	92 697	1 495
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	31	13	3 053	170 664	1 306	2 799	54 676	895 765	608 346	1 555 583	35 945
32531	Fertilizer manufacturing	—	18	5	715	21 655	437	940	11 306	43 152	145 328	190 423	3 822
325314	Fertilizer (mixing only) manufacturing	—	15	4	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	13	8	2 338	149 009	869	1 859	43 370	852 613	463 018	1 365 160	32 123
325320	Pesticide and other agricultural chemical manufacturing	—	13	8	2 338	149 009	869	1 859	43 370	852 613	463 018	1 365 160	32 123
3254	Pharmaceutical and medicine manufacturing	1	56	28	6 142	312 087	2 800	5 899	111 814	3 978 200	786 708	4 758 586	160 066
32541	Pharmaceutical and medicine manufacturing	1	56	28	6 142	312 087	2 800	5 899	111 814	3 978 200	786 708	4 758 586	160 066
325411	Medicinal and botanical manufacturing	—	5	2	c	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	1	33	19	4 642	229 968	2 133	4 625	91 084	3 733 353	702 916	4 435 278	133 656
325413	In-vitro diagnostic substance manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing	1	11	5	557	31 420	259	463	8 801	64 711	21 650	83 431	7 639
3255	Paint, coating, and adhesive manufacturing	1	65	25	2 611	109 589	1 566	3 134	48 197	515 794	442 875	961 527	25 631
32551	Paint and coating manufacturing	—	49	16	1 454	65 247	684	1 441	22 377	298 227	301 213	602 067	7 513
325510	Paint and coating manufacturing	—	49	16	1 454	65 247	684	1 441	22 377	298 227	301 213	602 067	7 513
32552	Adhesive manufacturing	1	16	9	1 157	44 342	882	1 693	25 820	217 567	141 662	359 460	18 118
325520	Adhesive manufacturing	1	16	9	1 157	44 342	882	1 693	25 820	217 567	141 662	359 460	18 118
3256	Soap, cleaning compound, and toilet preparation manufacturing	2	66	22	3 433	151 570	2 390	4 883	89 244	2 126 893	1 091 665	3 246 424	57 454
32561	Soap and cleaning compound manufacturing	—	52	17	2 390	111 094	1 562	3 256	65 360	1 556 536	880 344	2 466 549	45 936
325611	Soap and other detergent manufacturing	—	32	10	1 505	77 972	1 001	2 109	51 132	1 406 400	735 727	2 165 906	33 050
325612	Polish and other sanitation good manufacturing	3	19	6	f	D	D	D	D	D	D	D	D
325613	Surface active agent manufacturing	9	1	1	c	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	7	14	5	1 043	40 476	828	1 627	23 884	570 357	211 321	779 875	11 518
325620	Toilet preparation manufacturing	7	14	5	1 043	40 476	828	1 627	23 884	570 357	211 321	779 875	11 518
3259	Other chemical product and preparation manufacturing	2	60	24	1 803	75 170	1 161	2 303	42 238	275 940	273 684	551 172	13 718
32591	Printing ink manufacturing	—	12	7	403	18 063	228	469	10 174	56 160	88 871	145 475	D
325910	Printing ink manufacturing	—	12	7	403	18 063	228	469	10 174	56 160	88 871	145 475	D
32592	Explosives manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	—	1	1	c	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
325 3259	Chemical manufacturing—Con. Other chemical product and preparation manufacturing—Con.												
32599	All other chemical product and preparation manufacturing . . .	3	47	16	g	D	D	D	D	D	D	D	9 790
325991	Custom compounding of purchased resins	1	9	4	247	10 467	153	324	5 834	32 099	62 879	95 658	3 502
325992	Photographic film, paper, plate, and chemical manufacturing	—	10	5	c	D	D	D	D	D	D	D	350
325998	All other miscellaneous chemical product and preparation manufacturing .	5	28	7	686	26 218	489	934	16 865	118 272	95 666	213 033	5 938
326	Plastics and rubber products manufacturing	1	'333	'165	'22 159	'674 806	'17 476	'32 960	'453 558	'1 890 413	'1 663 033	'3 580 237	'208 421
3261	Plastics product manufacturing . .	1	'276	'138	'18 250	'553 581	'14 367	'27 011	'366 383	'1 573 380	'1 399 455	'2 998 991	'180 011
32611	Plastics packaging materials and unlaminate film and sheet manufacturing	—	32	18	2 709	93 964	2 211	3 841	62 774	429 860	294 398	733 232	28 114
326111	Plastics bag manufacturing . .	—	7	7	637	23 495	482	1 027	13 834	67 146	58 621	126 572	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	3	3	387	16 629	347	732	13 914	42 943	55 373	101 916	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	1	22	8	1 685	53 840	1 382	2 082	35 026	319 771	180 404	504 744	11 204
32612	Plastics pipe, pipe fitting, and unlaminate profile shape manufacturing	4	16	7	558	16 083	420	871	11 010	41 991	60 225	104 711	1 758
326121	Unlaminated plastics profile shape manufacturing	—	8	6	371	10 723	280	591	7 073	17 707	27 646	46 219	708
326122	Plastics pipe and pipe fitting manufacturing	8	8	1	187	5 360	140	280	3 937	24 284	32 579	58 492	1 050
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	9	6	2	195	5 634	163	344	4 897	15 045	14 079	29 219	986
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing . .	9	6	2	195	5 634	163	344	4 897	15 045	14 079	29 219	986
32614	Polystyrene foam product manufacturing	—	18	12	731	20 287	616	1 209	15 226	46 433	100 657	146 411	4 067
326140	Polystyrene foam product manufacturing	—	18	12	731	20 287	616	1 209	15 226	46 433	100 657	146 411	4 067
32615	Urethane and other foam product (except polystyrene) manufacturing	—	8	4	564	24 133	397	806	15 053	61 756	77 526	140 303	2 805
326150	Urethane and other foam product (except polystyrene) manufacturing	—	8	4	564	24 133	397	806	15 053	61 756	77 526	140 303	2 805
32616	Plastics bottle manufacturing . .	1	15	11	1 153	37 305	993	1 926	28 604	111 745	88 131	198 232	9 658
326160	Plastics bottle manufacturing	1	15	11	1 153	37 305	993	1 926	28 604	111 745	88 131	198 232	9 658
32619	Other plastics product manufacturing	1	'181	'84	'12 340	'356 175	'9 567	'18 014	'228 819	'866 550	'764 439	'1 646 883	'132 623
326191	Plastics plumbing fixture manufacturing	—	27	9	777	23 368	557	1 068	13 721	70 038	42 434	110 934	3 940
326199	All other plastics product manufacturing	1	'154	'75	'11 563	'332 807	'9 010	'16 946	'215 098	'796 512	'722 005	'1 535 949	'128 683
3262	Rubber product manufacturing . . .	—	57	27	3 909	121 225	3 109	5 949	87 175	317 033	263 578	581 246	28 410
32621	Tire manufacturing	—	23	7	529	18 356	321	647	10 133	51 405	47 882	99 303	10 474
326211	Tire manufacturing (except retreading)	—	5	2	161	7 279	95	174	4 340	28 336	10 711	38 766	D
326212	Tire retreading	—	18	5	368	11 077	226	473	5 793	23 069	37 171	60 537	D
32622	Rubber and plastics hoses and belting manufacturing	—	8	7	1 414	39 823	1 190	2 239	30 712	111 482	80 304	190 742	5 983
326220	Rubber and plastics hoses and belting manufacturing . .	—	8	7	1 414	39 823	1 190	2 239	30 712	111 482	80 304	190 742	5 983
32629	Other rubber product manufacturing	—	26	13	1 966	63 046	1 598	3 063	46 330	154 146	135 392	291 201	11 953
326291	Rubber product manufacturing for mechanical use	—	10	6	1 352	45 591	1 185	2 316	36 367	120 124	93 841	215 554	10 473
326299	All other rubber product manufacturing	2	16	7	614	17 455	413	747	9 963	34 022	41 551	75 647	1 480
327	Nonmetallic mineral product manufacturing	1	420	118	9 431	337 194	7 176	13 878	236 659	1 258 453	731 086	1 989 995	85 855
3271	Clay product and refractory manufacturing	—	22	8	665	22 283	519	998	15 294	43 340	37 726	83 040	963
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	11	2	311	8 984	270	507	7 017	21 073	10 802	32 126	253
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	1	1	c	D	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	1	9	1	c	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3271	Clay product and refractory manufacturing—Con.												
32712	Clay building material and refractories manufacturing	—	11	6	354	13 299	249	491	8 277	22 267	26 924	50 914	710
327124	Clay refractory manufacturing	1	6	3	224	9 262	148	277	5 365	12 718	20 844	35 585	324
3272	Glass and glass product manufacturing	3	29	7	1 185	44 549	941	1 931	32 473	125 880	80 826	215 627	8 545
32721	Glass and glass product manufacturing	3	29	7	1 185	44 549	941	1 931	32 473	125 880	80 826	215 627	8 545
327212	Other pressed and blown glass and glassware manufacturing	9	5	1	f	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass	—	23	5	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	304	87	5 786	202 552	4 422	8 209	140 658	683 558	475 164	1 150 695	49 458
32731	Cement manufacturing	2	10	6	947	45 087	731	1 381	32 978	299 510	132 749	428 071	13 508
327310	Cement manufacturing	2	10	6	947	45 087	731	1 381	32 978	299 510	132 749	428 071	13 508
32732	Ready-mix concrete manufacturing	2	198	47	2 718	89 081	2 270	4 087	70 605	220 865	239 669	459 953	25 606
327320	Ready-mix concrete manufacturing	2	198	47	2 718	89 081	2 270	4 087	70 605	220 865	239 669	459 953	25 606
32733	Concrete pipe, brick, and block manufacturing	2	33	17	936	34 659	531	1 111	15 910	75 482	71 662	145 000	6 725
327331	Concrete block and brick manufacturing	1	22	10	489	17 824	224	488	7 349	45 366	48 589	91 521	5 106
327332	Concrete pipe manufacturing	3	11	7	447	16 835	307	623	8 561	30 116	23 073	53 479	1 619
32739	Other concrete product manufacturing	1	63	17	1 185	33 725	890	1 630	21 165	87 701	31 084	117 671	3 619
327390	Other concrete product manufacturing	1	63	17	1 185	33 725	890	1 630	21 165	87 701	31 084	117 671	3 619
3274	Lime and gypsum product manufacturing	—	12	5	926	35 655	692	1 599	27 505	111 338	69 964	179 178	21 472
32741	Lime manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
327410	Lime manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	1	7	2	c	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	1	7	2	c	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	53	11	869	32 155	602	1 141	20 729	294 337	67 406	361 455	5 417
32791	Abrasive product manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	1	52	10	f	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	5	21	2	c	D	D	D	D	D	D	D	303
327992	Ground or treated mineral and earth manufacturing	—	6	2	c	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	7	7	1	106	4 499	89	194	3 574	13 622	10 037	23 211	427
327999	All other miscellaneous nonmetallic mineral product manufacturing	2	18	5	218	6 638	141	258	3 411	21 464	21 068	42 536	872
331	Primary metal manufacturing	1	121	63	10 729	381 421	8 438	16 507	272 778	969 007	1 244 660	2 208 789	66 241
3311	Iron and steel mills and ferroalloy manufacturing	7	6	2	134	4 424	120	242	3 642	3 158	5 232	8 334	105
33111	Iron and steel mills and ferroalloy manufacturing	7	6	2	134	4 424	120	242	3 642	3 158	5 232	8 334	105
3312	Steel product manufacturing from purchased steel	1	26	17	2 587	88 495	2 105	4 372	65 244	173 529	271 367	444 688	5 752
33121	Iron and steel pipe and tube manufacturing from purchased steel	1	5	4	c	D	D	D	D	D	D	D	1 252
331210	Iron and steel pipe and tube manufacturing from purchased steel	1	5	4	c	D	D	D	D	D	D	D	1 252
33122	Rolling and drawing of purchased steel	—	21	13	g	D	D	D	D	D	D	D	4 500
331221	Rolled steel shape manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
331222	Steel wire drawing	1	19	11	2 113	72 137	1 811	3 742	56 878	130 024	178 744	310 297	D
3313	Alumina and aluminum production and processing	1	10	6	1 939	83 497	1 535	3 267	61 794	205 670	412 070	609 989	30 598

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
331	Primary metal manufacturing—Con.												
3313	Alumina and aluminum production and processing—Con.												
33131	Alumina and aluminum production and processing . . .	1	10	6	1 939	83 497	1 535	3 267	61 794	205 670	412 070	609 989	30 598
331312	Primary aluminum production	—	2	1	g	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
331319	Other aluminum rolling and drawing	9	2	1	c	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	17	9	1 203	45 553	923	1 872	32 025	132 734	291 273	424 952	9 150
33141	Nonferrous metal (except aluminum) smelting and refining	—	3	2	e	D	D	D	D	D	D	D	D
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	—	3	2	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	4	3	e	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	3	3	e	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	—	10	4	425	16 101	327	685	11 439	46 953	54 787	100 840	D
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	—	6	3	385	14 237	298	627	10 237	44 331	51 104	94 535	2 121
3315	Foundries	4	62	29	4 866	159 452	3 755	6 754	110 073	453 916	264 718	720 826	20 636
33151	Ferrous metal foundries	2	17	8	881	30 744	703	1 394	22 411	52 994	37 348	90 734	1 842
331511	Iron foundries	2	6	4	406	14 486	315	651	10 978	25 668	18 678	45 138	888
331513	Steel foundries (except investment)	2	9	3	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	4	45	21	3 985	128 708	3 052	5 360	87 662	400 922	227 370	630 092	18 794
331521	Aluminum die-casting foundries	1	11	7	761	21 733	588	1 228	16 341	55 803	36 888	92 409	3 742
331522	Nonferrous (except aluminum) die-casting foundries	—	9	5	1 209	28 911	1 009	1 481	18 240	104 728	51 606	157 102	D
331524	Aluminum foundries (except die-casting)	7	15	7	g	D	D	D	D	D	D	D	D
331525	Copper foundries (except die-casting)	—	9	2	c	D	D	D	D	D	D	D	620
332	Fabricated metal product manufacturing	1	'1 169	295	'32 134	'1 158 859	24 007	'46 559	'746 513	'2 833 611	'2 066 058	'4 916 344	'137 456
3321	Forging and stamping	1	'56	'20	'1 524	'53 608	'1 114	'2 080	'32 350	'97 730	'124 136	'225 999	'7 676
33211	Forging and stamping	1	'56	'20	'1 524	'53 608	'1 114	'2 080	'32 350	'97 730	'124 136	'225 999	'7 676
332111	Iron and steel forging	2	9	3	237	7 625	178	367	5 339	6 295	13 086	22 715	289
332114	Custom roll forming	—	10	4	199	7 575	132	268	4 224	7 463	46 081	53 426	1 646
332116	Metal stamping	—	'32	'12	'1 005	'35 584	'739	'1 324	'20 915	'75 285	'56 226	'132 609	'4 627
3322	Cutlery and handtool manufacturing	3	42	12	746	23 658	539	1 009	14 216	54 602	48 067	102 191	D
33221	Cutlery and handtool manufacturing	3	42	12	746	23 658	539	1 009	14 216	54 602	48 067	102 191	D
332212	Hand and edge tool manufacturing	5	35	8	516	16 525	383	701	10 596	41 758	19 893	61 520	1 428
332214	Kitchen utensil, pot, and pan manufacturing	—	4	3	153	4 483	114	220	2 741	7 799	24 351	31 760	284
3323	Architectural and structural metals manufacturing	1	266	92	9 314	349 620	6 452	12 305	205 218	805 450	593 065	1 413 718	35 965
33231	Plate work and fabricated structural product manufacturing	1	116	40	4 509	204 719	3 000	6 011	119 587	508 483	340 729	859 007	24 408
332311	Prefabricated metal building and component manufacturing	—	21	6	565	22 632	357	805	10 854	69 701	65 196	134 040	1 348
332312	Fabricated structural metal manufacturing	1	81	31	3 477	165 037	2 293	4 470	97 414	410 601	258 927	679 977	22 138
332313	Plate work manufacturing	5	14	3	467	17 050	350	736	11 319	28 181	16 606	44 990	922
33232	Ornamental and architectural metal products manufacturing	1	150	52	4 805	144 901	3 452	6 294	85 631	296 967	252 336	554 711	11 557
332321	Metal window and door manufacturing	—	27	13	2 451	60 503	1 847	3 306	38 449	139 940	122 850	266 517	6 378
332322	Sheet metal work manufacturing	3	82	30	1 524	51 048	1 074	1 974	30 148	99 418	77 022	176 604	2 830
332323	Ornamental and architectural metal work manufacturing	1	41	9	830	33 350	531	1 014	17 034	57 609	52 464	111 590	2 349

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
332	Fabricated metal product manufacturing—Con.												
3324	Boiler, tank, and shipping container manufacturing	—	42	21	3 128	124 758	2 304	4 682	79 917	336 958	378 335	715 509	18 701
33241	Power boiler and heat exchanger manufacturing	—	4	3	345	13 038	281	539	9 566	34 781	25 385	60 050	D
332410	Power boiler and heat exchanger manufacturing ..	—	4	3	345	13 038	281	539	9 566	34 781	25 385	60 050	D
33242	Metal tank (heavy gauge) manufacturing	1	17	8	1 335	54 696	847	1 785	27 205	86 729	58 188	144 366	D
332420	Metal tank (heavy gauge) manufacturing	1	17	8	1 335	54 696	847	1 785	27 205	86 729	58 188	144 366	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	21	10	1 448	57 024	1 176	2 358	43 146	215 448	294 762	511 093	11 474
332431	Metal can manufacturing	—	9	4	621	29 712	505	1 088	22 577	137 683	223 309	361 914	9 490
332439	Other metal container manufacturing	—	12	6	827	27 312	671	1 270	20 569	77 765	71 453	149 179	1 984
3325	Hardware manufacturing	9	10	2	613	14 615	527	1 035	11 068	35 439	42 467	77 944	D
33251	Hardware manufacturing	9	10	2	613	14 615	527	1 035	11 068	35 439	42 467	77 944	D
332510	Hardware manufacturing	9	10	2	613	14 615	527	1 035	11 068	35 439	42 467	77 944	D
3326	Spring and wire product manufacturing	—	46	13	2 843	79 747	2 428	5 057	60 701	256 807	230 883	484 482	10 018
33261	Spring and wire product manufacturing	—	46	13	2 843	79 747	2 428	5 057	60 701	256 807	230 883	484 482	10 018
332612	Spring (light gauge) manufacturing	—	9	2	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	35	11	2 008	55 043	1 727	3 496	40 647	174 248	161 595	332 485	6 245
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	485	72	5 644	198 527	4 271	8 005	136 007	402 816	193 039	596 283	23 786
33271	Machine shops	2	417	44	3 692	134 551	2 787	5 223	90 506	264 484	116 298	380 360	17 369
332710	Machine shops	2	417	44	3 692	134 551	2 787	5 223	90 506	264 484	116 298	380 360	17 369
33272	Turned product and screw, nut, and bolt manufacturing	1	68	28	1 952	63 976	1 484	2 782	45 501	138 332	76 741	215 923	6 417
332721	Precision turned product manufacturing	—	53	20	1 590	50 630	1 215	2 242	36 896	105 144	58 269	164 302	5 306
332722	Bolt, nut, screw, rivet, and washer manufacturing	4	15	8	362	13 346	269	540	8 605	33 188	18 472	51 621	1 111
3328	Coating, engraving, heat treating, and allied activities	1	'111	26	'2 289	'85 009	'1 697	'3 342	'51 804	'204 167	'105 884	'309 120	'14 219
33281	Coating, engraving, heat treating, and allied activities ..	1	'111	26	'2 289	'85 009	'1 697	'3 342	'51 804	'204 167	'105 884	'309 120	'14 219
332811	Metal heat treating	—	8	4	198	6 491	145	280	4 263	19 462	3 369	22 594	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	'50	10	'1 266	'54 361	'887	'1 790	'31 570	'130 587	'75 019	'206 484	'8 239
332813	Electroplating, plating, polishing, anodizing, and coloring	2	53	12	825	24 157	665	1 272	15 971	54 118	27 496	80 042	D
3329	Other fabricated metal product manufacturing	—	'111	'37	'6 033	'229 317	'4 675	'9 044	'155 232	'639 642	'350 182	'991 098	22 790
33291	Metal valve manufacturing	—	30	18	2 975	104 952	2 240	4 281	64 690	251 566	246 269	500 264	10 865
332911	Industrial valve manufacturing	—	11	7	1 682	60 439	1 314	2 534	41 216	180 737	101 520	281 731	D
332912	Fluid power valve and hose fitting manufacturing	—	12	5	648	20 031	533	1 133	13 115	45 819	69 806	114 416	3 266
332919	Other metal valve and pipe fitting manufacturing	—	5	5	f	D	D	D	D	D	D	D	2 291
33299	All other fabricated metal product manufacturing	'1	'81	'19	'3 058	'124 365	'2 435	'4 763	'90 542	'388 076	'103 913	'490 834	11 925
332991	Ball and roller bearing manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
332992	Small arms ammunition manufacturing	—	5	4	1 332	60 062	1 087	2 159	45 454	230 052	15 553	243 122	860
332996	Fabricated pipe and pipe fitting manufacturing	1	14	3	243	9 876	194	406	7 018	17 558	22 052	38 648	859
332999	All other miscellaneous fabricated metal product manufacturing	2	48	10	1 146	41 219	888	1 686	28 456	93 060	38 755	132 135	8 412
333	Machinery manufacturing	—	543	197	33 242	1 285 695	22 228	41 761	679 367	3 115 702	2 664 038	5 751 322	182 160
3331	Agriculture, construction, and mining machinery manufacturing	1	52	21	1 923	69 774	1 273	2 716	35 305	94 240	210 666	321 430	13 628
33311	Agricultural implement manufacturing	1	30	12	882	25 692	670	1 278	14 950	51 871	69 546	118 935	3 072
333111	Farm machinery and equipment manufacturing ..	1	26	9	451	15 139	301	566	7 106	28 519	42 397	68 882	1 780
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	4	3	431	10 553	369	712	7 844	23 352	27 149	50 053	1 292
33312	Construction machinery manufacturing	—	10	4	637	28 079	357	952	13 216	16 034	112 074	146 165	D
333120	Construction machinery manufacturing	—	10	4	637	28 079	357	952	13 216	16 034	112 074	146 165	D

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
333	Machinery manufacturing—Con.												
3331	Agriculture, construction, and mining machinery manufacturing—Con.												
33313	Mining and oil and gas field machinery manufacturing . . .	3	12	5	404	16 003	246	486	7 139	26 335	29 046	56 330	D
333131	Mining machinery and equipment manufacturing ..	5	11	4	c	D	D	D	D	D	D	D	1 489
333132	Oil and gas field machinery and equipment manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	78	31	2 146	89 629	1 193	2 050	39 115	217 914	148 423	364 236	5 617
33322	Plastics and rubber industry machinery manufacturing . . .	—	8	3	101	3 262	76	137	1 786	6 342	4 141	10 840	51
333220	Plastics and rubber industry machinery manufacturing ..	—	8	3	101	3 262	76	137	1 786	6 342	4 141	10 840	51
33329	Other industrial machinery manufacturing	1	60	27	1 957	83 532	1 066	1 814	36 195	204 408	136 046	338 427	5 305
333291	Paper industry machinery manufacturing	—	4	2	156	5 757	117	175	3 615	12 289	4 195	16 601	215
333293	Printing machinery and equipment manufacturing ..	1	10	6	445	22 834	224	260	8 603	50 753	27 707	73 473	875
333294	Food product machinery manufacturing	—	12	6	478	19 351	263	492	8 426	71 303	50 397	120 430	2 267
333298	All other industrial machinery manufacturing	2	23	10	761	31 626	395	753	14 187	62 872	48 806	115 771	1 568
3333	Commercial and service industry machinery manufacturing	1	52	19	2 767	107 438	1 720	3 129	47 230	250 689	198 626	455 435	19 633
33331	Commercial and service industry machinery	1	52	19	2 767	107 438	1 720	3 129	47 230	250 689	198 626	455 435	19 633
333311	Automatic vending machine manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
333313	Office machinery manufacturing	1	2	1	e	D	D	D	D	D	D	D	D
333314	Optical instrument and lens manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
333315	Photographic and photocopying equipment manufacturing	1	6	1	112	4 496	50	89	1 311	743	12 246	15 034	135
333319	Other commercial and service industry machinery manufacturing	2	35	12	1 161	54 986	521	1 095	16 260	151 212	113 640	265 453	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	37	23	9 211	301 138	7 379	13 909	210 858	834 911	842 540	1 711 100	37 095
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	37	23	9 211	301 138	7 379	13 909	210 858	834 911	842 540	1 711 100	37 095
333411	Air purification equipment manufacturing	1	8	4	430	9 807	366	711	7 378	25 772	21 277	47 088	690
333412	Industrial and commercial fan and blower manufacturing ..	—	4	4	1 382	51 576	996	2 095	32 709	117 700	90 141	207 751	13 059
333414	Heating equipment (except warm air furnaces) manufacturing	8	9	3	538	14 799	382	723	8 135	45 962	64 351	112 116	1 796
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	16	12	6 861	224 956	5 635	10 380	162 636	645 477	666 771	1 344 145	21 550
3335	Metalworking machinery manufacturing	1	155	41	4 206	173 405	2 868	5 984	101 213	318 152	167 883	488 038	19 541
33351	Metalworking machinery manufacturing	1	155	41	4 206	173 405	2 868	5 984	101 213	318 152	167 883	488 038	19 541
333511	Industrial mold manufacturing	—	45	14	1 061	48 205	800	1 673	30 680	93 359	27 276	119 975	4 764
333513	Machine tool (metal forming types) manufacturing	—	6	2	153	6 430	89	148	3 060	11 238	7 052	18 810	164
333514	Special die and tool, die set, jig, and fixture manufacturing	1	65	12	1 044	43 261	778	1 844	28 275	86 861	38 087	125 512	4 317
333515	Cutting tool and machine tool accessory manufacturing ...	2	30	8	1 561	59 569	969	1 795	29 136	99 215	54 715	156 356	4 328
333518	Other metalworking machinery manufacturing ..	—	6	4	333	13 829	197	449	8 492	24 466	39 328	62 984	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	'33	'17	'3 594	'107 995	'3 052	'5 245	'79 500	'282 355	'625 518	'887 765	'24 666
33361	Engine, turbine, and power transmission equipment manufacturing	—	'33	'17	'3 594	'107 995	'3 052	'5 245	'79 500	'282 355	'625 518	'887 765	'24 666
333612	Speed changer, industrial high-speed drive, and gear manufacturing	—	12	7	671	20 410	543	1 053	13 002	57 508	46 584	105 685	1 613
333618	Other engine equipment manufacturing	—	'12	'7	'2 827	'83 795	'2 439	'4 073	'64 320	'217 628	'570 913	'766 608	'22 832

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing	—	'136	'45	'9 395	'436 316	'4 743	'8 728	'166 146	'1 117 441	'470 382	'1 523 318	'61 980
33391	Pump and compressor manufacturing	1	17	6	662	25 034	405	810	12 514	118 134	68 037	187 130	3 553
333911	Pump and pumping equipment manufacturing ..	1	9	2	169	7 761	86	161	3 001	21 125	14 405	35 213	589
333912	Air and gas compressor manufacturing	1	8	4	493	17 273	319	649	9 513	97 009	53 632	151 917	2 964
33392	Material handling equipment manufacturing	1	'54	'18	'2 676	'103 852	'1 559	'3 002	'45 626	'256 951	'190 117	'442 628	'6 579
333921	Elevator and moving stairway manufacturing	4	4	2	533	18 784	366	678	9 754	28 351	47 452	75 392	D
333922	Conveyor and conveying equipment manufacturing ..	—	24	9	825	32 926	492	997	15 138	90 154	53 639	143 575	4 200
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	'19	'7	'1 273	'50 985	'665	'1 274	'19 984	'136 841	'87 373	'220 335	'1 353
33399	All other general purpose machinery manufacturing	—	65	21	6 057	307 430	2 779	4 916	108 006	742 356	212 228	893 560	51 848
333993	Packaging machinery manufacturing	—	15	4	366	20 675	120	206	3 817	55 788	35 935	88 948	918
333994	Industrial process furnace and oven manufacturing ...	—	11	9	1 142	38 001	674	1 326	17 676	80 290	31 825	113 361	2 139
333997	Scale and balance (except laboratory) manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	31	6	4 144	234 156	1 729	2 848	78 609	575 162	129 349	644 724	48 478
334	Computer and electronic product manufacturing	—	158	59	8 983	385 012	5 271	9 945	158 472	902 281	564 005	1 471 315	41 366
3341	Computer and peripheral equipment manufacturing	5	21	3	464	20 128	189	382	4 815	8 194	13 152	28 171	D
33411	Computer and peripheral equipment manufacturing	5	21	3	464	20 128	189	382	4 815	8 194	13 152	28 171	D
334119	Other computer peripheral equipment manufacturing ..	2	7	3	402	17 261	171	353	4 351	3 345	7 143	17 246	1 053
3342	Communications equipment manufacturing	—	21	10	1 859	92 498	744	1 468	20 119	161 083	131 506	292 281	D
33421	Telephone apparatus manufacturing	5	6	2	c	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	5	6	2	c	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	11	7	1 721	88 087	655	1 360	18 649	153 696	126 180	279 632	D
334290	Other communications equipment manufacturing ..	—	11	7	1 721	88 087	655	1 360	18 649	153 696	126 180	279 632	D
3343	Audio and video equipment manufacturing	3	7	2	173	5 950	72	127	1 592	5 307	10 207	15 518	381
33431	Audio and video equipment manufacturing	3	7	2	173	5 950	72	127	1 592	5 307	10 207	15 518	381
334310	Audio and video equipment manufacturing	3	7	2	173	5 950	72	127	1 592	5 307	10 207	15 518	381
3344	Semiconductor and other electronic component manufacturing	—	44	22	4 262	160 592	2 976	5 537	90 619	499 931	267 713	767 736	D
33441	Semiconductor and other electronic component manufacturing	—	44	22	4 262	160 592	2 976	5 537	90 619	499 931	267 713	767 736	D
334412	Bare printed circuit board manufacturing	—	7	4	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	1	8	4	1 167	51 800	925	1 639	35 530	122 144	64 664	182 011	D
334416	Electronic coil, transformer, and other inductor manufacturing	—	4	2	c	D	D	D	D	D	D	D	67
334417	Electronic connector manufacturing	1	4	1	443	9 915	313	616	4 924	19 437	5 201	25 171	818
334418	Printed circuit assembly (electronic assembly) manufacturing	2	9	5	411	13 117	229	405	5 469	27 039	75 442	104 263	586
334419	Other electronic component manufacturing	—	11	6	767	26 321	505	1 017	12 407	35 151	30 321	63 498	1 027
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	52	20	2 111	102 110	1 215	2 273	39 575	218 288	134 558	351 598	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	52	20	2 111	102 110	1 215	2 273	39 575	218 288	134 558	351 598	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	1	6	2	153	11 704	96	167	6 393	19 632	8 646	25 852	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use.....	—	6	3	383	9 720	289	559	6 317	77 194	53 781	133 402	D

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing—Con.												
33451	Navigational, measuring, electromedical, and control instruments manufacturing—Con.												
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2	15	7	564	24 443	352	653	9 792	53 673	34 129	88 253	1 068
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	4	3	206	9 101	92	184	2 643	15 120	6 153	21 971	D
334516	Analytical laboratory instrument manufacturing ..	4	7	2	111	5 694	48	89	1 620	15 835	7 654	23 489	489
334519	Other measuring and controlling device manufacturing	—	6	2	137	5 866	42	70	1 092	12 818	3 398	16 286	236
3346	Manufacturing and reproducing magnetic and optical media.....	1	13	2	114	3 734	75	158	1 752	9 478	6 869	16 011	737
33461	Manufacturing and reproducing magnetic and optical media...	1	13	2	114	3 734	75	158	1 752	9 478	6 869	16 011	737
334612	Prerecorded compact disc (except software), tape, and record reproducing	1	10	2	109	3 545	71	152	1 643	8 933	6 491	15 087	D
335	Electrical equipment, appliance, and component manufacturing	—	122	69	14 520	480 140	11 363	22 293	317 725	1 455 686	1 373 657	2 860 627	74 243
3351	Electric lighting equipment manufacturing	—	17	13	g	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	16	12	f	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	—	5	2	c	D	D	D	D	D	D	D	145
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	7	7	538	18 263	396	798	10 304	45 080	37 279	82 741	2 182
335129	Other lighting equipment manufacturing	2	4	3	c	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	4	2	e	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	52	25	6 690	212 169	5 431	10 487	148 474	651 251	533 854	1 198 307	41 553
33531	Electrical equipment manufacturing	—	52	25	6 690	212 169	5 431	10 487	148 474	651 251	533 854	1 198 307	41 553
335311	Power, distribution, and specialty transformer manufacturing	—	8	6	1 595	63 192	1 228	2 196	39 300	142 027	196 343	336 691	D
335312	Motor and generator manufacturing	—	13	10	3 700	104 333	3 122	6 227	79 578	312 362	239 658	567 419	24 627
335313	Switchgear and switchboard apparatus manufacturing ..	—	13	5	1 190	36 182	985	1 862	27 278	180 409	89 017	269 928	D
335314	Relay and industrial control manufacturing	3	18	4	205	8 462	96	202	2 318	16 453	8 836	24 269	D
3359	Other electrical equipment and component manufacturing	1	49	29	6 302	210 893	4 772	9 540	130 235	636 491	687 028	1 320 861	26 958
33591	Battery manufacturing	—	8	7	2 507	76 131	2 003	3 807	52 651	320 618	278 682	605 215	13 523
335911	Storage battery manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	3	5	4	685	24 365	537	1 158	16 248	96 296	209 914	302 165	2 653
335929	Other communication and energy wire manufacturing ..	3	5	4	685	24 365	537	1 158	16 248	96 296	209 914	302 165	2 653
33593	Wiring device manufacturing ..	1	19	11	2 560	87 999	1 868	3 832	50 245	182 718	166 486	345 727	10 113
335931	Current-carrying wiring device manufacturing	2	11	6	1 240	37 116	957	2 061	22 238	80 604	50 167	126 838	D
335932	Noncurrent-carrying wiring device manufacturing	—	8	5	1 320	50 883	911	1 771	28 007	102 114	116 319	218 889	D
33599	All other electrical equipment and component manufacturing	3	17	7	550	22 398	364	743	11 091	36 859	31 946	67 754	669
335999	All other miscellaneous electrical equipment and component manufacturing ..	3	16	6	e	D	D	D	D	D	D	D	D

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

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

NAICS code	Geographic area and industry	E 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)				
MISSOURI—Con.													
336	Transportation equipment manufacturing	—	319	134	53 994	3 233 065	43 125	80 783	2 427 861	7 358 623	24 016 200	31 012 315	316 943
3361	Motor vehicle manufacturing	—	17	7	17 434	1 190 407	16 085	32 843	1 079 270	4 148 771	16 542 613	20 695 207	125 783
33611	Automobile and light duty motor vehicle manufacturing	—	15	7	j	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	8	5	17 320	1 185 156	15 996	32 673	1 075 034	4 129 760	16 488 688	20 622 285	124 755
3362	Motor vehicle body and trailer manufacturing	3	77	23	g	D	D	D	D	D	D	D	3 356
33621	Motor vehicle body and trailer manufacturing	3	77	23	g	D	D	D	D	D	D	D	3 356
336211	Motor vehicle body manufacturing	4	30	10	665	21 048	505	928	13 336	38 850	68 038	107 053	1 296
336212	Truck trailer manufacturing ..	1	14	4	656	19 542	543	982	14 379	25 642	58 887	82 853	723
336214	Travel trailer and camper manufacturing	3	33	9	f	D	D	D	D	D	D	D	1 337
3363	Motor vehicle parts manufacturing	1	153	68	14 319	500 423	11 538	22 139	353 795	1 340 927	2 271 204	3 607 826	88 311
33631	Motor vehicle gasoline engine and engine parts manufacturing	1	34	5	790	27 881	609	1 071	19 894	51 528	64 210	115 146	4 518
336311	Carburetor, piston, piston ring, and valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	2	32	4	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	20	4	988	30 170	677	1 159	11 718	87 053	76 714	164 982	4 481
336321	Vehicular lighting equipment manufacturing	—	3	3	832	25 374	552	946	8 728	74 095	65 685	140 959	3 953
336322	Other motor vehicle electrical and electronic equipment manufacturing	5	17	1	156	4 796	125	213	2 990	12 958	11 029	24 023	528
33633	Motor vehicle steering and suspension component (except spring) manufacturing	1	11	5	912	29 245	760	1 549	21 864	63 028	62 375	129 817	2 366
336330	Motor vehicle steering and suspension component (except spring) manufacturing	1	11	5	912	29 245	760	1 549	21 864	63 028	62 375	129 817	2 366
33634	Motor vehicle brake system manufacturing	1	14	11	2 243	63 177	1 770	3 233	43 562	189 311	167 050	357 137	20 472
336340	Motor vehicle brake system manufacturing	1	14	11	2 243	63 177	1 770	3 233	43 562	189 311	167 050	357 137	20 472
33635	Motor vehicle transmission and power train parts manufacturing	1	17	6	1 713	51 701	1 433	3 033	37 819	150 010	365 975	518 352	15 280
336350	Motor vehicle transmission and power train parts manufacturing	1	17	6	1 713	51 701	1 433	3 033	37 819	150 010	365 975	518 352	15 280
33636	Motor vehicle seating and interior trim manufacturing	—	13	10	2 543	131 714	1 931	3 722	94 315	299 961	847 118	1 145 603	11 218
336360	Motor vehicle seating and interior trim manufacturing ..	—	13	10	2 543	131 714	1 931	3 722	94 315	299 961	847 118	1 145 603	11 218
33637	Motor vehicle metal stamping ..	3	11	8	733	29 243	624	1 300	21 209	62 804	60 830	123 808	2 954
336370	Motor vehicle metal stamping	3	11	8	733	29 243	624	1 300	21 209	62 804	60 830	123 808	2 954
33639	Other motor vehicle parts manufacturing	1	33	19	4 397	137 292	3 734	7 072	103 414	437 232	626 932	1 052 981	27 022
336399	All other motor vehicle parts manufacturing	1	33	19	4 397	137 292	3 734	7 072	103 414	437 232	626 932	1 052 981	27 022
3364	Aerospace product and parts manufacturing	—	23	13	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	23	13	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	5	2	j	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	1	17	11	f	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	8	7	e	D	D	D	D	D	D	D	1 297
33651	Railroad rolling stock manufacturing	—	8	7	e	D	D	D	D	D	D	D	1 297
336510	Railroad rolling stock manufacturing	—	8	7	e	D	D	D	D	D	D	D	1 297
3366	Ship and boat building	—	29	15	2 733	68 679	2 227	4 137	48 495	254 334	213 337	467 671	D
33661	Ship and boat building	—	29	15	2 733	68 679	2 227	4 137	48 495	254 334	213 337	467 671	D
336611	Ship building and repairing ..	1	9	5	870	23 377	812	1 329	19 549	46 936	46 117	96 053	2 311
336612	Boat building	—	20	10	1 863	45 302	1 415	2 808	28 946	204 398	167 220	371 618	D
3369	Other transportation equipment manufacturing	2	12	1	c	D	D	D	D	D	D	D	362
33699	Other transportation equipment manufacturing	2	12	1	c	D	D	D	D	D	D	D	362
336999	All other transportation equipment manufacturing ..	2	9	1	c	D	D	D	D	D	D	D	329

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MISSOURI—Con.													
337	Furniture and related product manufacturing	2	'457	'94	'11 989	'358 755	'9 382	'17 687	'231 987	'838 316	'564 637	'1 384 408	28 824
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	'354	'55	'9 003	'261 957	'7 191	'13 489	'175 385	'621 585	'412 683	'1 015 667	20 332
33711	Wood kitchen cabinet and countertop manufacturing	2	'234	'27	'2 592	'73 644	'2 033	'3 771	'50 365	'135 937	'75 938	'210 866	10 570
337110	Wood kitchen cabinet and countertop manufacturing ..	2	'234	'27	'2 592	'73 644	'2 033	'3 771	'50 365	'135 937	'75 938	'210 866	10 570
33712	Household and institutional furniture manufacturing	2	120	28	6 411	188 313	5 158	9 718	125 020	485 648	336 745	804 801	9 762
337121	Upholstered household furniture manufacturing	—	29	6	2 356	63 841	2 096	4 048	55 062	175 463	109 221	284 861	1 535
337122	Nonupholstered wood household furniture manufacturing	2	65	11	3 014	91 743	2 271	4 062	49 780	226 368	174 017	383 200	6 141
337124	Metal household furniture manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	7	16	9	685	23 474	509	1 041	13 931	65 444	35 334	100 401	1 856
3372	Office furniture (including fixtures) manufacturing	2	85	33	2 682	86 772	1 977	3 778	51 201	179 914	140 844	321 049	7 565
33721	Office furniture (including fixtures) manufacturing	2	85	33	2 682	86 772	1 977	3 778	51 201	179 914	140 844	321 049	7 565
337211	Wood office furniture manufacturing	2	13	4	296	9 901	213	412	5 562	18 311	10 491	29 238	1 604
337212	Custom architectural woodwork and millwork manufacturing	—	30	12	506	21 222	335	668	12 052	45 788	35 313	82 095	D
337214	Office furniture (except wood) manufacturing	—	7	2	257	8 272	172	370	4 278	24 612	12 080	36 676	D
337215	Showcase, partition, shelving, and locker manufacturing	3	35	15	1 623	47 377	1 257	2 328	29 309	91 203	82 960	173 040	D
3379	Other furniture related product manufacturing	—	18	6	304	10 026	214	420	5 401	36 817	11 110	47 692	927
33791	Mattress manufacturing	—	14	5	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	14	5	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	651	133	13 090	408 204	9 083	16 578	217 934	1 151 166	654 128	1 786 608	42 826
3391	Medical equipment and supplies manufacturing	2	235	45	4 359	147 587	2 982	5 027	80 171	460 724	183 439	644 110	14 375
33911	Medical equipment and supplies manufacturing	2	235	45	4 359	147 587	2 982	5 027	80 171	460 724	183 439	644 110	14 375
339111	Laboratory apparatus and furniture manufacturing	—	10	3	283	11 714	153	330	4 140	20 742	15 763	36 351	602
339112	Surgical and medical instrument manufacturing ..	3	26	12	1 527	54 484	994	1 399	27 516	178 132	55 369	235 233	6 185
339113	Surgical appliance and supplies manufacturing	2	37	11	1 200	40 647	810	1 533	21 221	169 385	87 745	256 752	4 766
339114	Dental equipment and supplies manufacturing	2	16	3	306	10 862	209	352	5 425	37 303	10 838	48 370	1 246
339116	Dental laboratories	2	140	14	972	27 733	770	1 327	20 769	47 138	10 096	55 747	1 231
3399	Other miscellaneous manufacturing	3	416	88	8 731	260 617	6 101	11 551	137 763	690 442	470 689	1 142 498	28 451
33991	Jewelry and silverware manufacturing	8	28	1	134	3 293	89	152	1 835	6 971	5 088	12 093	156
33992	Sporting and athletic goods manufacturing	4	67	23	2 810	82 456	2 086	3 947	44 819	276 414	181 818	447 071	12 546
339920	Sporting and athletic goods manufacturing	4	67	23	2 810	82 456	2 086	3 947	44 819	276 414	181 818	447 071	12 546
33993	Doll, toy, and game manufacturing	8	34	4	345	9 880	264	497	6 280	50 725	43 495	88 244	3 691
339932	Game, toy, and children's vehicle manufacturing	8	25	4	317	9 266	247	466	5 981	49 130	42 338	85 495	3 659
33994	Office supplies (except paper) manufacturing	—	16	2	271	7 630	194	391	4 928	13 505	20 724	34 048	602
339942	Lead pencil and art good manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
339943	Marking device manufacturing	2	10	1	c	D	D	D	D	D	D	D	288
33995	Sign manufacturing	3	137	29	2 523	85 037	1 574	3 071	39 831	152 710	104 562	256 335	5 787
339950	Sign manufacturing	3	137	29	2 523	85 037	1 574	3 071	39 831	152 710	104 562	256 335	5 787
33999	All other miscellaneous manufacturing	1	134	29	2 648	72 321	1 894	3 493	40 070	190 117	115 002	304 707	5 669
339991	Gasket, packing, and sealing device manufacturing	—	12	3	295	10 200	186	358	5 067	26 284	15 191	42 362	1 029
339994	Broom, brush, and mop manufacturing	2	10	4	313	9 263	244	473	5 396	27 462	14 526	42 014	725
339995	Burial casket manufacturing ..	—	5	1	c	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	96	20	1 844	46 386	1 290	2 286	24 234	105 377	68 891	172 841	D

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

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

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

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

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

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

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	CAPE GIRARDEAU-SIKESTON-JACKSON, MO-IL COMBINED STATISTICAL AREA												
31-33	Manufacturing	-	205	70	8 413	272 927	6 869	13 474	197 952	1 711 193	1 352 503	3 050 230	193 587
311	Food manufacturing	-	15	6	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	7	5	4	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	25	9	674	17 435	561	1 002	11 803	31 068	42 094	72 689	2 930
3219	Other wood product manufacturing	4	14	6	f	D	D	D	D	D	D	D	D
32191	Millwork	6	7	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	8	4	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	6	3	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	19	7	564	19 494	446	900	14 275	89 202	50 766	138 868	3 343
3273	Cement and concrete product manufacturing	-	16	5	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	25	6	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	9	5	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	5	5	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	-	3	3	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	-	3	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	6	21	7	f	D	D	D	D	D	D	D	3 537
3362	Motor vehicle body and trailer manufacturing	2	12	4	e	D	D	D	D	D	D	D	774
33621	Motor vehicle body and trailer manufacturing	2	12	4	e	D	D	D	D	D	D	D	774
3363	Motor vehicle parts manufacturing	9	5	1	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	9	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CAPE GIRARDEAU-SIKESTON-JACKSON, MO-IL COMBINED STATISTICAL AREA—Con.													
Cape Girardeau-Jackson, MO-IL Micropolitan Statistical Area													
31-33	Manufacturing	—	129	39	5 818	196 184	4 751	9 897	141 876	1 423 043	1 040 000	2 451 593	178 232
315	Apparel manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	3	3	257	10 679	206	413	7 108	28 267	44 952	76 022	D
326	Plastics and rubber products manufacturing	1	6	3	480	19 114	328	751	10 048	69 900	80 556	150 348	5 426
3261	Plastics product manufacturing ..	—	4	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	14	5	494	17 485	399	796	12 972	85 919	46 067	131 092	2 973
3273	Cement and concrete product manufacturing	—	12	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	13	2	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	7	3	420	13 991	311	700	7 305	33 669	30 497	59 749	D
3359	Other electrical equipment and component manufacturing	2	3	3	402	13 074	304	687	7 080	31 940	26 293	53 920	D
336	Transportation equipment manufacturing	7	9	3	543	17 778	438	871	13 675	36 679	47 191	84 835	2 763
3363	Motor vehicle parts manufacturing	9	5	1	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
Sikeston, MO Micropolitan Statistical Area													
31-33	Manufacturing	1	76	31	2 595	76 743	2 118	3 577	56 076	288 150	312 503	598 637	15 355
311	Food manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	6	5	435	11 938	345	582	7 536	18 875	24 876	43 409	827
3219	Other wood product manufacturing	2	4	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CAPE GIRARDEAU-SIKESTON-JACKSON, MO-IL COMBINED STATISTICAL AREA—Con.													
Sikeston, MO Micropolitan Statistical Area—Con.													
335	Electrical equipment, appliance, and component manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	12	4	e	D	D	D	D	D	D	D	774
3362	Motor vehicle body and trailer manufacturing	2	12	4	e	D	D	D	D	D	D	D	774
33621	Motor vehicle body and trailer manufacturing	2	12	4	e	D	D	D	D	D	D	D	774
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA													
31-33	Manufacturing	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
311	Food manufacturing	3	174	70	i	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	2	18	9	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	2	18	9	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	—	16	10	g	D	D	D	D	D	D	D	D
31121	Flour milling and malt manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
311211	Flour milling	—	6	4	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	2	2	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	9	3	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	3	6	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	21	8	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	21	8	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	4	2	283	8 515	228	439	5 113	57 869	17 732	75 399	D
311615	Poultry processing	—	3	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	4	56	17	2 402	86 537	1 464	2 873	49 339	466 920	251 997	719 100	15 898
31181	Bread and bakery product manufacturing	—	47	10	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	13	6	1 037	33 912	400	774	11 996	76 315	21 992	98 387	1 202
31182	Cookie, cracker, and pasta manufacturing	5	7	6	1 089	47 573	906	1 867	35 012	381 113	225 595	606 827	D
311821	Cookie and cracker manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
311823	Dry pasta manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	5	38	21	h	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	5	10	8	f	D	D	D	D	D	D	D	12 252
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	6	4	4	e	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	4	6	4	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	8	21	9	g	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	9	12	4	602	23 891	364	750	12 045	469 179	123 402	592 406	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
312	Beverage and tobacco product manufacturing	1	14	6	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	1	13	6	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	8	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
312112	Bottled water manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	3	34	4	256	5 987	188	313	3 554	11 974	11 628	23 520	228
315	Apparel manufacturing	6	33	8	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	6	30	6	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	9	23	3	f	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	17	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	55	14	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	44	10	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	56	39	5 029	181 421	3 974	8 050	127 100	433 757	705 085	1 131 000	22 681
3221	Pulp, paper, and paperboard mills	—	4	3	e	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	2	2	e	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	2	2	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	52	36	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	24	21	2 368	90 856	1 854	3 819	62 811	221 598	370 801	592 626	D
322211	Corrugated and solid fiber box manufacturing	1	15	13	1 386	53 259	1 012	2 171	32 594	133 478	258 056	391 832	5 052
322212	Folding paperboard box manufacturing	1	4	4	780	31 917	673	1 302	26 157	68 930	92 581	160 642	D
32222	Paper bag and coated and treated paper manufacturing	—	11	8	994	32 352	788	1 577	21 042	95 920	145 711	244 110	D
322224	Uncoated paper and multiwall bag manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	14	6	979	33 231	795	1 550	26 112	56 857	90 525	145 712	4 808
322232	Envelope manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	358	79	i	D	D	D	D	D	D	D	D
3231	Printing and related support activities	1	358	79	i	D	D	D	D	D	D	D	D
32311	Printing	1	313	70	i	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	143	36	h	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	1	13	8	657	26 418	431	831	14 803	56 537	79 746	136 996	3 872
323113	Commercial screen printing	—	37	8	2 074	73 969	1 348	2 547	37 559	132 344	126 837	260 651	6 342
323114	Quick printing	1	64	5	g	D	D	D	D	D	D	D	D
323116	Manifold business forms printing	—	9	3	f	D	D	D	D	D	D	D	D
32312	Support activities for printing	1	45	9	e	D	D	D	D	D	D	D	D
323122	Prepress services	1	29	6	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	2	18	7	e	D	D	D	D	D	D	D	15 384
3241	Petroleum and coal products manufacturing	2	18	7	e	D	D	D	D	D	D	D	15 384
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	15	5	e	D	D	D	D	D	D	D	D
324121	Asphalt paving mixture and block manufacturing	1	13	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
325	Chemical manufacturing	-	102	57	i	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	22	13	2 418	121 262	851	1 894	35 130	2 709 159	274 372	2 955 850	26 227
32541	Pharmaceutical and medicine manufacturing	-	22	13	2 418	121 262	851	1 894	35 130	2 709 159	274 372	2 955 850	26 227
325412	Pharmaceutical preparation manufacturing	-	13	6	1 655	87 883	528	1 261	25 334	2 630 201	227 545	2 836 016	D
325413	In-vitro diagnostic substance manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	6	7	5	e	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	1	20	9	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	-	11	4	378	13 526	206	454	5 886	89 120	91 560	181 007	3 218
325510	Paint and coating manufacturing	-	11	4	378	13 526	206	454	5 886	89 120	91 560	181 007	3 218
32552	Adhesive manufacturing	2	9	5	f	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	2	9	5	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	21	11	1 129	55 234	807	1 756	37 812	597 203	542 482	1 152 115	46 807
32561	Soap and cleaning compound manufacturing	-	19	10	g	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	-	11	5	675	40 514	529	1 237	31 585	535 733	420 111	962 032	D
3259	Other chemical product and preparation manufacturing	-	21	12	f	D	D	D	D	D	D	D	D
32591	Printing ink manufacturing	-	11	8	f	D	D	D	D	D	D	D	3 209
325910	Printing ink manufacturing	-	11	8	f	D	D	D	D	D	D	D	3 209
32599	All other chemical product and preparation manufacturing ..	-	10	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	113	55	i	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	97	50	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	3	12	7	e	D	D	D	D	D	D	D	9 744
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	-	8	4	551	20 868	454	988	15 762	39 802	136 463	173 639	D
326121	Unlaminated plastics profile shape manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	1	7	4	327	9 617	254	566	5 296	30 002	22 882	52 885	1 837
326140	Polystyrene foam product manufacturing	1	7	4	327	9 617	254	566	5 296	30 002	22 882	52 885	1 837
32616	Plastics bottle manufacturing ..	1	7	6	561	17 492	467	944	13 046	72 530	61 308	131 121	6 022
326160	Plastics bottle manufacturing ..	1	7	6	561	17 492	467	944	13 046	72 530	61 308	131 121	6 022
32619	Other plastics product manufacturing	1	59	27	h	D	D	D	D	D	D	D	D
326191	Plastics plumbing fixture manufacturing	-	5	3	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	53	24	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	2	16	5	441	15 575	335	617	10 916	54 990	33 119	87 037	3 880
327	Nonmetallic mineral product manufacturing	2	118	46	h	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	18	3	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	18	3	e	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)		
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)	
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.														
327	Nonmetallic mineral product manufacturing—Con.													
3273	Cement and concrete product manufacturing	3	73	33	g	D	D	D	D	D	D	D		
32732	Ready-mix concrete manufacturing	5	42	17	f	D	D	D	D	D	D	D		
327320	Ready-mix concrete manufacturing	5	42	17	f	D	D	D	D	D	D	D		
32733	Concrete pipe, brick, and block manufacturing	1	10	6	e	D	D	D	D	D	D	1 616		
32739	Other concrete product manufacturing	1	17	8	e	D	D	D	D	D	D	D		
327390	Other concrete product manufacturing	1	17	8	e	D	D	D	D	D	D	D		
3279	Other nonmetallic mineral product manufacturing	—	19	10		1 009	50 900	764	1 515	34 651	263 705	127 443	390 022	D
32799	All other nonmetallic mineral product manufacturing	—	18	10	f	D	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing ..	—	5	4		772	44 007	587	1 233	30 379	242 838	112 403	354 077	D
331	Primary metal manufacturing	—	32	11	g	D	D	D	D	D	D	D	D	D
3315	Foundries	—	22	7	g	D	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	5	4	f	D	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	—	3	2	f	D	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries ..	—	17	3	f	D	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	—	7	2	f	D	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	347	198	i	D	D	D	D	D	D	D	D	D
3321	Forging and stamping	—	13	9	e	D	D	D	D	D	D	D	D	D
33211	Forging and stamping	—	13	9	e	D	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing	1	11	3		292	10 098	173	322	5 089	26 122	19 421	46 246	D
33221	Cutlery and handtool manufacturing	1	11	3		292	10 098	173	322	5 089	26 122	19 421	46 246	D
3323	Architectural and structural metals manufacturing	3	87	38		2 663	99 790	1 865	3 799	57 445	240 546	219 974	456 647	10 021
33231	Plate work and fabricated structural product manufacturing	4	30	14		1 104	43 682	793	1 687	26 271	135 717	109 310	240 372	5 410
332312	Fabricated structural metal manufacturing	5	23	9		686	26 222	511	1 091	15 700	96 867	83 883	179 418	4 484
332313	Plate work manufacturing ..	—	4	2		308	13 610	228	485	8 906	25 354	18 018	40 293	D
33232	Ornamental and architectural metal products manufacturing	1	57	24		1 559	56 108	1 072	2 112	31 174	104 829	110 664	216 275	4 611
332322	Sheet metal work manufacturing	3	28	13		542	17 259	386	724	10 587	30 867	29 715	61 243	1 108
332323	Ornamental and architectural metal work manufacturing ..	—	18	8		788	31 658	521	1 040	16 521	56 332	56 375	112 813	2 731
3324	Boiler, tank, and shipping container manufacturing	—	15	7	f	D	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	10	4		345	14 918	230	486	8 678	59 588	61 457	121 703	D
3326	Spring and wire product manufacturing	3	12	3	e	D	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	3	12	3	e	D	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	3	9	3	e	D	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	135	17	g	D	D	D	D	D	D	D	D	D
33271	Machine shops	2	118	13	g	D	D	D	D	D	D	D	D	D
332710	Machine shops	2	118	13	g	D	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	2	17	4		389	15 386	303	641	10 776	36 022	14 266	52 604	4 925
332721	Precision turned product manufacturing	1	13	3		326	13 115	257	538	9 258	31 031	10 799	44 312	4 678
3328	Coating, engraving, heat treating, and allied activities	1	139	8		1901	133 847	1738	11 472	125 594	77 494	121 890	199 135	14 167
33281	Coating, engraving, heat treating, and allied activities ..	1	139	8		1901	133 847	1738	11 472	125 594	77 494	121 890	199 135	14 167
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	120	4		1620	125 065	1512	11 030	119 737	56 813	115 756	172 574	D

See footnotes at end of table.

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	—	'32	'12	g	D	D	D	D	D	D	D	
33291	Metal valve manufacturing	—	9	3	f	D	D	D	D	D	D	D	
332919	Other metal valve and pipe fitting manufacturing	—	1	1	e	D	D	D	D	D	D	D	
33299	All other fabricated metal product manufacturing	—	'23	'9	g	D	D	D	D	D	D	D	
332992	Small arms ammunition manufacturing	—	1	1	g	D	D	D	D	D	D	D	
332999	All other miscellaneous fabricated metal product manufacturing	1	12	5	e	D	D	D	D	D	D	840	
333	Machinery manufacturing	1	191	72	i	D	D	D	D	D	D	D	
3331	Agriculture, construction, and mining machinery manufacturing	1	23	13	g	D	D	D	D	D	D	D	
33311	Agricultural implement manufacturing	—	9	5	f	D	D	D	D	D	D	D	
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	
33312	Construction machinery manufacturing	1	11	8	f	D	D	D	D	D	D	D	
333120	Construction machinery manufacturing	1	11	8	f	D	D	D	D	D	D	D	
3332	Industrial machinery manufacturing	1	43	13	1 087	53 083	552	1 130	21 002	142 350	111 566	253 881	11 687
33329	Other industrial machinery manufacturing	1	32	10	950	48 571	465	970	18 953	133 293	101 569	234 634	11 396
333294	Food product machinery manufacturing	1	12	6	488	21 114	267	531	9 350	73 329	57 242	130 713	D
333298	All other industrial machinery manufacturing	—	7	4	378	23 685	161	366	8 366	51 700	38 160	89 676	D
3333	Commercial and service industry machinery manufacturing	1	18	5	399	16 653	259	541	7 506	36 155	29 670	65 387	1 183
33331	Commercial and service industry machinery manufacturing	1	18	5	399	16 653	259	541	7 506	36 155	29 670	65 387	1 183
333319	Other commercial and service industry machinery manufacturing	1	11	3	307	13 326	208	446	6 231	30 475	24 884	55 080	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	14	8	947	34 251	661	1 117	18 850	107 979	101 643	211 518	3 130
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	14	8	947	34 251	661	1 117	18 850	107 979	101 643	211 518	3 130
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	5	4	636	23 012	455	760	13 346	68 454	57 858	128 245	D
3335	Metalworking machinery manufacturing	2	28	10	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	2	28	10	f	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing	—	8	3	340	16 882	250	570	9 054	34 562	9 212	44 024	1 598
3339	Other general purpose machinery manufacturing	1	60	22	5 374	282 361	2 396	4 533	97 486	651 130	270 421	856 986	53 331
33391	Pump and compressor manufacturing	—	6	2	487	23 101	196	396	8 028	38 641	47 574	86 385	D
333911	Pump and pumping equipment manufacturing ..	—	4	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	2	23	10	1 139	44 091	733	1 430	22 671	92 705	114 602	207 011	D
333921	Elevator and moving stairway manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	—	12	5	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	31	10	3 748	215 169	1 467	2 707	66 787	519 784	108 245	563 590	D
333999	All other miscellaneous general purpose machinery manufacturing	—	19	5	3 400	200 425	1 267	2 266	61 717	487 803	80 247	503 903	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	-	'99	30	'5 262	'239 149	'2 647	'4 980	'74 303	'575 997	'553 543	'1 113 202	'22 281
3342	Communications equipment manufacturing	-	13	'5	'1 617	'85 418	'605	'1 244	'18 539	'153 921	'122 895	'277 951	D
33429	Other communications equipment manufacturing	-	'5	1	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	-	'5	1	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	'35	'13	'1 060	'36 245	'708	'1 298	'16 992	'74 799	'57 973	'134 215	D
33441	Semiconductor and other electronic component manufacturing	1	'35	'13	'1 060	'36 245	'708	'1 298	'16 992	'74 799	'57 973	'134 215	D
334418	Printed circuit assembly (electronic assembly) manufacturing	4	5	4	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	-	'19	'5	e	D	D	D	D	D	D	D	'1 115
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	28	9	2 307	108 007	1 185	2 102	35 341	327 226	358 307	667 135	12 134
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	28	9	2 307	108 007	1 185	2 102	35 341	327 226	358 307	667 135	12 134
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	-	6	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	39	13	g	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	1	7	3	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	1	7	3	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	2	14	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	2	14	2	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	-	8	2	275	10 458	171	252	3 626	22 310	14 053	36 380	685
3359	Other electrical equipment and component manufacturing	-	17	8	g	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	-	4	3	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	69	22	j	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	4	2	i	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	3	2	i	D	D	D	D	D	D	D	D
336111	Automobile manufacturing ...	-	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	2	1	i	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	41	15	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	11	4	f	D	D	D	D	D	D	D	D
336321	Vehicular lighting equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	10	3	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	3	3	711	34 486	543	1 089	23 628	114 037	374 731	488 734	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	3	3	711	34 486	543	1 089	23 628	114 037	374 731	488 734	D
33639	Other motor vehicle parts manufacturing	5	9	6	g	D	D	D	D	D	D	D	9 995
336399	All other motor vehicle parts manufacturing	5	9	6	g	D	D	D	D	D	D	D	9 995

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing—Con.												
3364	Aerospace product and parts manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	'145	'34	h	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	'104	'17	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ...	3	'78	'12	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	3	'78	'12	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	5	26	5	351	8 913	278	540	5 951	16 522	15 631	32 193	602
3372	Office furniture (including fixtures) manufacturing	1	32	13	884	26 573	646	1 184	15 953	55 277	41 373	96 854	2 229
33721	Office furniture (including fixtures) manufacturing	1	32	13	884	26 573	646	1 184	15 953	55 277	41 373	96 854	2 229
337212	Custom architectural woodwork and millwork manufacturing	—	14	8	320	10 770	202	359	5 738	20 846	14 683	35 679	D
337215	Showcase, partition, shelving, and locker manufacturing	—	8	2	288	6 860	249	423	5 118	7 440	13 667	21 200	D
3379	Other furniture related product manufacturing	4	9	4	319	10 557	245	499	6 558	41 416	26 300	67 722	302
33791	Mattress manufacturing	4	5	3	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	4	5	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	'198	51	h	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	1	74	24	1 548	51 534	1 103	2 117	29 118	114 416	48 651	162 850	D
33911	Medical equipment and supplies manufacturing	1	74	24	1 548	51 534	1 103	2 117	29 118	114 416	48 651	162 850	D
339113	Surgical appliance and supplies manufacturing	—	11	6	370	11 265	246	464	4 813	32 743	17 344	50 184	705
339116	Dental laboratories	1	46	12	701	22 185	563	1 097	16 861	40 660	7 923	48 668	838
3399	Other miscellaneous manufacturing	2	'124	27	g	D	D	D	D	D	D	D	D
33995	Sign manufacturing	5	'40	8	'708	'28 674	'499	'1 004	'16 297	'55 306	'33 540	'89 004	'1 760
339950	Sign manufacturing	5	'40	8	'708	'28 674	'499	'1 004	'16 297	'55 306	'33 540	'89 004	'1 760
33999	All other miscellaneous manufacturing	—	52	15	g	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	—	37	9	773	19 507	482	923	10 583	35 447	39 751	75 678	1 674
Atchison, KS Micropolitan Statistical Area													
31-33	Manufacturing	—	22	10	1 671	57 370	1 299	2 630	42 413	147 311	174 251	321 397	17 160
311	Food manufacturing	—	4	3	409	19 036	281	591	9 952	51 906	94 751	146 434	D
3112	Grain and oilseed milling	—	2	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	1	1	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	1	1	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
Kansas City, MO-KS Metropolitan Statistical Area													
31-33	Manufacturing	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
311	Food manufacturing	3	168	67	8 100	298 036	5 422	11 158	170 306	1 952 625	1 883 076	3 827 544	65 962
3111	Animal food manufacturing	2	16	8	330	12 998	224	510	7 519	48 896	77 870	124 007	2 627
31111	Animal food manufacturing	2	16	8	330	12 998	224	510	7 519	48 896	77 870	124 007	2 627
3112	Grain and oilseed milling	—	14	8	1 016	44 494	766	1 647	29 154	399 900	632 941	1 031 574	17 988
31121	Flour milling and malt manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
311211	Flour milling	—	5	3	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	6	4	514	22 372	390	772	14 180	220 696	446 255	668 595	12 722
3115	Dairy product manufacturing	2	9	3	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	3	6	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	20	8	1 140	33 621	955	2 050	24 301	110 574	217 778	328 109	5 869
31161	Animal slaughtering and processing	1	20	8	1 140	33 621	955	2 050	24 301	110 574	217 778	328 109	5 869
311612	Meat processed from carcasses	—	4	2	283	8 515	228	439	5 113	57 869	17 732	75 399	D
311615	Poultry processing	—	3	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	4	56	17	2 402	86 537	1 464	2 873	49 339	466 920	251 997	719 100	15 898
31181	Bread and bakery product manufacturing	—	47	10	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	13	6	1 037	33 912	400	774	11 996	76 315	21 992	98 387	1 202
31182	Cookie, cracker, and pasta manufacturing	5	7	6	1 089	47 573	906	1 867	35 012	381 113	225 595	606 827	D
311821	Cookie and cracker manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
311823	Dry pasta manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	5	37	21	2 550	96 585	1 600	3 193	47 092	868 343	598 044	1 463 172	19 974
31191	Snack food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	5	10	8	f	D	D	D	D	D	D	D	12 252
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	6	4	4	e	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	4	6	4	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	8	21	9	g	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	9	12	4	602	23 891	364	750	12 045	469 179	123 402	592 406	D
312	Beverage and tobacco product manufacturing	1	14	6	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	1	13	6	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	8	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
312112	Bottled water manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	3	34	4	256	5 987	188	313	3 554	11 974	11 628	23 520	228
315	Apparel manufacturing	6	30	8	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	6	27	6	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	9	20	3	581	8 827	536	928	7 359	12 526	2 392	14 920	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	15	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	52	14	800	20 178	596	1 168	13 226	45 417	75 105	119 840	D
3219	Other wood product manufacturing	2	42	10	573	14 238	416	788	9 000	30 447	29 105	59 442	1 171

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.												
	Kansas City, MO-KS Metropolitan Statistical Area—Con.												
322	Paper manufacturing	1	56	39	5 029	181 421	3 974	8 050	127 100	433 757	705 085	1 131 000	22 681
3221	Pulp, paper, and paperboard mills	—	4	3	e	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	2	2	e	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	2	2	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	52	36	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	24	21	2 368	90 856	1 854	3 819	62 811	221 598	370 801	592 626	D
322211	Corrugated and solid fiber box manufacturing	1	15	13	1 386	53 259	1 012	2 171	32 594	133 478	258 056	391 832	5 052
322212	Folding paperboard box manufacturing	1	4	4	780	31 917	673	1 302	26 157	68 930	92 581	160 642	D
32222	Paper bag and coated and treated paper manufacturing ..	—	11	8	994	32 352	788	1 577	21 042	95 920	145 711	244 110	D
322224	Uncoated paper and multiwall bag manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	14	6	979	33 231	795	1 550	26 112	56 857	90 525	145 712	4 808
322232	Envelope manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	353	78	9 650	365 112	6 560	13 003	207 928	786 882	571 805	1 361 976	43 024
3231	Printing and related support activities	1	353	78	9 650	365 112	6 560	13 003	207 928	786 882	571 805	1 361 976	43 024
32311	Printing	1	309	69	9 173	348 251	6 232	12 352	197 298	757 058	562 949	1 323 478	39 490
323110	Commercial lithographic printing	1	142	36	3 946	163 383	2 817	5 681	96 591	369 209	259 646	629 267	14 359
323112	Commercial flexographic printing	1	13	8	657	26 418	431	831	14 803	56 537	79 746	136 996	3 872
323113	Commercial screen printing ..	—	37	8	2 074	73 969	1 348	2 547	37 559	132 344	126 837	260 651	6 342
323114	Quick printing	1	63	5	1 080	34 879	715	1 435	19 652	87 667	16 713	104 617	8 487
323116	Manifold business forms printing	—	8	3	860	31 077	530	1 196	17 729	73 848	56 748	131 632	D
32312	Support activities for printing ..	1	44	9	477	16 861	328	651	10 630	29 824	8 856	38 498	3 534
323122	Prepress services	1	29	6	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	2	18	7	e	D	D	D	D	D	D	D	15 384
3241	Petroleum and coal products manufacturing	2	18	7	e	D	D	D	D	D	D	D	15 384
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	15	5	e	D	D	D	D	D	D	D	D
324121	Asphalt paving mixture and block manufacturing	1	13	3	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	101	57	7 239	370 495	3 451	7 401	143 107	4 149 798	1 400 558	5 570 939	99 875
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	22	13	2 418	121 262	851	1 894	35 130	2 709 159	274 372	2 955 850	26 227
32541	Pharmaceutical and medicine manufacturing	—	22	13	2 418	121 262	851	1 894	35 130	2 709 159	274 372	2 955 850	26 227
325412	Pharmaceutical preparation manufacturing	—	13	6	1 655	87 883	528	1 261	25 334	2 630 201	227 545	2 836 016	D
325413	In-vitro diagnostic substance manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	6	7	5	e	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	1	20	9	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	11	4	378	13 526	206	454	5 886	89 120	91 560	181 007	3 218
325510	Paint and coating manufacturing	—	11	4	378	13 526	206	454	5 886	89 120	91 560	181 007	3 218
32552	Adhesive manufacturing	2	9	5	f	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	2	9	5	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
Kansas City, MO-KS Metropolitan Statistical Area—Con.													
325 3256	Chemical manufacturing—Con. Soap, cleaning compound, and toilet preparation manufacturing .	—	21	11	1 129	55 234	807	1 756	37 812	597 203	542 482	1 152 115	46 807
32561	Soap and cleaning compound manufacturing	—	19	10	g	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	—	11	5	675	40 514	529	1 237	31 585	535 733	420 111	962 032	D
3259	Other chemical product and preparation manufacturing	—	21	12	f	D	D	D	D	D	D	D	D
32591	Printing ink manufacturing	—	11	8	f	D	D	D	D	D	D	D	3 209
325910	Printing ink manufacturing	—	11	8	f	D	D	D	D	D	D	D	3 209
32599	All other chemical product and preparation manufacturing ...	—	10	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	112	54	5 375	177 418	4 254	8 753	120 988	504 786	530 182	1 026 708	66 465
3261	Plastics product manufacturing ..	1	96	49	4 934	161 843	3 919	8 136	110 072	449 796	497 063	939 671	62 585
32611	Plastics packaging materials and un laminated film and sheet manufacturing	3	12	7	e	D	D	D	D	D	D	D	9 744
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	—	8	4	551	20 868	454	988	15 762	39 802	136 463	173 639	D
326121	Un laminated plastics profile shape manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	1	7	4	327	9 617	254	566	5 296	30 002	22 882	52 885	1 837
326140	Polystyrene foam product manufacturing	1	7	4	327	9 617	254	566	5 296	30 002	22 882	52 885	1 837
32616	Plastics bottle manufacturing ..	1	7	6	561	17 492	467	944	13 046	72 530	61 308	131 121	6 022
326160	Plastics bottle manufacturing	1	7	6	561	17 492	467	944	13 046	72 530	61 308	131 121	6 022
32619	Other plastics product manufacturing	1	58	26	2 876	89 363	2 269	4 664	59 759	248 687	195 793	442 477	24 963
326191	Plastics plumbing fixture manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	53	24	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	2	16	5	441	15 575	335	617	10 916	54 990	33 119	87 037	3 880
327	Nonmetallic mineral product manufacturing	2	113	46	3 244	132 201	2 463	4 959	90 736	532 128	315 435	844 101	40 012
3272	Glass and glass product manufacturing	—	18	3	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	18	3	e	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	3	68	33	1 706	62 636	1 288	2 577	42 180	187 677	149 478	333 633	13 705
32732	Ready-mix concrete manufacturing	5	40	17	853	31 582	686	1 421	24 383	82 658	99 865	182 548	7 744
327320	Ready-mix concrete manufacturing	5	40	17	853	31 582	686	1 421	24 383	82 658	99 865	182 548	7 744
32733	Concrete pipe, brick, and block manufacturing	1	10	6	e	D	D	D	D	D	D	D	1 616
32739	Other concrete product manufacturing	1	16	8	381	12 050	265	492	7 071	31 568	10 541	42 105	D
327390	Other concrete product manufacturing	1	16	8	381	12 050	265	492	7 071	31 568	10 541	42 105	D
3279	Other nonmetallic mineral product manufacturing	—	19	10	1 009	50 900	764	1 515	34 651	263 705	127 443	390 022	D
32799	All other nonmetallic mineral product manufacturing	—	18	10	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing .	—	5	4	772	44 007	587	1 233	30 379	242 838	112 403	354 077	D
331	Primary metal manufacturing	—	28	7	f	D	D	D	D	D	D	D	2 466
3315	Foundries	1	19	4	e	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	4	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
	KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.												
	Kansas City, MO-KS Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing	1	339	'97	'8 762	'339 228	'6 333	'12 460	'212 765	'837 118	'571 635	'1 412 422	'35 549
3321	Forging and stamping.....	—	12	8	408	14 327	269	584	7 049	26 006	60 130	86 231	2 120
33211	Forging and stamping.....	—	12	8	408	14 327	269	584	7 049	26 006	60 130	86 231	2 120
3322	Cutlery and handtool manufacturing	1	11	3	292	10 098	173	322	5 089	26 122	19 421	46 246	D
33221	Cutlery and handtool manufacturing	1	11	3	292	10 098	173	322	5 089	26 122	19 421	46 246	D
3323	Architectural and structural metals manufacturing	3	87	38	2 663	99 790	1 865	3 799	57 445	240 546	219 974	456 647	10 021
33231	Plate work and fabricated structural product manufacturing	4	30	14	1 104	43 682	793	1 687	26 271	135 717	109 310	240 372	5 410
332312	Fabricated structural metal manufacturing	5	23	9	686	26 222	511	1 091	15 700	96 867	83 883	179 418	4 484
332313	Plate work manufacturing	—	4	2	308	13 610	228	485	8 906	25 354	18 018	40 293	D
33232	Ornamental and architectural metal products manufacturing	1	57	24	1 559	56 108	1 072	2 112	31 174	104 829	110 664	216 275	4 611
332322	Sheet metal work manufacturing	3	28	13	542	17 259	386	724	10 587	30 867	29 715	61 243	1 108
332323	Ornamental and architectural metal work manufacturing ..	—	18	8	788	31 658	521	1 040	16 521	56 332	56 375	112 813	2 731
3324	Boiler, tank, and shipping container manufacturing	—	14	7	552	23 816	361	760	12 710	78 062	101 037	177 757	3 449
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	10	4	345	14 918	230	486	8 678	59 588	61 457	121 703	D
3326	Spring and wire product manufacturing	3	12	3	e	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	3	12	3	e	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	3	9	3	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	131	17	1 464	54 551	1 083	2 103	37 578	103 152	41 156	148 834	10 995
33271	Machine shops	1	114	13	1 075	39 165	780	1 462	26 802	67 130	26 890	96 230	6 070
332710	Machine shops	1	114	13	1 075	39 165	780	1 462	26 802	67 130	26 890	96 230	6 070
33272	Turned product and screw, nut, and bolt manufacturing	2	17	4	389	15 386	303	641	10 776	36 022	14 266	52 604	4 925
332721	Precision turned product manufacturing	1	13	3	326	13 115	257	538	9 258	31 031	10 799	44 312	4 678
3328	Coating, engraving, heat treating, and allied activities	1	'39	8	'901	'33 847	'738	'1 472	'25 594	'77 494	'21 890	'99 135	'4 167
33281	Coating, engraving, heat treating, and allied activities ..	1	'39	8	'901	'33 847	'738	'1 472	'25 594	'77 494	'21 890	'99 135	'4 167
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	'20	4	'620	'25 065	'512	'1 030	'19 737	'56 813	'15 756	'72 574	D
3329	Other fabricated metal product manufacturing	—	'30	'12	'2 132	'92 857	'1 556	'2 805	'60 558	'261 078	'86 605	'351 226	3 187
33291	Metal valve manufacturing	—	8	3	538	23 941	269	276	9 312	21 754	57 343	82 129	D
332919	Other metal valve and pipe fitting manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	'22	'9	'1 594	'68 916	'1 287	'2 529	'51 246	'239 324	'29 262	'269 097	D
332992	Small arms ammunition manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	1	12	5	e	D	D	D	D	D	D	D	840
333	Machinery manufacturing	1	187	70	9 627	469 834	4 970	9 689	183 411	1 116 074	707 516	1 761 427	75 228
3331	Agriculture, construction, and mining machinery manufacturing	1	20	11	915	38 304	587	1 244	18 257	99 975	143 261	244 039	D
33311	Agricultural implement manufacturing	1	7	4	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	1	10	7	589	26 314	359	745	11 944	74 292	114 822	190 246	1 330
333120	Construction machinery manufacturing	1	10	7	589	26 314	359	745	11 944	74 292	114 822	190 246	1 330

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
Kansas City, MO-KS Metropolitan Statistical Area—Con.													
333	Machinery manufacturing—Con.												
3332	Industrial machinery manufacturing	1	43	13	1 087	53 083	552	1 130	21 002	142 350	111 566	253 881	11 687
33329	Other industrial machinery manufacturing	1	32	10	950	48 571	465	970	18 953	133 293	101 569	234 634	11 396
333294	Food product machinery manufacturing	1	12	6	488	21 114	267	531	9 350	73 329	57 242	130 713	D
333298	All other industrial machinery manufacturing	—	7	4	378	23 685	161	366	8 366	51 700	38 160	89 676	D
3333	Commercial and service industry machinery manufacturing	1	18	5	399	16 653	259	541	7 506	36 155	29 670	65 387	1 183
33331	Commercial and service industry machinery manufacturing	1	18	5	399	16 653	259	541	7 506	36 155	29 670	65 387	1 183
333319	Other commercial and service industry machinery manufacturing	1	11	3	307	13 326	208	446	6 231	30 475	24 884	55 080	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	14	8	947	34 251	661	1 117	18 850	107 979	101 643	211 518	3 130
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	14	8	947	34 251	661	1 117	18 850	107 979	101 643	211 518	3 130
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	5	4	636	23 012	455	760	13 346	68 454	57 858	128 245	D
3335	Metalworking machinery manufacturing	2	27	10	844	42 627	470	1 035	18 593	72 837	48 159	121 305	3 191
33351	Metalworking machinery manufacturing	2	27	10	844	42 627	470	1 035	18 593	72 837	48 159	121 305	3 191
333511	Industrial mold manufacturing	—	8	3	340	16 882	250	570	9 054	34 562	9 212	44 024	1 598
3339	Other general purpose machinery manufacturing	1	60	22	5 374	282 361	2 396	4 533	97 486	651 130	270 421	856 986	53 331
33391	Pump and compressor manufacturing	—	6	2	487	23 101	196	396	8 028	38 641	47 574	86 385	D
333911	Pump and pumping equipment manufacturing ..	—	4	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	2	23	10	1 139	44 091	733	1 430	22 671	92 705	114 602	207 011	D
333921	Elevator and moving stairway manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	—	12	5	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	31	10	3 748	215 169	1 467	2 707	66 787	519 784	108 245	563 590	D
333999	All other miscellaneous general purpose machinery manufacturing	—	19	5	3 400	200 425	1 267	2 266	61 717	487 803	80 247	503 903	D
334	Computer and electronic product manufacturing	—	'99	30	'5 262	'239 149	'2 647	'4 980	'74 303	'575 997	'553 543	'1 113 202	'22 281
3342	Communications equipment manufacturing	—	13	'5	'1 617	'85 418	'605	'1 244	'18 539	'153 921	'122 895	'277 951	D
33429	Other communications equipment manufacturing	—	'5	1	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	'5	1	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	'35	'13	'1 060	'36 245	'708	'1 298	'16 992	'74 799	'57 973	'134 215	D
33441	Semiconductor and other electronic component manufacturing	1	'35	'13	'1 060	'36 245	'708	'1 298	'16 992	'74 799	'57 973	'134 215	D
334418	Printed circuit assembly (electronic assembly) manufacturing	4	5	4	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	'19	'5	e	D	D	D	D	D	D	D	'1 115
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	28	9	2 307	108 007	1 185	2 102	35 341	327 226	358 307	667 135	12 134

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.												
	Kansas City, MO-KS Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing—Con.												
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	28	9	2 307	108 007	1 185	2 102	35 341	327 226	358 307	667 135	12 134
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	6	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	38	12	1 936	73 518	1 455	2 945	44 573	164 291	170 024	331 069	D
3351	Electric lighting equipment manufacturing	1	7	3	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing . .	1	7	3	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	2	14	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	2	14	2	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	—	8	2	275	10 458	171	252	3 626	22 310	14 053	36 380	685
3359	Other electrical equipment and component manufacturing	—	16	7	1 194	48 564	920	1 964	31 976	109 960	129 002	236 099	D
33591	Battery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing . . .	—	4	3	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	68	21	11 682	716 377	10 180	21 240	616 018	3 562 489	8 734 620	12 289 945	161 660
3361	Motor vehicle manufacturing	—	4	2	i	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	3	2	i	D	D	D	D	D	D	D	D
336111	Automobile manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	i	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	40	14	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	10	3	f	D	D	D	D	D	D	D	3 496
336321	Vehicular lighting equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	—	3	3	711	34 486	543	1 089	23 628	114 037	374 731	488 734	D
336360	Motor vehicle seating and interior trim manufacturing . .	—	3	3	711	34 486	543	1 089	23 628	114 037	374 731	488 734	D
33639	Other motor vehicle parts manufacturing	5	9	6	g	D	D	D	D	D	D	D	9 995
336399	All other motor vehicle parts manufacturing	5	9	6	g	D	D	D	D	D	D	D	9 995
3364	Aerospace product and parts manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	4	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KANSAS CITY-OVERLAND PARK-KANSAS CITY, MO-KS COMBINED STATISTICAL AREA—Con.													
Kansas City, MO-KS Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing	3	'141	'34	'2 734	'80 886	'2 073	'3 927	'50 999	'171 202	'113 918	'285 028	8 727
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	'100	'17	'1 531	'43 756	'1 182	'2 244	'28 488	'74 509	'46 245	'120 452	6 196
33711	Wood kitchen cabinet and countertop manufacturing	3	'74	'12	'1 180	'34 843	'904	'1 704	'22 537	'57 987	'30 614	'88 259	5 594
337110	Wood kitchen cabinet and countertop manufacturing ..	3	'74	'12	'1 180	'34 843	'904	'1 704	'22 537	'57 987	'30 614	'88 259	5 594
33712	Household and institutional furniture manufacturing	5	26	5	351	8 913	278	540	5 951	16 522	15 631	32 193	602
3372	Office furniture (including fixtures) manufacturing	1	32	13	884	26 573	646	1 184	15 953	55 277	41 373	96 854	2 229
33721	Office furniture (including fixtures) manufacturing	1	32	13	884	26 573	646	1 184	15 953	55 277	41 373	96 854	2 229
337212	Custom architectural woodwork and millwork manufacturing	—	14	8	320	10 770	202	359	5 738	20 846	14 683	35 679	D
337215	Showcase, partition, shelving, and locker manufacturing	—	8	2	288	6 860	249	423	5 118	7 440	13 667	21 200	D
3379	Other furniture related product manufacturing	4	9	4	319	10 557	245	499	6 558	41 416	26 300	67 722	302
33791	Mattress manufacturing	4	5	3	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	4	5	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	'195	49	'3 695	'120 154	'2 524	'4 846	'67 035	'269 888	'161 724	'430 617	'7 969
3391	Medical equipment and supplies manufacturing	1	74	24	1 548	51 534	1 103	2 117	29 118	114 416	48 651	162 850	D
33911	Medical equipment and supplies manufacturing	1	74	24	1 548	51 534	1 103	2 117	29 118	114 416	48 651	162 850	D
339113	Surgical appliance and supplies manufacturing	—	11	6	370	11 265	246	464	4 813	32 743	17 344	50 184	705
339116	Dental laboratories	1	46	12	701	22 185	563	1 097	16 861	40 660	7 923	48 668	838
3399	Other miscellaneous manufacturing	2	'121	25	'2 147	'68 620	'1 421	'2 729	'37 917	'155 472	'113 073	'267 767	D
33995	Sign manufacturing	5	'40	8	'708	'28 674	'499	'1 004	'16 297	'55 306	'33 540	'89 004	'1 760
339950	Sign manufacturing	5	'40	8	'708	'28 674	'499	'1 004	'16 297	'55 306	'33 540	'89 004	'1 760
33999	All other miscellaneous manufacturing	—	50	13	1 102	29 611	714	1 350	16 534	63 287	59 052	122 852	D
339999	All other miscellaneous manufacturing	—	37	9	773	19 507	482	923	10 583	35 447	39 751	75 678	1 674
Warrensburg, MO Micropolitan Statistical Area													
31-33	Manufacturing	—	29	7	1 576	45 706	1 134	1 679	26 531	107 704	63 717	171 033	3 661
331	Primary metal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	2	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting).....	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA												
31-33	Manufacturing	-	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
311	Food manufacturing	1	229	80	i	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	1	11	4	e	D	D	D	D	D	D	D	2 443
31111	Animal food manufacturing	1	11	4	e	D	D	D	D	D	D	D	2 443
3112	Grain and oilseed milling	-	9	6	e	D	D	D	D	D	D	D	3 666
31121	Flour milling and malt	-	5	4	274	12 095	217	505	8 991	143 907	283 140	427 855	2 638
311211	Flour milling	-	5	4	274	12 095	217	505	8 991	143 907	283 140	427 855	2 638
3113	Sugar and confectionery product manufacturing	-	14	7	900	28 952	715	1 302	20 655	79 821	66 338	146 853	6 524
31134	Nonchocolate confectionery manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	4	19	9	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	2	11	6	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	2	11	6	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	13	9	1 024	41 264	737	1 620	27 205	88 998	304 586	394 454	5 909
31151	Dairy product (except frozen) manufacturing	-	9	7	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	5	4	516	19 980	361	850	12 505	43 713	128 219	171 770	4 019
3116	Animal slaughtering and processing	2	39	10	788	23 533	638	1 250	17 023	80 296	92 466	172 106	D
31161	Animal slaughtering and processing	2	39	10	788	23 533	638	1 250	17 023	80 296	92 466	172 106	D
311612	Meat processed from carcasses	1	19	6	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	94	24	h	D	D	D	D	D	D	D	8 450
31181	Bread and bakery product manufacturing	1	87	20	h	D	D	D	D	D	D	D	5 740
311811	Retail bakeries	5	55	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	29	10	1 819	58 957	1 009	2 268	30 589	207 677	59 722	267 278	4 585
31182	Cookie, cracker, and pasta manufacturing	-	7	4	551	24 154	390	825	15 307	75 596	100 866	172 531	2 710
3119	Other food manufacturing	4	30	11	893	31 174	698	1 343	19 137	251 134	134 628	382 673	7 913
31199	All other food manufacturing ...	1	16	5	348	8 921	297	494	6 613	91 190	44 422	135 574	1 937
312	Beverage and tobacco product manufacturing	-	24	11	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	24	11	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	14	8	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	8	5	g	D	D	D	D	D	D	D	D
31212	Breweries	-	3	2	g	D	D	D	D	D	D	D	D
312120	Breweries	-	3	2	g	D	D	D	D	D	D	D	D
314	Textile product mills	2	69	11	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	2	26	2	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	2	26	2	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	2	43	9	f	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	2	24	5	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	2	24	5	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	46	9	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	5	29	5	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	6	21	2	693	11 079	630	1 109	8 603	22 989	3 764	26 607	D
315212	Women's, girls', and infants' cut and sew apparel contractors	6	17	2	682	10 885	621	1 092	8 437	22 641	3 726	26 221	D
31522	Men's and boys' cut and sew apparel manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	1	17	4	478	13 619	346	648	6 336	35 304	25 273	60 324	D
31599	Apparel accessories and other apparel manufacturing	1	17	4	478	13 619	346	648	6 336	35 304	25 273	60 324	D

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
316	Leather and allied product manufacturing	3	20	6	g	D	D	D	D	D	D	D	
3162	Footwear manufacturing	4	5	3	f	D	D	D	D	D	D	D	
31621	Footwear manufacturing	4	5	3	f	D	D	D	D	D	D	D	
316213	Men's footwear (except athletic) manufacturing	4	2	2	f	D	D	D	D	D	D	D	
3169	Other leather and allied product manufacturing	2	12	2	e	D	D	D	D	D	D	D	
31699	Other leather and allied product manufacturing	2	12	2	e	D	D	D	D	D	D	D	
321	Wood product manufacturing	2	84	20	1 190	32 728	955	1 856	21 712	75 914	91 140	166 913	
3212	Veneer, plywood, and engineered wood product manufacturing	1	13	7	e	D	D	D	D	D	D	D	
32121	Veneer, plywood, and engineered wood product manufacturing	1	13	7	e	D	D	D	D	D	D	D	
321214	Truss manufacturing	-	10	7	e	D	D	D	D	D	D	D	
3219	Other wood product manufacturing	4	57	10	f	D	D	D	D	D	D	D	
32192	Wood container and pallet manufacturing	-	19	6	e	D	D	D	D	D	D	D	
321920	Wood container and pallet manufacturing	-	19	6	e	D	D	D	D	D	D	D	
322	Paper manufacturing	1	66	45	h	D	D	D	D	D	D	D	
3222	Converted paper product manufacturing	1	65	44	h	D	D	D	D	D	D	D	
32221	Paperboard container manufacturing	-	37	25	g	D	D	D	D	D	D	D	
322211	Corrugated and solid fiber box manufacturing	1	27	18	g	D	D	D	D	D	D	D	
322212	Folding paperboard box manufacturing	-	7	4	465	19 891	375	819	15 076	47 267	50 215	94 989	
32222	Paper bag and coated and treated paper manufacturing ..	2	10	7	779	30 889	662	1 536	23 409	69 054	119 608	188 040	
322222	Coated and laminated paper manufacturing	3	5	4	427	19 880	353	816	15 269	45 009	82 278	126 605	
32223	Stationery product manufacturing	-	9	7	f	D	D	D	D	D	D	D	
322231	Die-cut paper and paperboard office supplies manufacturing	-	3	2	e	D	D	D	D	D	D	D	
322232	Envelope manufacturing	-	5	5	f	D	D	D	D	D	D	D	
32229	Other converted paper product manufacturing	3	9	5	e	D	D	D	D	D	D	D	
322299	All other converted paper product manufacturing	3	9	5	e	D	D	D	D	D	D	D	
323	Printing and related support activities	2	483	'106	'8 369	'325 425	'5 729	'11 264	'193 167	'754 445	'430 426	'1 175 575	'38 950
3231	Printing and related support activities	2	483	'106	'8 369	'325 425	'5 729	'11 264	'193 167	'754 445	'430 426	'1 175 575	'38 950
32311	Printing	2	431	'92	i	D	D	D	D	D	D	D	
323110	Commercial lithographic printing	2	'185	47	'3 794	'160 969	'2 543	'5 019	'95 727	'336 892	'197 346	'533 788	'18 979
323112	Commercial flexographic printing	3	23	8	501	19 409	353	723	11 024	48 134	41 476	89 953	6 850
323113	Commercial screen printing ..	1	50	10	702	20 163	570	1 060	12 993	49 709	40 746	84 119	1 634
323114	Quick printing	3	92	3	e	D	D	D	D	D	D	D	
323115	Digital printing	2	'16	'8	'428	'20 176	'279	'551	'12 319	'42 977	'10 850	'53 860	D
323116	Manifold business forms printing	-	14	7	707	25 207	393	835	12 168	91 673	75 905	165 939	5 657
323118	Blankbook, looseleaf binders, and devices manufacturing ..	-	7	4	392	9 835	302	549	6 294	30 846	18 059	47 609	D
32312	Support activities for printing ..	1	52	14	g	D	D	D	D	D	D	D	
323121	Tradebinding and related work	-	17	6	e	D	D	D	D	D	D	D	
323122	Prepress services	1	35	8	765	35 813	470	917	20 393	87 525	12 574	100 071	1 603
324	Petroleum and coal products manufacturing	-	37	10	g	D	D	D	D	D	D	D	
3241	Petroleum and coal products manufacturing	-	37	10	g	D	D	D	D	D	D	D	
32411	Petroleum refineries	-	3	3	f	D	D	D	D	D	D	D	
324110	Petroleum refineries	-	3	3	f	D	D	D	D	D	D	D	
32419	Other petroleum and coal products manufacturing	-	16	5	e	D	D	D	D	D	D	D	
324191	Petroleum lubricating oil and grease manufacturing	-	16	5	e	D	D	D	D	D	D	D	

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ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.													
325	Chemical manufacturing	1	191	90	j	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	1	30	21	2 043	118 236	1 339	2 814	71 752	495 815	480 797	979 786	24 511
32513	Synthetic dye and pigment manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	1	4	4	e	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	4	8	7	400	23 941	284	541	16 614	156 451	130 601	287 552	D
325188	All other basic inorganic chemical manufacturing	4	8	7	400	23 941	284	541	16 614	156 451	130 601	287 552	D
32519	Other basic organic chemical manufacturing	—	12	8	887	53 443	543	1 188	29 635	181 905	230 561	416 263	9 478
325199	All other basic organic chemical manufacturing	—	10	7	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	9	5	g	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	6	4	629	35 707	257	552	8 747	187 345	227 680	415 340	6 616
325320	Pesticide and other agricultural chemical manufacturing	—	6	4	629	35 707	257	552	8 747	187 345	227 680	415 340	6 616
3254	Pharmaceutical and medicine manufacturing	2	35	18	4 248	217 306	1 995	4 004	77 553	1 516 896	542 266	2 081 843	142 869
32541	Pharmaceutical and medicine manufacturing	2	35	18	4 248	217 306	1 995	4 004	77 553	1 516 896	542 266	2 081 843	142 869
325412	Pharmaceutical preparation manufacturing	2	19	13	3 234	163 580	1 510	3 128	62 208	1 314 261	437 399	1 775 148	121 611
325413	In-vitro diagnostic substance manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	34	13	f	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	28	10	821	39 349	437	897	15 615	178 599	183 330	364 096	3 234
325510	Paint and coating manufacturing	—	28	10	821	39 349	437	897	15 615	178 599	183 330	364 096	3 234
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	48	15	g	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	—	39	12	g	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	—	24	7	g	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	4	15	5	678	27 884	410	884	11 567	118 929	67 829	186 504	7 809
32562	Toilet preparation manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	3	32	15	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	4	27	13	f	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	5	16	6	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	155	84	9 949	329 396	7 554	15 126	214 725	722 029	790 890	1 528 888	D
3261	Plastics product manufacturing ..	2	124	69	i	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	1	17	11	1 548	61 549	1 179	2 481	42 137	140 437	188 266	331 592	8 761
326111	Plastics bag manufacturing ..	—	3	3	e	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	3	12	6	760	29 962	625	1 331	21 772	68 905	95 589	164 062	5 737
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	—	7	5	e	D	D	D	D	D	D	D	958
32616	Plastics bottle manufacturing ..	—	7	5	610	22 043	531	1 017	17 051	61 546	54 797	115 316	7 173
326160	Plastics bottle manufacturing	—	7	5	610	22 043	531	1 017	17 051	61 546	54 797	115 316	7 173

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	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32619	Other plastics product manufacturing	2	81	41	h	D	D	D	D	D	D	D	D
326191	Plastics plumbing fixture manufacturing	1	13	4	279	8 714	179	368	4 509	16 432	7 230	23 601	534
326199	All other plastics product manufacturing	2	68	37	h	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	31	15	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	11	4	e	D	D	D	D	D	D	D	D
326212	Tire retreading	—	7	3	282	8 497	152	317	3 785	18 317	24 749	43 159	D
32629	Other rubber product manufacturing	—	18	10	g	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	—	4	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	—	14	9	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	163	54	4 113	156 684	3 144	5 960	108 779	419 834	359 796	789 455	34 466
3272	Glass and glass product manufacturing	3	15	5	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	3	15	5	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	118	40	h	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	2	74	28	g	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	2	74	28	g	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing	—	10	5	391	17 731	215	486	7 267	36 300	27 001	63 675	2 400
327332	Concrete pipe manufacturing	—	6	4	264	12 233	152	345	5 183	21 138	14 948	36 754	1 349
32739	Other concrete product manufacturing	2	33	6	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	2	33	6	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	1	21	5	e	D	D	D	D	D	D	D	5 220
32799	All other nonmetallic mineral product manufacturing	2	20	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	1	66	39	9 812	433 651	7 764	15 846	320 116	1 121 516	1 406 286	2 537 075	67 843
3311	Iron and steel mills and ferroalloy manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	5	5	h	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	1	12	6	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	7	2	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	6	3	e	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	6	3	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	13	6	3 227	147 188	2 549	5 162	104 800	222 767	520 325	740 297	D
33141	Nonferrous metal (except aluminum) smelting and refining	—	4	2	f	D	D	D	D	D	D	D	D
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	—	4	2	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	2	2	h	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	2	2	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.													
331	Primary metal manufacturing—Con.												
3315	Foundries	5	30	19	2 872	111 977	2 257	5 060	83 803	309 788	182 417	493 721	D
33151	Ferrous metal foundries	1	13	7	g	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	—	6	3	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	7	17	12	g	D	D	D	D	D	D	D	D
331521	Aluminum die-casting foundries	2	6	4	361	11 643	279	606	7 622	30 433	14 741	45 381	D
331524	Aluminum foundries (except die-casting)	9	5	4	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	564	156	j	D	D	D	D	D	D	D	D
3321	Forging and stamping	1	35	14	990	36 938	696	1 280	23 584	62 976	63 385	129 738	5 712
33211	Forging and stamping	1	35	14	990	36 938	696	1 280	23 584	62 976	63 385	129 738	5 712
332116	Metal stamping	—	21	9	653	25 039	425	688	15 069	49 228	35 870	85 369	4 226
3322	Cutlery and handtool manufacturing	2	19	7	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	2	19	7	e	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	3	16	5	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	95	30	h	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	1	46	23	h	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing	7	5	3	267	10 347	153	301	4 454	67 203	31 999	101 383	D
332312	Fabricated structural metal manufacturing	—	35	19	h	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	2	49	7	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	1	26	4	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	12	5	373	15 989	297	610	11 590	66 544	117 841	185 373	2 008
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	—	24	7	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	—	24	7	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	17	6	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	236	47	h	D	D	D	D	D	D	D	D
33271	Machine shops	2	191	28	g	D	D	D	D	D	D	D	D
332710	Machine shops	2	191	28	g	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	1	45	19	1 399	45 987	1 048	1 959	32 902	99 372	58 051	156 740	3 975
332721	Precision turned product manufacturing	—	34	13	1 110	34 737	834	1 516	25 698	70 750	42 748	112 688	3 066
332722	Bolt, nut, screw, rivet, and washer manufacturing	4	11	6	289	11 250	214	443	7 204	28 622	15 303	44 052	909
3328	Coating, engraving, heat treating, and allied activities	—	73	21	g	D	D	D	D	D	D	D	11 115
33281	Coating, engraving, heat treating, and allied activities ..	—	73	21	g	D	D	D	D	D	D	D	11 115
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	31	10	f	D	D	D	D	D	D	D	5 822
332813	Electroplating, plating, polishing, anodizing, and coloring	2	37	8	539	15 312	435	807	9 952	35 048	13 163	46 863	4 519
3329	Other fabricated metal product manufacturing	—	63	24	h	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	14	10	1 813	63 942	1 424	2 872	42 521	181 756	125 485	309 131	6 777
332911	Industrial valve manufacturing	—	7	5	1 397	50 192	1 126	2 293	35 817	154 805	96 434	251 535	4 444
332912	Fluid power valve and hose fitting manufacturing	—	4	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing—Con.													
3329	Other fabricated metal product manufacturing—Con.													
33299	All other fabricated metal product manufacturing	-	49	14	h	D	D	D	D	D	D	D	D	
332992	Small arms ammunition manufacturing	-	1	1	g	D	D	D	D	D	D	D	D	
332999	All other miscellaneous fabricated metal product manufacturing	1	26	6	f	D	D	D	D	D	D	D	6 900	
333	Machinery manufacturing	-	266	110	j	D	D	D	D	D	D	D	D	
3331	Agriculture, construction, and mining machinery manufacturing	2	22	9	f	D	D	D	D	D	D	D	D	
33313	Mining and oil and gas field machinery manufacturing	2	8	6	e	D	D	D	D	D	D	D	D	
3332	Industrial machinery manufacturing	-	35	19		1 491	65 448	826	1 251	29 518	239 255	101 492	344 152	2 867
33329	Other industrial machinery manufacturing	-	32	18		1 453	64 374	797	1 193	28 941	236 288	100 586	340 272	2 856
333293	Printing machinery and equipment manufacturing ..	-	5	5	e	D	D	D	D	D	D	D	D	
333298	All other industrial machinery manufacturing	-	16	7		704	30 477	369	622	15 049	160 613	63 665	232 800	D
3333	Commercial and service industry machinery manufacturing	1	29	13		2 084	88 052	1 217	2 313	37 364	222 069	171 266	400 603	24 935
33331	Commercial and service industry machinery manufacturing	1	29	13		2 084	88 052	1 217	2 313	37 364	222 069	171 266	400 603	24 935
333311	Automatic vending machine manufacturing	-	4	3	f	D	D	D	D	D	D	D	D	
333319	Other commercial and service industry machinery manufacturing	2	19	9		1 009	47 484	456	871	14 370	133 725	100 618	235 637	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	15	11		5 813	199 117	4 626	8 331	139 702	529 265	480 204	1 028 424	10 717
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	15	11		5 813	199 117	4 626	8 331	139 702	529 265	480 204	1 028 424	10 717
333414	Heating equipment (except warm air furnaces) manufacturing	-	4	2	e	D	D	D	D	D	D	D	D	
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	9	7	i	D	D	D	D	D	D	D	D	
3335	Metalworking machinery manufacturing	1	87	28	h	D	D	D	D	D	D	D	D	
33351	Metalworking machinery manufacturing	1	87	28	h	D	D	D	D	D	D	D	D	
333511	Industrial mold manufacturing	-	25	10		607	27 332	446	903	18 261	49 617	14 998	64 762	D
333514	Special die and tool, die set, jig, and fixture manufacturing	-	40	9		956	42 328	711	1 745	27 122	86 010	36 545	122 928	D
333515	Cutting tool and machine tool accessory manufacturing...	2	12	4	g	D	D	D	D	D	D	D	D	
3336	Engine, turbine, and power transmission equipment manufacturing	-	12	6		594	18 302	495	982	12 261	55 438	51 035	107 312	906
33361	Engine, turbine, and power transmission equipment manufacturing	-	12	6		594	18 302	495	982	12 261	55 438	51 035	107 312	906
333612	Speed changer, industrial high-speed drive, and gear manufacturing	-	6	4		530	15 393	449	882	10 458	49 576	43 935	94 137	D
3339	Other general purpose machinery manufacturing	-	66	24		3 503	150 894	1 857	3 418	62 072	360 089	209 813	572 420	7 750
33391	Pump and compressor manufacturing	2	9	4	e	D	D	D	D	D	D	D	D	
33392	Material handling equipment manufacturing	-	22	8	g	D	D	D	D	D	D	D	D	
333922	Conveyor and conveying equipment manufacturing ..	-	12	5		502	19 675	301	616	8 758	53 061	33 668	86 638	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	-	8	3	f	D	D	D	D	D	D	D	D	

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing—Con.												
33399	All other general purpose machinery manufacturing . . .	—	35	12	1 977	84 662	1 088	1 870	37 656	203 767	111 365	317 552	D
333993	Packaging machinery manufacturing	—	9	4	e	D	D	D	D	D	D	D	D
333994	Industrial process furnace and oven manufacturing . .	—	7	5	641	23 852	372	799	11 388	43 551	19 609	64 154	D
333999	All other miscellaneous general purpose machinery manufacturing	—	15	3	872	38 247	563	789	19 828	99 191	57 407	161 235	D
334	Computer and electronic product manufacturing	1	85	35	3 812	179 024	2 273	4 361	78 461	316 470	233 552	548 953	22 758
3341	Computer and peripheral equipment manufacturing	8	12	2	e	D	D	D	D	D	D	D	500
33411	Computer and peripheral equipment manufacturing	8	12	2	e	D	D	D	D	D	D	D	500
334119	Other computer peripheral equipment manufacturing . .	6	5	2	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing . .	—	7	4	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	26	14	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	1	26	14	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	1	5	2	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	3	8	6	355	12 144	230	459	6 050	30 094	29 406	59 273	824
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	30	12	1 256	74 498	634	1 199	25 942	140 519	87 845	226 751	13 438
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	1	30	12	1 256	74 498	634	1 199	25 942	140 519	87 845	226 751	13 438
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	60	33	4 162	161 388	2 893	5 751	95 381	359 835	298 205	672 588	13 912
3351	Electric lighting equipment manufacturing	—	9	8	f	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing . .	1	8	7	e	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing .	—	2	1	e	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	30	16	2 264	87 988	1 464	2 906	45 146	149 471	168 637	317 731	9 268
33531	Electrical equipment manufacturing	—	30	16	2 264	87 988	1 464	2 906	45 146	149 471	168 637	317 731	9 268
335311	Power, distribution, and specialty transformer manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	6	4	f	D	D	D	D	D	D	D	3 609
335313	Switchgear and switchboard apparatus manufacturing . . .	—	9	4	812	31 682	496	1 019	16 939	66 809	39 380	105 209	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
335	Electrical equipment, appliance, and component manufacturing—Con.												
3359	Other electrical equipment and component manufacturing	2	19	8	f	D	D	D	D	D	D	D	2 989
33593	Wiring device manufacturing	2	7	4	712	26 399	517	1 033	15 977	82 033	39 421	121 462	D
335931	Current-carrying wiring device manufacturing	7	4	2	e	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	10	4	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	104	42	34 003	2 409 258	26 174	46 782	1 760 446	4 289 005	15 884 991	19 829 479	199 109
3361	Motor vehicle manufacturing	—	8	5	j	D	D	D	D	D	D	D	78 111
33611	Automobile and light duty motor vehicle manufacturing	—	8	5	j	D	D	D	D	D	D	D	78 111
336112	Light truck and utility vehicle manufacturing	—	5	4	j	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	3	18	3	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	3	18	3	f	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	45	19	h	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	2	8	1	e	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	6	1	e	D	D	D	D	D	D	D	897
336321	Vehicular lighting equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	—	5	5	1 755	94 598	1 338	2 528	68 904	179 054	459 546	638 294	D
336360	Motor vehicle seating and interior trim manufacturing	—	5	5	1 755	94 598	1 338	2 528	68 904	179 054	459 546	638 294	D
33637	Motor vehicle metal stamping	2	9	5	388	17 106	320	687	11 587	29 998	25 965	56 233	751
336370	Motor vehicle metal stamping	2	9	5	388	17 106	320	687	11 587	29 998	25 965	56 233	751
33639	Other motor vehicle parts manufacturing	1	10	4	989	37 201	853	1 672	30 031	95 504	120 240	217 435	D
336399	All other motor vehicle parts manufacturing	1	10	4	989	37 201	853	1 672	30 031	95 504	120 240	217 435	D
3364	Aerospace product and parts manufacturing	—	18	12	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	18	12	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	4	2	j	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	1	13	10	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	162	45	h	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	116	23	h	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	1	76	10	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing	1	76	10	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	5	40	13	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	21	4	f	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	3	8	6	388	13 000	273	585	6 838	24 274	18 732	42 697	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing	2	39	20	1 564	52 403	1 128	2 262	30 208	111 227	92 557	204 622	D
33721	Office furniture (including fixtures) manufacturing	2	39	20	1 564	52 403	1 128	2 262	30 208	111 227	92 557	204 622	D
337211	Wood office furniture manufacturing	1	5	4	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	3	19	9	981	29 268	736	1 449	17 438	61 257	54 791	115 615	D
339	Miscellaneous manufacturing	3	329	58	i	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	2	146	21	h	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	2	146	21	h	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	3	18	7	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	1	15	2	403	16 084	205	415	5 189	93 991	39 783	133 262	2 111
339116	Dental laboratories	3	95	7	582	16 938	439	805	11 813	30 920	5 939	35 289	D
3399	Other miscellaneous manufacturing	3	183	37	h	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	5	18	7	g	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	5	18	7	g	D	D	D	D	D	D	D	D
33995	Sign manufacturing	1	69	14	g	D	D	D	D	D	D	D	D
339950	Sign manufacturing	1	69	14	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	3	60	13	g	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	4	44	8	807	23 113	563	1 027	12 804	46 128	29 868	75 380	1 316
	Farmington, MO Micropolitan Statistical Area												
31-33	Manufacturing	6	57	18	2 466	73 864	1 951	3 730	47 749	168 060	128 846	300 684	37 173
326	Plastics and rubber products manufacturing	—	4	3	543	14 078	455	814	9 099	26 599	13 777	41 141	D
3261	Plastics product manufacturing ..	—	3	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	8	9	3	626	20 371	498	1 006	14 896	40 915	27 321	77 092	3 032
3272	Glass and glass product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing...	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	9	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
	St. Louis, MO-IL Metropolitan Statistical Area												
31-33	Manufacturing	—	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
311	Food manufacturing	1	224	79	7 912	263 767	5 484	11 231	164 590	1 078 543	1 223 666	2 297 677	41 236
3111	Animal food manufacturing	1	11	4	e	D	D	D	D	D	D	D	2 443
31111	Animal food manufacturing	1	11	4	e	D	D	D	D	D	D	D	2 443
3112	Grain and oilseed milling	—	9	6	e	D	D	D	D	D	D	D	3 666
31121	Flour milling and malt	—	5	4	274	12 095	217	505	8 991	143 907	283 140	427 855	2 638
311211	Flour milling	—	5	4	274	12 095	217	505	8 991	143 907	283 140	427 855	2 638
3113	Sugar and confectionery product	—	14	7	900	28 952	715	1 302	20 655	79 821	66 338	146 853	6 524
31134	Nonchocolate confectionery	—	6	5	f	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery	—	6	5	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving	5	18	8	540	14 425	483	993	11 836	44 843	35 105	79 907	1 755
31141	Frozen food manufacturing	2	11	6	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food	2	11	6	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	13	9	1 024	41 264	737	1 620	27 205	88 998	304 586	394 454	5 909
31151	Dairy product (except frozen)	—	9	7	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	5	4	516	19 980	361	850	12 505	43 713	128 219	171 770	4 019
3116	Animal slaughtering and	1	36	10	774	23 114	626	1 225	16 720	79 211	89 873	168 428	4 576
31161	Animal slaughtering and	1	36	10	774	23 114	626	1 225	16 720	79 211	89 873	168 428	4 576
311612	Meat processed from	—	17	6	535	16 512	433	788	11 240	65 363	69 543	134 192	D
3118	Bakeries and tortilla	—	93	24	3 147	97 555	1 813	3 812	54 377	318 534	180 564	492 338	8 450
31181	Bread and bakery product	1	86	20	2 596	73 401	1 423	2 987	39 070	242 938	79 698	319 807	5 740
311811	Retail bakeries	5	54	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	29	10	1 819	58 957	1 009	2 268	30 589	207 677	59 722	267 278	4 585
31182	Cookie, cracker, and pasta	—	7	4	551	24 154	390	825	15 307	75 596	100 866	172 531	2 710
3119	Other food manufacturing	4	30	11	893	31 174	698	1 343	19 137	251 134	134 628	382 673	7 913
31199	All other food manufacturing ...	1	16	5	348	8 921	297	494	6 613	91 190	44 422	135 574	1 937
312	Beverage and tobacco product	—	23	11	2 984	140 999	2 377	4 645	101 013	1 010 171	860 812	1 866 928	D
3121	Beverage manufacturing	—	23	11	2 984	140 999	2 377	4 645	101 013	1 010 171	860 812	1 866 928	D
31211	Soft drink and ice	—	13	8	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
31212	Breweries	—	3	2	g	D	D	D	D	D	D	D	D
312120	Breweries	—	3	2	g	D	D	D	D	D	D	D	D
314	Textile product mills	2	69	11	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	2	26	2	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	2	26	2	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	2	43	9	f	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	2	24	5	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile	2	24	5	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	46	9	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel	5	29	5	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel	6	21	2	693	11 079	630	1 109	8 603	22 989	3 764	26 607	D
315212	Women's, girls', and infants'	6	17	2	682	10 885	621	1 092	8 437	22 641	3 726	26 221	D
31522	Men's and boys' cut and sew	—	3	1	e	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew	—	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
	St. Louis, MO-IL Metropolitan Statistical Area—Con.												
315	Apparel manufacturing—Con.												
3159	Apparel accessories and other apparel manufacturing	1	17	4	478	13 619	346	648	6 336	35 304	25 273	60 324	D
31599	Apparel accessories and other apparel manufacturing	1	17	4	478	13 619	346	648	6 336	35 304	25 273	60 324	D
316	Leather and allied product manufacturing	3	18	6	g	D	D	D	D	D	D	D	D
3162	Footwear manufacturing	4	5	3	f	D	D	D	D	D	D	D	D
31621	Footwear manufacturing	4	5	3	f	D	D	D	D	D	D	D	D
316213	Men's footwear (except athletic) manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	2	10	2	286	5 658	237	512	3 730	7 888	3 617	11 509	D
31699	Other leather and allied product manufacturing	2	10	2	286	5 658	237	512	3 730	7 888	3 617	11 509	D
321	Wood product manufacturing	2	80	20	1 178	32 375	945	1 835	21 464	75 299	90 141	165 299	D
3212	Veneer, plywood, and engineered wood product manufacturing	1	12	7	442	13 582	322	661	7 655	28 766	29 522	58 243	D
32121	Veneer, plywood, and engineered wood product manufacturing	1	12	7	442	13 582	322	661	7 655	28 766	29 522	58 243	D
321214	Truss manufacturing	—	9	7	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	4	55	10	585	14 217	490	924	10 452	28 508	30 186	58 540	D
32192	Wood container and pallet manufacturing	—	17	6	281	6 323	242	471	4 841	12 556	10 555	22 909	D
321920	Wood container and pallet manufacturing	—	17	6	281	6 323	242	471	4 841	12 556	10 555	22 909	D
322	Paper manufacturing	1	65	45	4 352	164 431	3 476	7 418	114 635	565 668	617 044	1 186 268	29 105
3222	Converted paper product manufacturing	1	64	44	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	36	25	2 212	85 975	1 708	3 652	57 055	203 331	346 643	547 775	21 011
322211	Corrugated and solid fiber box manufacturing	1	26	18	1 623	61 958	1 238	2 643	39 408	149 456	288 757	438 515	D
322212	Folding paperboard box manufacturing	—	7	4	465	19 891	375	819	15 076	47 267	50 215	94 989	D
32222	Paper bag and coated and treated paper manufacturing ..	2	10	7	779	30 889	662	1 536	23 409	69 054	119 608	188 040	4 626
322222	Coated and laminated paper manufacturing	3	5	4	427	19 880	353	816	15 269	45 009	82 278	126 605	D
32223	Stationery product manufacturing	—	9	7	f	D	D	D	D	D	D	D	D
322231	Die-cut paper and paperboard office supplies manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
322232	Envelope manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	3	9	5	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	3	9	5	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	479	'105	'8 314	'324 514	'5 680	'11 178	'192 435	'752 039	'429 724	'1 172 463	'38 930
3231	Printing and related support activities	2	479	'105	'8 314	'324 514	'5 680	'11 178	'192 435	'752 039	'429 724	'1 172 463	'38 930
32311	Printing	2	428	'92	'7 186	'277 986	'4 899	'9 573	'164 099	'643 450	'409 288	'1 043 366	'36 649
323110	Commercial lithographic printing	2	'185	47	'3 794	'160 969	'2 543	'5 019	'95 727	'336 892	'197 346	'533 788	'18 979
323112	Commercial flexographic printing	3	23	8	501	19 409	353	723	11 024	48 134	41 476	89 953	6 850
323113	Commercial screen printing ..	1	50	10	702	20 163	570	1 060	12 993	49 709	40 746	84 119	1 634
323114	Quick printing	3	90	3	387	11 785	272	497	7 708	23 894	10 921	34 816	813
323115	Digital printing	2	'16	'8	'428	'20 176	'279	'551	'12 319	'42 977	'10 850	'53 860	D
323116	Manifold business forms printing	—	14	7	707	25 207	393	835	12 168	91 673	75 905	165 939	5 657
323118	Blankbook, looseleaf binders, and devices manufacturing ..	—	7	4	392	9 835	302	549	6 294	30 846	18 059	47 609	D
32312	Support activities for printing ..	1	51	13	1 128	46 528	781	1 605	28 336	108 589	20 436	129 097	2 281
323121	Tradebinding and related work	—	16	5	363	10 715	311	688	7 943	21 064	7 862	29 026	678
323122	Prepress services	1	35	8	765	35 813	470	917	20 393	87 525	12 574	100 071	1 603

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.													
St. Louis, MO-IL Metropolitan Statistical Area—Con.													
324	Petroleum and coal products manufacturing	—	36	9	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	36	9	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	3	3	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	3	3	f	D	D	D	D	D	D	D	D
32419	Other petroleum and coal products manufacturing	—	16	5	e	D	D	D	D	D	D	D	D
324191	Petroleum lubricating oil and grease manufacturing	—	16	5	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	188	90	11 963	591 524	6 880	14 301	281 053	4 167 494	2 620 159	6 836 620	230 774
3251	Basic chemical manufacturing ...	1	30	21	2 043	118 236	1 339	2 814	71 752	495 815	480 797	979 786	24 511
32513	Synthetic dye and pigment manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	1	4	4	e	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing ...	—	2	1	e	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	4	8	7	400	23 941	284	541	16 614	156 451	130 601	287 552	D
325188	All other basic inorganic chemical manufacturing ...	4	8	7	400	23 941	284	541	16 614	156 451	130 601	287 552	D
32519	Other basic organic chemical manufacturing	—	12	8	887	53 443	543	1 188	29 635	181 905	230 561	416 263	9 478
325199	All other basic organic chemical manufacturing	—	10	7	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	9	5	g	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	6	4	629	35 707	257	552	8 747	187 345	227 680	415 340	6 616
325320	Pesticide and other agricultural chemical manufacturing	—	6	4	629	35 707	257	552	8 747	187 345	227 680	415 340	6 616
3254	Pharmaceutical and medicine manufacturing	2	35	18	4 248	217 306	1 995	4 004	77 553	1 516 896	542 266	2 081 843	142 869
32541	Pharmaceutical and medicine manufacturing	2	35	18	4 248	217 306	1 995	4 004	77 553	1 516 896	542 266	2 081 843	142 869
325412	Pharmaceutical preparation manufacturing	2	19	13	3 234	163 580	1 510	3 128	62 208	1 314 261	437 399	1 775 148	121 611
325413	In-vitro diagnostic substance manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	33	13	f	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	28	10	821	39 349	437	897	15 615	178 599	183 330	364 096	3 234
325510	Paint and coating manufacturing	—	28	10	821	39 349	437	897	15 615	178 599	183 330	364 096	3 234
3256	Soap, cleaning compound, and toilet preparation manufacturing .	—	47	15	g	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	—	38	12	1 916	95 186	1 304	2 771	58 595	1 488 979	776 302	2 288 990	38 746
325611	Soap and other detergent manufacturing	—	23	7	1 238	67 302	894	1 887	47 028	1 370 050	708 473	2 102 486	30 937
325612	Polish and other sanitation good manufacturing	4	15	5	678	27 884	410	884	11 567	118 929	67 829	186 504	7 809
32562	Toilet preparation manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	3	31	15	g	D	D	D	D	D	D	D	8 215
32599	All other chemical product and preparation manufacturing ...	4	26	13	930	38 364	585	1 109	20 814	142 627	135 722	278 188	7 584
325998	All other miscellaneous chemical product and preparation manufacturing .	5	16	6	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.													
St. Louis, MO-IL Metropolitan Statistical Area—Con.													
326	Plastics and rubber products manufacturing	1	151	81	9 406	315 318	7 099	14 312	205 626	695 430	777 113	1 487 747	71 182
3261	Plastics product manufacturing ..	2	121	67	7 313	245 880	5 605	11 297	159 908	557 913	612 861	1 186 612	52 414
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	1	17	11	1 548	61 549	1 179	2 481	42 137	140 437	188 266	331 592	8 761
326111	Plastics bag manufacturing ..	-	3	3	e	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	3	12	6	760	29 962	625	1 331	21 772	68 905	95 589	164 062	5 737
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	-	7	5	e	D	D	D	D	D	D	D	958
32616	Plastics bottle manufacturing ..	-	7	5	610	22 043	531	1 017	17 051	61 546	54 797	115 316	7 173
326160	Plastics bottle manufacturing ..	-	7	5	610	22 043	531	1 017	17 051	61 546	54 797	115 316	7 173
32619	Other plastics product manufacturing	3	78	39	4 371	134 893	3 338	6 655	82 855	308 024	247 459	570 148	31 111
326191	Plastics plumbing fixture manufacturing	1	13	4	279	8 714	179	368	4 509	16 432	7 230	23 601	534
326199	All other plastics product manufacturing	3	65	35	4 092	126 179	3 159	6 287	78 346	291 592	240 229	546 547	30 577
3262	Rubber product manufacturing ...	-	30	14	2 093	69 438	1 494	3 015	45 718	137 517	164 252	301 135	18 768
32621	Tire manufacturing	-	11	4	e	D	D	D	D	D	D	D	D
326212	Tire retreading	-	7	3	282	8 497	152	317	3 785	18 317	24 749	43 159	D
32629	Other rubber product manufacturing	-	17	9	g	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	4	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	-	13	8	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	154	51	3 487	136 313	2 646	4 954	93 883	378 919	332 475	712 363	31 434
3272	Glass and glass product manufacturing	-	14	4	436	19 088	345	738	14 012	69 034	48 912	118 125	1 576
32721	Glass and glass product manufacturing	-	14	4	436	19 088	345	738	14 012	69 034	48 912	118 125	1 576
3273	Cement and concrete product manufacturing	1	112	39	2 480	95 137	1 924	3 467	67 657	263 405	225 880	489 515	24 418
32732	Ready-mix concrete manufacturing	2	72	28	1 547	57 945	1 299	2 257	46 005	132 168	142 723	274 689	17 415
327320	Ready-mix concrete manufacturing	2	72	28	1 547	57 945	1 299	2 257	46 005	132 168	142 723	274 689	17 415
32733	Concrete pipe, brick, and block manufacturing	-	10	5	391	17 731	215	486	7 267	36 300	27 001	63 675	2 400
327332	Concrete pipe manufacturing	-	6	4	264	12 233	152	345	5 183	21 138	14 948	36 754	1 349
32739	Other concrete product manufacturing	2	29	5	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	2	29	5	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	1	21	5	e	D	D	D	D	D	D	D	5 220
32799	All other nonmetallic mineral product manufacturing	2	20	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	1	66	39	9 812	433 651	7 764	15 846	320 116	1 121 516	1 406 286	2 537 075	67 843
3311	Iron and steel mills and ferroalloy manufacturing	-	5	5	h	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	5	5	h	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	5	5	h	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	1	12	6	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	-	7	2	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	6	3	e	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	6	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
	St. Louis, MO-IL Metropolitan Statistical Area—Con.												
331	Primary metal manufacturing—Con.												
3314	Nonferrous metal (except aluminum) production and processing	—	13	6	3 227	147 188	2 549	5 162	104 800	222 767	520 325	740 297	D
33141	Nonferrous metal (except aluminum) smelting and refining	—	4	2	f	D	D	D	D	D	D	D	D
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	—	4	2	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	2	2	h	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	2	2	h	D	D	D	D	D	D	D	D
3315	Foundries	5	30	19	2 872	111 977	2 257	5 060	83 803	309 788	182 417	493 721	D
33151	Ferrous metal foundries	1	13	7	g	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	—	6	3	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	7	17	12	g	D	D	D	D	D	D	D	11 737
331521	Aluminum die-casting foundries	2	6	4	361	11 643	279	606	7 622	30 433	14 741	45 381	D
331524	Aluminum foundries (except die-casting)	9	5	4	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	552	154	15 868	647 508	11 498	22 640	415 386	1 603 404	1 057 098	2 661 762	71 931
3321	Forging and stamping	1	35	14	990	36 938	696	1 280	23 584	62 976	63 385	129 738	5 712
33211	Forging and stamping	1	35	14	990	36 938	696	1 280	23 584	62 976	63 385	129 738	5 712
332116	Metal stamping	—	21	9	653	25 039	425	688	15 069	49 228	35 870	85 369	4 226
3322	Cutlery and handtool manufacturing	1	18	6	341	11 981	212	410	6 041	22 243	18 835	41 095	742
33221	Cutlery and handtool manufacturing	1	18	6	341	11 981	212	410	6 041	22 243	18 835	41 095	742
3323	Architectural and structural metals manufacturing	2	92	29	3 845	182 229	2 439	4 801	103 659	492 215	261 906	764 517	19 753
33231	Plate work and fabricated structural product manufacturing	1	44	22	3 200	158 184	2 061	4 039	91 870	443 998	217 845	672 231	18 540
332311	Prefabricated metal building and component manufacturing	7	5	3	267	10 347	153	301	4 454	67 203	31 999	101 383	D
332312	Fabricated structural metal manufacturing	—	33	18	2 844	145 143	1 835	3 591	85 465	372 554	183 490	564 254	16 930
33232	Ornamental and architectural metal products manufacturing	2	48	7	645	24 045	378	762	11 789	48 217	44 061	92 286	1 213
332322	Sheet metal work manufacturing	1	25	4	328	13 099	179	358	5 782	25 477	19 321	44 717	392
3324	Boiler, tank, and shipping container manufacturing	—	12	5	373	15 989	297	610	11 590	66 544	117 841	185 373	2 008
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	—	23	7	558	18 944	416	820	11 575	47 468	53 046	99 526	1 326
33261	Spring and wire product manufacturing	—	23	7	558	18 944	416	820	11 575	47 468	53 046	99 526	1 326
332618	Other fabricated wire product manufacturing	—	16	6	446	15 042	343	675	9 330	36 511	46 588	81 841	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	231	47	3 451	129 659	2 606	4 929	90 140	266 252	129 628	394 443	12 167
33271	Machine shops	2	186	28	2 052	83 672	1 558	2 970	57 238	166 880	71 577	237 703	8 192
332710	Machine shops	2	186	28	2 052	83 672	1 558	2 970	57 238	166 880	71 577	237 703	8 192
33272	Turned product and screw, nut, and bolt manufacturing	1	45	19	1 399	45 987	1 048	1 959	32 902	99 372	58 051	156 740	3 975
332721	Precision turned product manufacturing	—	34	13	1 110	34 737	834	1 516	25 698	70 750	42 748	112 688	3 066
332722	Bolt, nut, screw, rivet, and washer manufacturing	4	11	6	289	11 250	214	443	7 204	28 622	15 303	44 052	909

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
	St. Louis, MO-IL Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities	-	72	21	1 649	65 679	1 143	2 242	37 242	210 497	122 840	326 632	11 115
33281	Coating, engraving, heat treating, and allied activities ..	-	72	21	1 649	65 679	1 143	2 242	37 242	210 497	122 840	326 632	11 115
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	-	30	10	927	42 661	583	1 172	22 278	112 031	104 079	215 280	5 822
332813	Electroplating, plating, polishing, anodizing, and coloring	2	37	8	539	15 312	435	807	9 952	35 048	13 163	46 863	4 519
3329	Other fabricated metal product manufacturing	-	62	24	4 558	182 910	3 607	7 370	129 311	429 487	285 378	710 407	19 004
33291	Metal valve manufacturing	-	14	10	1 813	63 942	1 424	2 872	42 521	181 756	125 485	309 131	6 777
332911	Industrial valve manufacturing	-	7	5	1 397	50 192	1 126	2 293	35 817	154 805	96 434	251 535	4 444
332912	Fluid power valve and hose fitting manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	48	14	2 745	118 968	2 183	4 498	86 790	247 731	159 893	401 276	12 227
332992	Small arms ammunition manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	1	26	6	f	D	D	D	D	D	D	D	6 900
333	Machinery manufacturing	-	264	108	16 821	668 918	11 183	20 840	361 055	1 678 657	1 161 651	2 874 988	60 304
3331	Agriculture, construction, and mining machinery manufacturing	2	21	8	545	20 895	340	666	9 834	35 861	40 964	77 013	1 885
33313	Mining and oil and gas field machinery manufacturing	1	7	5	401	15 707	250	493	7 374	25 897	24 537	51 194	D
3332	Industrial machinery manufacturing	-	35	19	1 491	65 448	826	1 251	29 518	239 255	101 492	344 152	2 867
33329	Other industrial machinery manufacturing	-	32	18	1 453	64 374	797	1 193	28 941	236 288	100 586	340 272	2 856
333293	Printing machinery and equipment manufacturing ..	-	5	5	e	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	-	16	7	704	30 477	369	622	15 049	160 613	63 665	232 800	D
3333	Commercial and service industry machinery manufacturing	1	29	13	2 084	88 052	1 217	2 313	37 364	222 069	171 266	400 603	24 935
33331	Commercial and service industry machinery manufacturing	1	29	13	2 084	88 052	1 217	2 313	37 364	222 069	171 266	400 603	24 935
333311	Automatic vending machine manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	2	19	9	1 009	47 484	456	871	14 370	133 725	100 618	235 637	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	15	11	5 813	199 117	4 626	8 331	139 702	529 265	480 204	1 028 424	10 717
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	15	11	5 813	199 117	4 626	8 331	139 702	529 265	480 204	1 028 424	10 717
333414	Heating equipment (except warm air furnaces) manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	9	7	i	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	1	86	27	2 791	126 210	1 822	3 879	70 304	236 680	106 877	345 064	11 244
33351	Metalworking machinery manufacturing	1	86	27	2 791	126 210	1 822	3 879	70 304	236 680	106 877	345 064	11 244
333511	Industrial mold manufacturing	-	25	10	607	27 332	446	903	18 261	49 617	14 998	64 762	D
333514	Special die and tool, die set, jig, and fixture manufacturing	-	40	9	956	42 328	711	1 745	27 122	86 010	36 545	122 928	D
333515	Cutting tool and machine tool accessory manufacturing ...	3	11	3	914	40 249	495	915	16 712	71 128	27 223	100 059	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
	St. Louis, MO-IL Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3336	Engine, turbine, and power transmission equipment manufacturing	—	12	6	594	18 302	495	982	12 261	55 438	51 035	107 312	906
33361	Engine, turbine, and power transmission equipment manufacturing	—	12	6	594	18 302	495	982	12 261	55 438	51 035	107 312	906
333612	Speed changer, industrial high-speed drive, and gear manufacturing	—	6	4	530	15 393	449	882	10 458	49 576	43 935	94 137	D
3339	Other general purpose machinery manufacturing	—	66	24	3 503	150 894	1 857	3 418	62 072	360 089	209 813	572 420	7 750
33391	Pump and compressor manufacturing	2	9	4	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	—	22	8	g	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	—	12	5	502	19 675	301	616	8 758	53 061	33 668	86 638	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	8	3	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	35	12	1 977	84 662	1 088	1 870	37 656	203 767	111 365	317 552	D
333993	Packaging machinery manufacturing	—	9	4	e	D	D	D	D	D	D	D	D
333994	Industrial process furnace and oven manufacturing ...	—	7	5	641	23 852	372	799	11 388	43 551	19 609	64 154	D
333999	All other miscellaneous general purpose machinery manufacturing	—	15	3	872	38 247	563	789	19 828	99 191	57 407	161 235	D
334	Computer and electronic product manufacturing	1	85	35	3 812	179 024	2 273	4 361	78 461	316 470	233 552	548 953	22 758
3341	Computer and peripheral equipment manufacturing	8	12	2	e	D	D	D	D	D	D	D	500
33411	Computer and peripheral equipment manufacturing	8	12	2	e	D	D	D	D	D	D	D	500
334119	Other computer peripheral equipment manufacturing ..	6	5	2	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	7	4	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	26	14	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	1	26	14	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	1	5	2	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	3	8	6	355	12 144	230	459	6 050	30 094	29 406	59 273	824
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	30	12	1 256	74 498	634	1 199	25 942	140 519	87 845	226 751	13 438
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	30	12	1 256	74 498	634	1 199	25 942	140 519	87 845	226 751	13 438
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	60	33	4 162	161 388	2 893	5 751	95 381	359 835	298 205	672 588	13 912
3351	Electric lighting equipment manufacturing	—	9	8	f	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	1	8	7	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.												
	St. Louis, MO-IL Metropolitan Statistical Area—Con.												
335	Electrical equipment, appliance, and component manufacturing—Con.												
3352	Household appliance manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	2	1	e	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	30	16	2 264	87 988	1 464	2 906	45 146	149 471	168 637	317 731	9 268
33531	Electrical equipment manufacturing	—	30	16	2 264	87 988	1 464	2 906	45 146	149 471	168 637	317 731	9 268
335311	Power, distribution, and specialty transformer manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	6	4	f	D	D	D	D	D	D	D	3 609
335313	Switchgear and switchboard apparatus manufacturing ...	—	9	4	812	31 682	496	1 019	16 939	66 809	39 380	105 209	D
3359	Other electrical equipment and component manufacturing	2	19	8	f	D	D	D	D	D	D	D	2 989
33593	Wiring device manufacturing ...	2	7	4	712	26 399	517	1 033	15 977	82 033	39 421	121 462	D
335931	Current-carrying wiring device manufacturing	7	4	2	e	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	10	4	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	104	42	34 003	2 409 258	26 174	46 782	1 760 446	4 289 005	15 884 991	19 829 479	199 109
3361	Motor vehicle manufacturing	—	8	5	j	D	D	D	D	D	D	D	78 111
33611	Automobile and light duty motor vehicle manufacturing	—	8	5	j	D	D	D	D	D	D	D	78 111
336112	Light truck and utility vehicle manufacturing	—	5	4	j	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	3	18	3	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	3	18	3	f	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	—	3	1	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	45	19	h	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	2	8	1	e	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	6	1	e	D	D	D	D	D	D	D	897
336321	Vehicular lighting equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing ...	—	5	5	1 755	94 598	1 338	2 528	68 904	179 054	459 546	638 294	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	5	5	1 755	94 598	1 338	2 528	68 904	179 054	459 546	638 294	D
33637	Motor vehicle metal stamping ..	2	9	5	388	17 106	320	687	11 587	29 998	25 965	56 233	751
336370	Motor vehicle metal stamping	2	9	5	388	17 106	320	687	11 587	29 998	25 965	56 233	751
33639	Other motor vehicle parts manufacturing	1	10	4	989	37 201	853	1 672	30 031	95 504	120 240	217 435	D
336399	All other motor vehicle parts manufacturing	1	10	4	989	37 201	853	1 672	30 031	95 504	120 240	217 435	D
3364	Aerospace product and parts manufacturing	—	18	12	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	18	12	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	4	2	j	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	1	13	10	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ST. LOUIS-ST. CHARLES-FARMINGTON, MO-IL COMBINED STATISTICAL AREA—Con.													
St. Louis, MO-IL Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing	3	159	43	4 150	124 986	3 211	6 324	78 824	270 854	197 033	458 143	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	113	21	2 442	66 694	1 974	3 852	45 245	135 030	100 212	224 803	D
33711	Wood kitchen cabinet and countertop manufacturing	1	74	9	728	21 818	548	1 025	13 959	37 273	22 444	59 567	D
337110	Wood kitchen cabinet and countertop manufacturing ..	1	74	9	728	21 818	548	1 025	13 959	37 273	22 444	59 567	D
33712	Household and institutional furniture manufacturing	5	39	12	1 714	44 876	1 426	2 827	31 286	97 757	77 768	165 236	D
337122	Nonupholstered wood household furniture manufacturing	9	20	3	952	22 279	847	1 645	17 448	53 101	37 714	81 090	D
337124	Metal household furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	3	8	6	388	13 000	273	585	6 838	24 274	18 732	42 697	D
3372	Office furniture (including fixtures) manufacturing	2	39	20	1 564	52 403	1 128	2 262	30 208	111 227	92 557	204 622	D
33721	Office furniture (including fixtures) manufacturing	2	39	20	1 564	52 403	1 128	2 262	30 208	111 227	92 557	204 622	D
337211	Wood office furniture manufacturing	1	5	4	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	3	19	9	981	29 268	736	1 449	17 438	61 257	54 791	115 615	D
339	Miscellaneous manufacturing	2	325	56	6 339	206 941	4 179	7 282	104 048	565 899	274 004	839 790	18 432
3391	Medical equipment and supplies manufacturing	2	145	21	2 697	94 805	1 752	2 836	48 078	331 637	107 893	439 439	10 078
33911	Medical equipment and supplies manufacturing	2	145	21	2 697	94 805	1 752	2 836	48 078	331 637	107 893	439 439	10 078
339112	Surgical and medical instrument manufacturing ..	3	17	7	1 378	49 414	885	1 187	24 607	164 219	48 061	214 004	5 613
339113	Surgical appliance and supplies manufacturing	1	15	2	403	16 084	205	415	5 189	93 991	39 783	133 262	2 111
339116	Dental laboratories	3	95	7	582	16 938	439	805	11 813	30 920	5 939	35 289	D
3399	Other miscellaneous manufacturing	2	180	35	3 642	112 136	2 427	4 446	55 970	234 262	166 111	400 351	8 354
33992	Sporting and athletic goods manufacturing	2	17	6	588	17 714	434	715	9 182	52 764	40 996	93 625	1 821
339920	Sporting and athletic goods manufacturing	2	17	6	588	17 714	434	715	9 182	52 764	40 996	93 625	1 821
33995	Sign manufacturing	1	68	14	1 621	51 398	1 025	1 923	23 775	91 621	67 258	158 498	2 710
339950	Sign manufacturing	1	68	14	1 621	51 398	1 025	1 923	23 775	91 621	67 258	158 498	2 710
33999	All other miscellaneous manufacturing	3	59	12	1 160	34 956	792	1 484	18 802	73 240	46 699	120 345	D
339999	All other miscellaneous manufacturing	4	44	8	807	23 113	563	1 027	12 804	46 128	29 868	75 380	1 316
BRANSON, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	79	9	758	20 742	550	851	11 620	47 223	40 730	87 983	1 926
COLUMBIA, MO METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	106	29	5 481	193 410	4 266	8 367	130 314	754 811	739 319	1 498 699	49 359
311	Food manufacturing	—	11	3	909	30 351	802	1 715	25 007	98 779	92 153	194 427	8 495
3116	Animal slaughtering and processing	—	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	4	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	2	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	6	4	700	20 516	598	1 059	15 965	51 912	61 761	113 843	D
3261	Plastics product manufacturing ..	3	6	4	700	20 516	598	1 059	15 965	51 912	61 761	113 843	D
32619	Other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	11	2	267	8 111	159	331	3 800	22 883	19 001	41 613	496

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
COLUMBIA, MO METROPOLITAN STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
FAYETTEVILLE-SPRINGDALE-ROGERS, AR-MO METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	433	138	30 924	884 064	25 329	50 198	638 276	3 322 005	2 725 238	6 066 984	145 548
311	Food manufacturing	1	54	34	13 716	309 043	12 291	22 959	250 909	1 619 554	1 294 668	2 927 294	49 340
3114	Fruit and vegetable preserving and specialty food manufacturing	—	7	6	1 839	48 756	1 599	3 135	37 304	330 591	237 966	568 919	D
31141	Frozen food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	5	4	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	—	5	4	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	4	3	3	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	4	3	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	22	17	10 343	214 570	9 471	17 244	181 411	1 150 903	714 742	1 878 762	31 569
31161	Animal slaughtering and processing	—	22	17	10 343	214 570	9 471	17 244	181 411	1 150 903	714 742	1 878 762	31 569
311615	Poultry processing	—	18	15	j	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	8	3	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	e	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	9	5	2	e	D	D	D	D	D	D	D	408
31191	Snack food manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	—	9	1	e	D	D	D	D	D	D	D	341
3149	Other textile product mills	—	7	1	e	D	D	D	D	D	D	D	D
31499	All other textile product mills	—	6	1	e	D	D	D	D	D	D	D	339
314992	Tire cord and tire fabric mills	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FAYETTEVILLE-SPRINGDALE-ROGERS, AR-MO METROPOLITAN STATISTICAL AREA—Con.													
321	Wood product manufacturing	4	41	15	1 025	24 099	881	1 697	18 278	40 732	51 346	91 015	3 817
3211	Sawmills and wood preservation	4	17	5	297	7 307	268	486	6 141	10 198	23 342	32 716	2 051
32111	Sawmills and wood	4	17	5	297	7 307	268	486	6 141	10 198	23 342	32 716	2 051
321113	Sawmills	4	17	5	297	7 307	268	486	6 141	10 198	23 342	32 716	2 051
3219	Other wood product manufacturing	4	22	9	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	—	10	6	343	6 914	304	632	5 257	12 704	11 861	24 607	1 156
321920	Wood container and pallet manufacturing	—	10	6	343	6 914	304	632	5 257	12 704	11 861	24 607	1 156
32199	All other wood product manufacturing	7	8	3	257	6 288	209	390	4 656	13 602	11 202	24 677	455
323	Printing and related support activities	3	45	6	650	21 903	483	811	13 306	59 893	40 374	101 787	2 417
3231	Printing and related support activities	3	45	6	650	21 903	483	811	13 306	59 893	40 374	101 787	2 417
32311	Printing	3	43	6	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	13	1	787	27 506	640	1 318	20 031	69 275	88 895	154 903	3 694
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	20	10	1 923	66 959	1 564	3 342	48 631	300 248	194 404	494 646	13 193
3261	Plastics product manufacturing	1	17	9	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	6	10	5	413	11 805	344	686	8 170	33 795	25 025	58 803	1 576
326199	All other plastics product manufacturing	6	9	5	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	25	5	264	8 378	207	439	5 781	23 095	23 104	45 710	1 031
332	Fabricated metal product manufacturing	1	75	21	3 581	122 854	2 910	5 993	88 119	334 827	251 561	582 634	11 258
3322	Cutlery and handtool manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	3	16	5	985	36 974	634	1 225	19 761	121 017	55 993	175 296	4 970
33232	Ornamental and architectural metal products manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	—	6	1	f	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities	—	6	1	f	D	D	D	D	D	D	D	D
332813	Electroplating, plating, polishing, anodizing, and coloring	—	4	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	11	6	436	15 060	368	748	11 494	26 018	31 584	59 006	1 199
33291	Metal valve manufacturing	—	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FAYETTEVILLE-SPRINGDALE-ROGERS, AR-MO METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	2	33	14	1 962	73 252	1 222	2 429	40 959	197 099	262 295	464 623	7 252
3333	Commercial and service industry machinery manufacturing	—	5	3	422	14 622	258	553	7 172	71 344	182 642	257 382	D
33331	Commercial and service industry machinery manufacturing	—	5	3	422	14 622	258	553	7 172	71 344	182 642	257 382	D
333319	Other commercial and service industry machinery manufacturing	—	5	3	422	14 622	258	553	7 172	71 344	182 642	257 382	D
3335	Metalworking machinery manufacturing	9	10	4	878	37 413	603	1 301	23 347	73 689	46 702	122 510	D
33351	Metalworking machinery manufacturing	9	10	4	878	37 413	603	1 301	23 347	73 689	46 702	122 510	D
333515	Cutting tool and machine tool accessory manufacturing	9	3	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	2	7	3	287	9 900	193	257	6 047	27 604	9 681	37 224	1 104
33399	All other general purpose machinery manufacturing	2	7	3	287	9 900	193	257	6 047	27 604	9 681	37 224	1 104
334	Computer and electronic product manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	9	3	1 255	37 879	997	2 214	29 745	182 819	71 726	257 172	6 379
3353	Electrical equipment manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	12	7	2 530	94 787	1 802	4 323	62 210	230 833	189 827	417 530	28 045
3363	Motor vehicle parts manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	34	6	739	17 269	618	1 241	12 471	62 140	61 044	128 506	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	28	5	608	13 923	496	967	9 449	54 915	55 137	115 284	907
33711	Wood kitchen cabinet and countertop manufacturing	2	20	3	e	D	D	D	D	D	D	D	276
337110	Wood kitchen cabinet and countertop manufacturing	2	20	3	e	D	D	D	D	D	D	D	276
33712	Household and institutional furniture manufacturing	—	8	2	e	D	D	D	D	D	D	D	631
337121	Upholstered household furniture manufacturing	—	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FAYETTEVILLE-SPRINGDALE-ROGERS, AR-MO METROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	4	38	8	974	31 700	633	1 295	16 642	75 451	62 661	139 279	6 209
3391	Medical equipment and supplies manufacturing	7	18	2	372	14 607	225	451	7 130	43 152	22 998	66 099	1 655
33911	Medical equipment and supplies manufacturing	7	18	2	372	14 607	225	451	7 130	43 152	22 998	66 099	1 655
3399	Other miscellaneous manufacturing	1	20	6	602	17 093	408	844	9 512	32 299	39 663	73 180	4 554
33999	All other miscellaneous manufacturing	—	7	4	496	14 220	329	724	8 061	25 181	34 812	61 213	D
339999	All other miscellaneous manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
HANNIBAL, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	56	23	3 320	112 162	2 550	4 740	75 709	747 676	326 103	1 076 395	71 472
311	Food manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	4	2	319	9 362	245	373	7 653	20 968	16 472	38 139	D
3262	Rubber product manufacturing ...	2	2	2	e	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	2	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3315	Foundries	—	2	1	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	—	2	1	e	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	6	4	456	14 414	256	477	6 453	35 181	12 540	48 046	D
3339	Other general purpose machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333994	Industrial process furnace and oven manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JEFFERSON CITY, MO METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	148	44	5 916	208 179	4 690	8 883	144 918	1 054 992	681 090	1 728 464	45 295
311	Food manufacturing	—	17	6	1 002	33 075	740	1 482	21 274	124 777	152 669	276 860	4 510
3116	Animal slaughtering and processing	4	6	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	4	6	2	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	1	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	14	5	992	43 682	829	1 796	36 158	133 117	123 376	249 638	12 546
3231	Printing and related support activities	—	14	5	992	43 682	829	1 796	36 158	133 117	123 376	249 638	12 546
32311	Printing	—	13	5	f	D	D	D	D	D	D	D	12 546
323117	Books printing	—	2	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	10	4	310	12 364	238	420	8 151	45 773	31 422	77 285	732
3261	Plastics product manufacturing	—	9	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	21	7	392	13 578	292	565	9 524	30 261	37 758	68 757	4 879
3273	Cement and concrete product manufacturing	3	16	6	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	14	5	629	20 471	474	938	12 445	48 631	41 629	91 170	1 230
3323	Architectural and structural metals manufacturing	—	9	4	565	18 837	431	877	11 328	44 838	39 867	85 624	1 069
33232	Ornamental and architectural metal products manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	7	4	494	14 363	435	804	11 462	36 223	32 879	68 088	D
3363	Motor vehicle parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
JOPLIN, MO METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	271	83	14 730	448 163	11 968	24 030	328 018	1 424 246	1 647 091	3 097 809	70 565

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JOPLIN, MO METROPOLITAN STATISTICAL AREA—Con.													
311	Food manufacturing	-	28	14	3 775	104 298	3 326	6 645	87 939	475 603	730 570	1 208 154	28 676
3111	Animal food manufacturing	-	4	3	339	11 584	269	608	8 996	36 152	54 698	91 211	876
31111	Animal food manufacturing	-	4	3	339	11 584	269	608	8 996	36 152	54 698	91 211	876
311111	Dog and cat food manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	g	D	D	D	D	D	D	D	1 250
31161	Animal slaughtering and processing	-	4	2	g	D	D	D	D	D	D	D	1 250
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	9	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
311822	Flour mixes and dough manufacturing from purchased flour	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	16	6	289	7 866	230	430	5 108	18 047	38 615	55 573	1 076
322	Paper manufacturing	-	4	3	454	12 416	382	821	8 521	30 280	73 999	105 483	D
3222	Converted paper product manufacturing	-	4	3	454	12 416	382	821	8 521	30 280	73 999	105 483	D
32221	Paperboard container manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	5	20	3	281	8 204	210	359	4 737	18 103	11 610	29 676	801
3231	Printing and related support activities	5	20	3	281	8 204	210	359	4 737	18 103	11 610	29 676	801
324	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	11	3	344	13 167	262	507	9 150	55 184	40 438	98 692	1 446
327	Nonmetallic mineral product manufacturing	4	24	3	276	8 156	205	433	5 761	24 078	16 493	40 334	1 499
331	Primary metal manufacturing	1	6	4	731	22 460	638	1 315	19 030	59 149	82 513	142 530	D
3312	Steel product manufacturing from purchased steel	-	4	3	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	-	4	3	f	D	D	D	D	D	D	D	D
331222	Steel wire drawing	-	4	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	58	14	2 232	67 519	1 866	3 792	52 652	185 266	157 279	344 415	8 484
3325	Hardware manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332612	Spring (light gauge) manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	30	4	260	7 831	216	376	5 714	14 911	6 748	21 731	750
3329	Other fabricated metal product manufacturing	-	5	2	310	12 336	258	531	9 661	41 266	28 310	71 447	1 664

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JOPLIN, MO METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	1	22	6	680	22 461	435	927	13 532	40 448	37 115	78 167	7 046
3335	Metalworking machinery manufacturing	—	7	3	261	6 580	182	385	5 364	10 705	19 525	30 626	D
33351	Metalworking machinery manufacturing	—	7	3	261	6 580	182	385	5 364	10 705	19 525	30 626	D
3339	Other general purpose machinery manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333997	Scale and balance (except laboratory) manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	7	5	1 467	45 656	1 110	2 249	28 232	105 594	121 664	240 825	D
3351	Electric lighting equipment manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	1	1	e	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	21	9	1 811	55 324	1 556	3 058	45 687	152 234	80 510	231 793	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	19	8	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	8	5	1 497	45 710	1 324	2 667	39 540	128 965	70 999	199 567	D
337121	Upholstered household furniture manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	8	28	7	625	18 308	467	897	10 694	69 038	60 558	128 576	2 964
3399	Other miscellaneous manufacturing	8	20	6	590	17 029	444	855	10 057	64 193	58 775	121 948	2 764
33992	Sporting and athletic goods manufacturing	7	6	5	426	12 662	320	619	7 173	33 266	32 161	65 492	1 280
339920	Sporting and athletic goods manufacturing	7	6	5	426	12 662	320	619	7 173	33 266	32 161	65 492	1 280
KENNETT, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	29	8	942	26 496	801	1 622	20 141	114 995	60 501	178 279	3 317
335	Electrical equipment, appliance, and component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KEOKUK-FORT MADISON, IA-MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	76	33	5 110	195 262	3 963	7 930	134 717	768 612	563 419	1 335 048	48 330
311	Food manufacturing	-	5	4	1 070	52 599	727	1 538	31 393	171 221	186 638	360 757	D
3112	Grain and oilseed milling	-	3	3	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	3	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	4	3	266	12 335	225	264	8 109	35 185	41 847	76 918	D
325	Chemical manufacturing	-	6	4	473	23 315	360	783	16 107	233 193	112 806	345 775	6 342
326	Plastics and rubber products manufacturing	-	5	4	1 127	37 176	928	1 930	27 779	93 210	64 472	159 302	4 844
3262	Rubber product manufacturing ...	-	3	3	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3315	Foundries	-	4	3	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	2	2	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	23	8	869	22 520	670	1 255	15 566	93 590	92 262	186 038	D
3329	Other fabricated metal product manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
KIRKSVILLE, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	17	4	1 219	39 252	926	1 902	24 288	150 795	165 720	320 010	5 742
311	Food manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	5	1	e	D	D	D	D	D	D	D	417
3231	Printing and related support activities	-	5	1	e	D	D	D	D	D	D	D	417
32311	Printing	-	5	1	e	D	D	D	D	D	D	D	417
323116	Manifold business forms printing	-	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LEBANON, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	62	22	5 062	124 228	4 347	8 425	94 877	398 252	486 528	903 322	14 475
315	Apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	1 190
3219	Other wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	1 190
32192	Wood container and pallet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	12	3	344	11 081	276	490	7 362	21 374	19 466	40 930	708
3321	Forging and stamping	-	2	2	e	D	D	D	D	D	D	D	D
33211	Forging and stamping	-	2	2	e	D	D	D	D	D	D	D	D
332116	Metal stamping	-	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	3	1 149	26 540	1 023	2 114	22 998	56 378	48 103	103 632	D
3353	Electrical equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	13	8	1 334	36 707	999	1 959	23 405	117 807	139 437	257 311	2 232
3366	Ship and boat building	-	6	5	1 118	27 817	819	1 603	16 754	100 904	113 871	214 775	1 105
33661	Ship and boat building	-	6	5	1 118	27 817	819	1 603	16 754	100 904	113 871	214 775	1 105
336612	Boat building	-	6	5	1 118	27 817	819	1 603	16 754	100 904	113 871	214 775	1 105
MARSHALL, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	24	5	1 485	39 762	1 255	1 955	29 024	216 040	213 456	433 468	D
311	Food manufacturing	1	6	2	939	24 371	812	1 092	17 985	136 399	181 210	317 666	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	2	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	2	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	9	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
MARYVILLE, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	22	7	2 082	63 156	1 684	3 186	45 932	391 251	357 636	743 824	28 807
331	Primary metal manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	-	2	2	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	-	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
MEXICO, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	32	12	1 531	46 253	1 302	2 508	34 765	190 196	323 405	512 428	9 060
311	Food manufacturing	-	4	2	312	9 349	262	491	6 887	100 133	113 147	213 393	D
3118	Bakeries and tortilla manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	3	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	3	3	3	433	14 421	363	742	10 893	44 966	143 645	187 970	D
MOBERLY, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	28	9	1 372	34 676	1 024	1 619	20 794	95 348	92 158	185 862	4 542
336	Transportation equipment manufacturing	-	3	3	908	22 192	686	980	13 609	68 015	63 027	130 738	2 097
3363	Motor vehicle parts manufacturing	-	3	3	908	22 192	686	980	13 609	68 015	63 027	130 738	2 097
33634	Motor vehicle brake system manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
POPLAR BLUFF, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	56	12	3 298	86 283	2 974	5 295	70 721	226 340	324 641	532 630	5 545
326	Plastics and rubber products manufacturing	2	3	3	928	26 250	845	1 704	21 509	58 242	33 739	91 649	D
3261	Plastics product manufacturing ..	5	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	5	2	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	5	2	2	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
POPLAR BLUFF, MO MICROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	—	6	2	g	D	D	D	D	D	D	D	1 633
3336	Engine, turbine, and power transmission equipment manufacturing	—	'2	'2	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	'2	'2	g	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	'2	'2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
QUINCY, IL-MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	98	35	5 680	231 729	3 763	7 588	125 844	647 819	818 680	1 443 594	41 233
311	Food manufacturing	—	11	5	740	30 581	342	753	11 430	89 797	333 178	422 494	D
3111	Animal food manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	25	7	563	21 261	429	894	13 289	42 836	27 176	70 194	1 856
333	Machinery manufacturing	—	12	8	1 583	54 371	1 178	2 420	33 697	146 849	132 013	283 438	7 264
3331	Agriculture, construction, and mining machinery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	4	4	616	24 749	405	773	13 101	53 562	53 210	109 491	5 211
33391	Pump and compressor manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	4	3	1 313	80 231	654	1 316	35 070	252 909	181 153	408 391	3 499
3342	Communications equipment manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	6	3	280	6 785	234	385	5 183	13 225	8 470	19 670	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ROLLA, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	53	11	1 564	49 800	1 150	2 009	29 457	114 929	208 717	320 384	7 289
333	Machinery manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ST. JOSEPH, MO-KS METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	112	48	6 581	250 898	4 797	9 976	152 009	729 711	1 481 750	2 238 059	62 253
311	Food manufacturing	-	17	9	1 040	40 407	810	1 703	26 339	184 627	634 470	816 271	9 086
3111	Animal food manufacturing	2	10	5	f	D	D	D	D	D	D	D	6 552
31111	Animal food manufacturing	2	10	5	f	D	D	D	D	D	D	D	6 552
311111	Dog and cat food manufacturing	2	4	3	f	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	3	3	e	D	D	D	D	D	D	D	2 364
31122	Starch and vegetable fats and oils manufacturing	-	3	3	e	D	D	D	D	D	D	D	2 364
311225	Fats and oils refining and blending	-	3	3	e	D	D	D	D	D	D	D	2 364
322	Paper manufacturing	-	4	4	900	31 284	737	1 370	22 073	110 206	149 611	273 956	D
3222	Converted paper product manufacturing	-	4	4	900	31 284	737	1 370	22 073	110 206	149 611	273 956	D
32221	Paperboard container manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322233	Stationery, tablet, and related product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	12	8	1 097	51 846	573	1 284	18 984	212 638	155 506	360 600	D
3254	Pharmaceutical and medicine manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	2	613	23 352	519	1 090	17 807	23 905	34 583	58 765	D
3312	Steel product manufacturing from purchased steel	-	3	2	613	23 352	519	1 090	17 807	23 905	34 583	58 765	D
33122	Rolling and drawing of purchased steel	-	3	2	613	23 352	519	1 090	17 807	23 905	34 583	58 765	D
331222	Steel wire drawing	-	3	2	613	23 352	519	1 090	17 807	23 905	34 583	58 765	D
332	Fabricated metal product manufacturing	1	16	7	653	25 599	502	1 065	18 171	66 558	102 724	169 460	7 000
3323	Architectural and structural metals manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	6	5	829	33 122	497	1 187	16 788	18 313	123 068	163 234	D
3331	Agriculture, construction, and mining machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SEDALIA, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	64	23	4 943	147 560	4 277	8 758	116 783	479 456	565 808	1 042 009	23 615
311	Food manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	8	3	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	20	5	777	25 778	661	1 218	20 852	83 907	53 773	136 869	2 545
3324	Boiler, tank, and shipping container manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
SPRINGFIELD, MO METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	565	143	19 732	617 491	14 354	27 724	379 035	1 921 768	2 112 653	4 020 615	119 893
311	Food manufacturing	1	41	14	4 224	128 734	3 114	5 935	87 993	712 227	1 025 330	1 714 914	42 090
3115	Dairy product manufacturing	2	5	3	1 464	58 611	1 150	2 426	44 709	286 026	680 912	975 396	D
31151	Dairy product (except frozen) manufacturing	2	4	3	g	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	9	2	f	D	D	D	D	D	D	D	93
31161	Animal slaughtering and processing	-	9	2	f	D	D	D	D	D	D	D	93
311615	Poultry processing	-	3	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	9	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	3	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	8	2	f	D	D	D	D	D	D	D	3 623
31199	All other food manufacturing	-	6	1	e	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	12	3	272	5 564	232	490	3 754	10 811	6 895	16 855	170
3152	Cut and sew apparel manufacturing	1	10	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	27	9	568	16 254	433	857	10 166	33 065	42 025	74 091	3 324
3219	Other wood product manufacturing	3	21	7	408	10 927	315	629	7 107	18 958	23 574	42 747	1 820
322	Paper manufacturing	1	11	3	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	11	3	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	4	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
SPRINGFIELD, MO METROPOLITAN STATISTICAL AREA—Con.													
323	Printing and related support activities	1	63	9	695	20 798	487	753	11 915	41 474	33 710	75 178	2 763
3231	Printing and related support activities	1	63	9	695	20 798	487	753	11 915	41 474	33 710	75 178	2 763
32311	Printing	1	60	9	688	20 488	481	744	11 720	40 947	33 574	74 517	2 743
323110	Commercial lithographic printing	1	32	6	350	11 319	259	367	6 550	21 557	15 364	36 957	1 897
325	Chemical manufacturing	—	21	4	475	19 981	331	562	11 126	152 137	81 632	232 605	19 363
3255	Paint, coating, and adhesive manufacturing	—	7	1	e	D	D	D	D	D	D	D	D
32552	Adhesive manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	29	8	1 447	40 022	1 169	2 217	30 543	113 164	114 848	229 642	6 906
3261	Plastics product manufacturing ..	—	23	6	1 009	26 388	811	1 485	20 799	70 797	63 972	136 277	D
32619	Other plastics product manufacturing	—	16	4	816	21 799	662	1 146	18 120	59 177	54 322	114 849	4 092
326199	All other plastics product manufacturing	—	13	3	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	6	2	438	13 634	358	732	9 744	42 367	50 876	93 365	D
32629	Other rubber product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	35	13	765	23 556	521	962	14 287	59 839	48 533	107 108	3 990
3273	Cement and concrete product manufacturing	2	21	11	610	18 965	416	779	11 496	43 146	37 020	78 926	3 208
332	Fabricated metal product manufacturing	2	100	22	2 570	96 809	1 786	3 577	53 757	186 311	133 564	317 661	9 938
3323	Architectural and structural metals manufacturing	4	31	9	804	27 455	573	1 107	16 228	49 748	42 209	91 856	2 178
33231	Plate work and fabricated structural product manufacturing	3	9	4	507	17 412	364	708	10 749	29 979	27 748	57 646	1 282
332313	Plate work manufacturing ...	7	3	2	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	4	22	5	297	10 043	209	399	5 479	19 769	14 461	34 210	896
3324	Boiler, tank, and shipping container manufacturing	1	10	5	g	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	1	9	5	1 188	51 346	751	1 599	25 261	80 964	54 272	134 680	5 134
332420	Metal tank (heavy gauge) manufacturing	1	9	5	1 188	51 346	751	1 599	25 261	80 964	54 272	134 680	5 134
3329	Other fabricated metal product manufacturing	2	14	6	362	11 183	291	552	7 471	36 895	27 808	63 118	2 158
333	Machinery manufacturing	1	38	11	1 838	61 359	1 291	2 502	35 285	118 727	108 263	230 609	8 389
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
333412	Industrial and commercial fan and blower manufacturing ..	1	2	2	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	4	3	512	16 359	365	692	10 296	35 599	36 566	72 667	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	4	3	512	16 359	365	692	10 296	35 599	36 566	72 667	D
333618	Other engine equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SPRINGFIELD, MO METROPOLITAN STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	-	19	7	1 265	38 175	717	1 293	13 695	54 706	88 239	145 685	2 635
3344	Semiconductor and other electronic component manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	8	4	1 318	42 505	1 132	2 429	34 361	100 157	85 807	188 918	6 141
3353	Electrical equipment manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	42	17	2 296	64 535	1 812	3 594	39 824	198 637	194 342	397 760	6 009
3362	Motor vehicle body and trailer manufacturing	2	15	7	509	13 797	392	711	9 129	21 513	51 362	73 643	D
33621	Motor vehicle body and trailer manufacturing	2	15	7	509	13 797	392	711	9 129	21 513	51 362	73 643	D
3363	Motor vehicle parts manufacturing	-	18	6	1 383	39 216	1 106	2 292	22 671	103 344	80 120	187 260	3 866
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	2	2	e	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	2	2	e	D	D	D	D	D	D	D	D
336612	Boat building	-	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	49	5	329	8 828	263	439	5 541	15 244	11 549	26 842	D
339	Miscellaneous manufacturing	1	50	10	894	23 934	622	1 141	13 678	64 804	37 955	103 294	2 769
3399	Other miscellaneous manufacturing	-	30	6	667	17 187	439	800	8 920	50 815	30 671	82 026	2 331
33999	All other miscellaneous manufacturing	-	10	4	502	11 894	342	615	6 683	40 204	25 016	65 821	1 757
339999	All other miscellaneous manufacturing	-	7	3	e	D	D	D	D	D	D	D	D
WEST PLAINS, MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	90	25	3 556	88 496	2 952	5 328	66 990	279 818	240 992	521 919	13 718
321	Wood product manufacturing	2	23	10	869	26 488	775	1 486	22 549	64 325	70 937	136 244	5 217
3219	Other wood product manufacturing	-	14	8	782	23 580	696	1 326	20 136	58 780	56 586	116 347	4 792
32191	Millwork	-	6	3	582	18 788	510	1 068	16 081	49 231	46 195	96 433	4 287
321918	Other millwork (including flooring)	-	3	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	WEST PLAINS, MO MICROPOLITAN STATISTICAL AREA—Con.												
333	Machinery manufacturing	1	11	3	951	24 050	723	1 111	15 263	90 439	53 989	138 471	819
3333	Commercial and service industry machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333313	Office machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use.....	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

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

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

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

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

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

Table 3. Industry Statistics for Counties: 2002

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ADAIR													
31-33	Manufacturing	-	13	4	g	D	D	D	D	D	D	D	D
AUDRAIN													
31-33	Manufacturing	1	32	12	1 531	46 253	1 302	2 508	34 765	190 196	323 405	512 428	9 060
BARRY													
31-33	Manufacturing	-	55	26	6 000	154 365	5 006	9 557	112 572	423 255	529 455	947 579	22 057
311	Food manufacturing	-	8	6	2 050	44 300	1 909	3 634	38 021	144 417	315 568	461 450	7 473
3116	Animal slaughtering and processing	-	4	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	4	3	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	16	10	1 886	42 557	1 456	2 487	28 648	101 064	60 667	165 837	4 378
3323	Architectural and structural metals manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333412	Industrial and commercial fan and blower manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	8	2	f	D	D	D	D	D	D	D	1 928
3399	Other miscellaneous manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	-	3	2	f	D	D	D	D	D	D	D	1 900
339920	Sporting and athletic goods manufacturing	-	3	2	f	D	D	D	D	D	D	D	1 900
BARTON													
31-33	Manufacturing	-	18	3	2 042	70 878	1 423	2 468	32 790	170 486	133 836	298 961	4 130
337	Furniture and related product manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
BOONE													
31-33	Manufacturing	-	95	25	5 234	187 395	4 043	7 925	125 045	732 218	706 558	1 442 235	D
311	Food manufacturing	-	11	3	909	30 351	802	1 715	25 007	98 779	92 153	194 427	8 495
3116	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	6	4	700	20 516	598	1 059	15 965	51 912	61 761	113 843	D
3261	Plastics product manufacturing ..	3	6	4	700	20 516	598	1 059	15 965	51 912	61 761	113 843	D
32619	Other plastics product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BOONE—Con.													
334	Computer and electronic product manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BUCHANAN													
31-33	Manufacturing	—	85	44	i	D	D	D	D	D	D	D	58 923
311	Food manufacturing	—	12	9	g	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	2	7	5	f	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	2	7	5	f	D	D	D	D	D	D	D	D
311111	Dog and cat food manufacturing	2	3	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	4	4	900	31 284	737	1 370	22 073	110 206	149 611	273 956	D
3222	Converted paper product manufacturing	—	4	4	900	31 284	737	1 370	22 073	110 206	149 611	273 956	D
32223	Stationery product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
322233	Stationery, tablet, and related product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	10	7	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	2	2	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	2	2	f	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	14	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
BUTLER													
31-33	Manufacturing	—	56	12	3 298	86 283	2 974	5 295	70 721	226 340	324 641	532 630	5 545
326	Plastics and rubber products manufacturing	2	3	3	928	26 250	845	1 704	21 509	58 242	33 739	91 649	D
3262	Rubber product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	6	2	g	D	D	D	D	D	D	D	1 633
3336	Engine, turbine, and power transmission equipment manufacturing	—	'2	'2	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	'2	'2	g	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	'2	'2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CALLAWAY													
31-33	Manufacturing	1	35	11	790	25 661	553	1 043	15 794	57 738	66 413	125 346	2 965
CAMDEN													
31-33	Manufacturing	2	59	14	1 178	33 202	911	1 734	21 051	75 912	72 067	147 429	4 048
CAPE GIRARDEAU													
31-33	Manufacturing	-	105	33	i	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	13	2	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	7	8	3	f	D	D	D	D	D	D	D	D
CASS													
31-33	Manufacturing	4	87	17	1 507	47 556	1 148	2 248	31 187	143 823	151 236	293 186	7 124
CHRISTIAN													
31-33	Manufacturing	2	113	21	2 073	54 074	1 605	3 082	36 574	134 512	112 922	243 465	7 142
335	Electrical equipment, appliance, and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CLAY													
31-33	Manufacturing	-	230	92	14 442	760 458	11 522	24 659	589 129	3 364 943	7 647 431	11 006 339	95 826
311	Food manufacturing	3	21	11	g	D	D	D	D	D	D	D	10 032
3119	Other food manufacturing	9	7	4	f	D	D	D	D	D	D	D	1 470
322	Paper manufacturing	-	14	9	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	13	8	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	4	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	52	15	g	D	D	D	D	D	D	D	7 584
3231	Printing and related support activities	-	52	15	g	D	D	D	D	D	D	D	7 584
32311	Printing	-	45	13	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	22	10	g	D	D	D	D	D	D	D	5 012
325	Chemical manufacturing	1	19	10	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	15	10	f	D	D	D	D	D	D	D	6 066
3261	Plastics product manufacturing ..	-	12	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	33	13	g	D	D	D	D	D	D	D	6 004
336	Transportation equipment manufacturing	-	8	4	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
COLE													
31-33	Manufacturing	4	61	21	3 572	134 776	2 882	5 370	95 912	830 935	434 927	1 259 322	37 122
323	Printing and related support activities	-	12	4	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	12	4	f	D	D	D	D	D	D	D	D
32311	Printing	-	11	4	f	D	D	D	D	D	D	D	D
323117	Books printing	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CRAWFORD													
31-33	Manufacturing	-	43	16	1 521	38 274	1 334	2 539	29 424	117 453	135 955	249 951	5 327
DENT													
31-33	Manufacturing	-	27	7	692	19 374	605	1 082	15 162	58 971	64 736	117 118	D
DOUGLAS													
31-33	Manufacturing	2	12	2	529	11 206	457	845	8 831	44 850	27 526	72 337	D
DUNKLIN													
31-33	Manufacturing	2	29	8	942	26 496	801	1 622	20 141	114 995	60 501	178 279	3 317
335	Electrical equipment, appliance, and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
FRANKLIN													
31-33	Manufacturing	1	217	75	9 697	329 439	7 621	14 419	223 689	1 078 963	861 585	1 945 372	54 406
322	Paper manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	13	6	1 465	47 675	1 218	2 424	35 986	89 530	82 681	173 566	12 582
3262	Rubber product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	2	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	48	13	1 706	58 443	1 363	2 590	42 677	186 337	106 099	294 258	9 196
3329	Other fabricated metal product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	29	16	1 721	56 684	1 370	2 573	37 719	161 169	97 212	259 853	15 798
336	Transportation equipment manufacturing	-	16	5	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	20	5	662	16 925	471	877	7 923	26 713	16 911	43 743	D
3399	Other miscellaneous manufacturing	1	17	4	f	D	D	D	D	D	D	D	D
GASCONADE													
31-33	Manufacturing	1	39	16	1 436	40 860	1 161	2 183	28 794	105 941	69 699	166 294	15 614
323	Printing and related support activities	-	4	2	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
GREENE													
31-33	Manufacturing	1	345	101	15 546	508 981	11 062	21 636	303 867	1 604 662	1 862 334	3 453 869	106 407
311	Food manufacturing	1	27	12	h	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	4	3	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	2	3	3	g	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	3	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	46	5	510	15 477	349	586	8 673	31 013	24 806	55 820	2 270
3231	Printing and related support activities	1	46	5	510	15 477	349	586	8 673	31 013	24 806	55 820	2 270
32311	Printing	1	43	5	503	15 167	343	577	8 478	30 486	24 670	55 159	2 250
326	Plastics and rubber products manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	8	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	20	9	583	18 763	392	711	10 666	43 959	33 899	76 595	D
332	Fabricated metal product manufacturing	2	61	15	2 062	80 863	1 376	2 803	42 475	143 587	102 323	245 956	7 778
3323	Architectural and structural metals manufacturing	3	20	6	627	21 536	436	838	12 156	38 450	33 804	72 166	1 678
3324	Boiler, tank, and shipping container manufacturing	1	7	4	g	D	D	D	D	D	D	D	5 134
33242	Metal tank (heavy gauge) manufacturing	1	7	4	g	D	D	D	D	D	D	D	5 134
332420	Metal tank (heavy gauge) manufacturing	1	7	4	g	D	D	D	D	D	D	D	5 134
333	Machinery manufacturing	1	24	9	1 697	57 344	1 195	2 351	33 200	112 842	101 825	217 573	8 032
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
333412	Industrial and commercial fan and blower manufacturing ..	1	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	16	7	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GREENE—Con.													
336	Transportation equipment manufacturing	1	26	11	1 618	45 278	1 269	2 509	26 204	116 364	114 331	233 219	D
3363	Motor vehicle parts manufacturing	—	14	5	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
GRUNDY													
31-33	Manufacturing	—	13	4	814	18 408	718	1 202	13 829	48 848	134 184	182 784	12 609
HENRY													
31-33	Manufacturing	2	39	13	1 614	46 097	1 288	2 490	33 313	137 660	337 254	477 164	12 510
311	Food manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
HOWELL													
31-33	Manufacturing	1	90	25	3 556	88 496	2 952	5 328	66 990	279 818	240 992	521 919	13 718
321	Wood product manufacturing	2	23	10	869	26 488	775	1 486	22 549	64 325	70 937	136 244	5 217
3219	Other wood product manufacturing	—	14	8	782	23 580	696	1 326	20 136	58 780	56 586	116 347	4 792
32191	Millwork	—	6	3	582	18 788	510	1 068	16 081	49 231	46 195	96 433	4 287
321918	Other millwork (including flooring)	—	3	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	11	3	951	24 050	723	1 111	15 263	90 439	53 989	138 471	819
3339	Other general purpose machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
JACKSON													
31-33	Manufacturing	1	'824	252	'32 174	'1 316 686	'20 222	'40 189	'647 114	'5 831 043	'2 984 775	'8 778 995	'195 080
311	Food manufacturing	2	54	21	2 464	87 714	1 374	2 880	46 735	557 271	741 999	1 296 463	15 839
3118	Bakeries and tortilla manufacturing	—	19	4	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	18	3	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	4	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	3	16	9	770	26 894	529	1 061	18 221	288 167	350 363	636 608	D
322	Paper manufacturing	2	21	16	h	D	D	D	D	D	D	D	9 361
3222	Converted paper product manufacturing	2	21	16	h	D	D	D	D	D	D	D	9 361
32221	Paperboard container manufacturing	2	12	10	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	3	8	7	f	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	3	3	f	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	129	25	h	D	D	D	D	D	D	D	15 442
3231	Printing and related support activities	2	129	25	h	D	D	D	D	D	D	D	15 442
32311	Printing	2	114	21	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	3	63	14	g	D	D	D	D	D	D	D	6 706
323114	Quick printing	1	20	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JACKSON—Con.													
325	Chemical manufacturing	—	33	20	3 257	174 464	1 340	2 871	58 479	2 741 246	498 348	3 272 255	27 743
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	7	3	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	7	3	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	40	18	g	D	D	D	D	D	D	D	12 734
3261	Plastics product manufacturing ..	1	35	17	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	23	11	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	21	10	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	39	16	772	27 106	576	1 037	16 167	91 397	55 603	142 951	D
3273	Cement and concrete product manufacturing	—	25	12	593	21 619	430	780	12 283	78 271	46 109	120 704	D
332	Fabricated metal product manufacturing	—	152	34	h	D	D	D	D	D	D	D	15 569
3323	Architectural and structural metals manufacturing	1	40	15	g	D	D	D	D	D	D	D	4 420
33232	Ornamental and architectural metal products manufacturing	—	28	12	f	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	—	10	4	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	62	6	621	23 114	472	874	15 393	46 103	18 729	66 443	4 636
3329	Other fabricated metal product manufacturing	—	11	4	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
332992	Small arms ammunition manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	80	24	i	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	29	7	h	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	3	13	4	f	D	D	D	D	D	D	D	D
333921	Elevator and moving stairway manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	15	3	h	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	12	2	h	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	27	11	2 072	100 549	906	1 748	25 785	191 328	136 638	326 858	D
3342	Communications equipment manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	2	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	7	5	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	1	3	3	f	D	D	D	D	D	D	D	D

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
JACKSON—Con.													
336	Transportation equipment manufacturing	5	35	10	g	D	D	D	D	D	D	9 759	
3363	Motor vehicle parts manufacturing	6	27	7	g	D	D	D	D	D	D	D	
33632	Motor vehicle electrical and electronic equipment manufacturing	—	8	2	f	D	D	D	D	D	D	D	
33639	Other motor vehicle parts manufacturing	8	5	4	f	D	D	D	D	D	D	D	
336399	All other motor vehicle parts manufacturing	8	5	4	f	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing	—	55	12	g	D	D	D	D	D	D	D	
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	33	5	f	D	D	D	D	D	D	D	
33711	Wood kitchen cabinet and countertop manufacturing	1	23	4	f	D	D	D	D	D	D	D	
337110	Wood kitchen cabinet and countertop manufacturing ..	1	23	4	f	D	D	D	D	D	D	D	
339	Miscellaneous manufacturing	2	77	21	g	D	D	D	D	D	D	D	
3391	Medical equipment and supplies manufacturing	1	31	11	f	D	D	D	D	D	D	D	
33911	Medical equipment and supplies manufacturing	1	31	11	f	D	D	D	D	D	D	D	
3399	Other miscellaneous manufacturing	3	46	10	f	D	D	D	D	D	D	D	
JASPER													
31-33	Manufacturing	—	199	62	10 798	335 387	8 676	17 561	241 874	1 085 831	1 328 415	2 432 757	60 093
311	Food manufacturing	—	23	11	3 221	94 092	2 817	5 647	79 450	435 640	683 842	1 121 542	D
3115	Dairy product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	8	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
311822	Flour mixes and dough manufacturing from purchased flour	—	1	1	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	46	11	1 915	55 367	1 604	3 294	43 494	144 909	130 501	275 421	D
3325	Hardware manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332612	Spring (light gauge) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	17	6	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JASPER—Con.													
334	Computer and electronic product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
JEFFERSON													
31-33	Manufacturing	1	185	41	4 450	164 370	3 391	6 842	109 671	515 128	547 801	1 069 996	26 204
326	Plastics and rubber products manufacturing	-	14	8	880	30 307	690	1 383	20 702	45 616	99 036	143 672	3 102
3261	Plastics product manufacturing ..	-	12	8	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	7	5	715	23 878	563	1 123	15 556	45 747	31 131	77 550	1 666
326199	All other plastics product manufacturing	-	7	5	715	23 878	563	1 123	15 556	45 747	31 131	77 550	1 666
327	Nonmetallic mineral product manufacturing	-	12	5	553	24 354	465	863	20 019	129 614	93 027	224 087	9 098
332	Fabricated metal product manufacturing	-	41	7	532	22 212	397	808	15 279	79 197	123 048	203 169	2 847
333	Machinery manufacturing	2	19	6	f	D	D	D	D	D	D	D	D
JOHNSON													
31-33	Manufacturing	-	29	7	1 576	45 706	1 134	1 679	26 531	107 704	63 717	171 033	3 661
331	Primary metal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3315	Foundries	-	2	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries ...	-	2	2	f	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	-	2	2	f	D	D	D	D	D	D	D	D
LACLEDE													
31-33	Manufacturing	-	62	22	5 062	124 228	4 347	8 425	94 877	398 252	486 528	903 322	14 475
315	Apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	1 190
3219	Other wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	1 190
32192	Wood container and pallet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LACLEDE—Con.													
335	Electrical equipment, appliance, and component manufacturing	—	3	3	1 149	26 540	1 023	2 114	22 998	56 378	48 103	103 632	D
3353	Electrical equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	13	8	1 334	36 707	999	1 959	23 405	117 807	139 437	257 311	2 232
3366	Ship and boat building	—	6	5	1 118	27 817	819	1 603	16 754	100 904	113 871	214 775	1 105
33661	Ship and boat building	—	6	5	1 118	27 817	819	1 603	16 754	100 904	113 871	214 775	1 105
336612	Boat building	—	6	5	1 118	27 817	819	1 603	16 754	100 904	113 871	214 775	1 105
LAFAYETTE													
31-33	Manufacturing	1	38	7	1 059	26 775	871	1 622	19 213	105 855	55 312	157 969	2 955
LAWRENCE													
31-33	Manufacturing	—	51	23	1 402	43 396	1 093	2 172	31 504	148 010	237 727	389 478	14 124
LINCOLN													
31-33	Manufacturing	6	43	10	1 397	58 561	1 039	2 281	41 950	219 843	214 836	435 524	13 799
331	Primary metal manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	9	1	1	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	9	1	1	f	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	9	1	1	f	D	D	D	D	D	D	D	D
LINN													
31-33	Manufacturing	—	21	8	1 620	42 960	1 311	2 255	27 752	122 602	49 845	172 312	5 971
323	Printing and related support activities	—	4	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	—	4	1	f	D	D	D	D	D	D	D	D
32311	Printing	—	3	1	f	D	D	D	D	D	D	D	D
323117	Books printing	—	1	1	f	D	D	D	D	D	D	D	D
LIVINGSTON													
31-33	Manufacturing	1	24	11	868	25 864	722	1 269	19 410	71 856	39 969	110 015	4 764
MCDONALD													
31-33	Manufacturing	—	31	10	2 778	64 730	2 445	4 891	50 112	215 928	160 586	374 783	14 848
311	Food manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	4	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	4	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	2	2	g	D	D	D	D	D	D	D	D
MACON													
31-33	Manufacturing	—	10	3	537	13 164	455	1 010	9 632	20 296	99 547	120 141	D
MARION													
31-33	Manufacturing	—	46	19	h	D	D	D	D	D	D	D	D
311	Food manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
MILLER													
31-33	Manufacturing	1	24	5	785	20 271	638	1 247	14 648	68 517	66 250	135 960	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
MONITEAU													
31-33	Manufacturing	4	24	5	788	21 658	669	1 294	17 345	46 271	39 455	84 423	3 098
311	Food manufacturing	3	3	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	3	3	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	3	3	2	f	D	D	D	D	D	D	D	D
MONROE													
31-33	Manufacturing	—	8	3	895	21 072	681	1 033	13 509	60 820	40 978	102 216	D
331	Primary metal manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	3	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	—	3	2	f	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries	—	2	1	f	D	D	D	D	D	D	D	D
MONTGOMERY													
31-33	Manufacturing	2	29	6	564	18 429	456	878	11 563	45 030	60 151	106 416	2 048
MORGAN													
31-33	Manufacturing	1	29	2	559	14 828	468	983	11 105	35 343	68 990	102 661	1 616
NEW MADRID													
31-33	Manufacturing	—	17	6	2 431	81 359	2 064	3 751	61 735	168 929	282 815	455 973	D
326	Plastics and rubber products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	1	1	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	1	1	g	D	D	D	D	D	D	D	D
331312	Primary aluminum production	—	1	1	g	D	D	D	D	D	D	D	D
NEWTON													
31-33	Manufacturing	1	72	21	3 932	112 776	3 292	6 469	86 144	338 415	318 676	665 052	10 472
311	Food manufacturing	—	5	3	554	10 206	509	998	8 489	39 963	46 728	86 612	D
337	Furniture and related product manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
NODAWAY													
31-33	Manufacturing	—	22	7	2 082	63 156	1 684	3 186	45 932	391 251	357 636	743 824	28 807
335	Electrical equipment, appliance, and component manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
OSAGE													
31-33	Manufacturing	—	28	7	766	26 084	586	1 176	15 867	120 048	140 295	259 373	2 110
PEMISCOT													
31-33	Manufacturing	—	14	4	838	24 226	729	1 424	18 324	49 385	71 730	122 346	843
336	Transportation equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	1	1	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	1	1	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PERRY													
31-33	Manufacturing	1	36	15	3 001	83 764	2 342	4 686	56 485	276 789	298 038	574 057	32 415
311	Food manufacturing	2	6	3	f	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	2	2	f	D	D	D	D	D	D	D	D
31123	Breakfast cereal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	3	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
PETTIS													
31-33	Manufacturing	1	64	23	4 943	147 560	4 277	8 758	116 783	479 456	565 808	1 042 009	23 615
311	Food manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	20	5	777	25 778	661	1 218	20 852	83 907	53 773	136 869	2 545
3324	Boiler, tank, and shipping container manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PHELPS													
31-33	Manufacturing	-	53	11	1 564	49 800	1 150	2 009	29 457	114 929	208 717	320 384	7 289
333	Machinery manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PIKE													
31-33	Manufacturing	5	28	6	626	25 159	472	945	18 527	103 082	94 980	195 489	3 053
PLATTE													
31-33	Manufacturing	2	51	17	1 845	64 525	1 275	2 219	37 650	203 600	264 185	468 086	11 566
POLK													
31-33	Manufacturing	2	34	7	762	17 201	537	964	9 769	74 560	35 901	110 722	D
RANDOLPH													
31-33	Manufacturing	-	28	9	1 372	34 676	1 024	1 619	20 794	95 348	92 158	185 862	4 542
336	Transportation equipment manufacturing	-	3	3	908	22 192	686	980	13 609	68 015	63 027	130 738	2 097
3363	Motor vehicle parts manufacturing	-	3	3	908	22 192	686	980	13 609	68 015	63 027	130 738	2 097
33634	Motor vehicle brake system manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
RAY													
31-33	Manufacturing	-	18	2	554	19 926	407	834	9 955	52 771	33 093	85 661	D

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
RIPLEY													
31-33	Manufacturing	3	39	4	547	12 904	341	637	7 442	20 908	18 471	41 275	996
ST. CHARLES													
31-33	Manufacturing	—	273	83	14 717	659 687	11 419	22 712	482 983	2 494 300	2 853 879	5 339 295	75 818
322	Paper manufacturing	2	6	5	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	6	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	34	6	757	25 097	537	1 017	14 298	81 128	48 374	122 980	6 008
3231	Printing and related support activities	—	34	6	757	25 097	537	1 017	14 298	81 128	48 374	122 980	6 008
32311	Printing	—	27	5	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	16	8	1 024	38 575	757	1 555	24 741	86 419	69 169	156 563	5 070
3261	Plastics product manufacturing ..	—	13	8	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	9	4	f	D	D	D	D	D	D	D	2 887
332	Fabricated metal product manufacturing	—	42	10	728	27 633	534	1 020	19 430	57 439	43 511	101 157	2 733
333	Machinery manufacturing	—	32	12	4 175	153 118	3 295	6 838	113 010	382 837	375 011	772 699	11 710
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	2	h	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	2	h	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	2	2	h	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	11	5	1 159	54 239	905	1 694	37 408	106 323	68 264	169 203	D
3344	Semiconductor and other electronic component manufacturing	—	7	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	7	3	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	17	11	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	3	7	4	558	25 439	428	919	18 162	34 857	70 670	105 320	D
339	Miscellaneous manufacturing	1	30	4	717	22 231	475	718	9 816	64 532	37 606	101 473	1 924
3399	Other miscellaneous manufacturing	1	17	3	560	15 253	380	560	7 290	51 520	34 371	85 749	1 482
STE. GENEVIEVE													
31-33	Manufacturing	1	35	13	1 581	49 158	1 248	2 582	36 327	130 874	94 054	224 751	22 096
327	Nonmetallic mineral product manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3274	Lime and gypsum product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32741	Lime manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327410	Lime manufacturing	—	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ST. FRANCOIS													
31-33	Manufacturing	6	57	18	2 466	73 864	1 951	3 730	47 749	168 060	128 846	300 684	37 173
326	Plastics and rubber products manufacturing	—	4	3	543	14 078	455	814	9 099	26 599	13 777	41 141	D
3261	Plastics product manufacturing ..	—	3	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	8	9	3	626	20 371	498	1 006	14 896	40 915	27 321	77 092	3 032
3272	Glass and glass product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
ST. LOUIS													
31-33	Manufacturing	—	'1 141	'368	'66 208	'3 605 060	'45 986	'85 144	'2 287 240	'7 123 344	'16 573 368	'23 406 976	'448 795
311	Food manufacturing	3	65	23	2 397	71 171	1 728	3 310	46 317	217 628	194 908	412 792	9 991
3113	Sugar and confectionery product manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	40	11	1 034	26 634	624	1 221	14 332	54 208	32 119	86 647	D
31181	Bread and bakery product manufacturing	3	39	10	965	22 726	624	1 221	14 332	54 208	32 119	86 647	D
322	Paper manufacturing	1	25	16	1 330	49 088	1 024	2 112	33 515	107 133	173 926	280 301	11 455
3222	Converted paper product manufacturing	1	25	16	1 330	49 088	1 024	2 112	33 515	107 133	173 926	280 301	11 455
32221	Paperboard container manufacturing	—	18	12	998	37 021	764	1 557	24 950	80 215	144 693	224 204	11 111
322211	Corrugated and solid fiber box manufacturing	1	13	8	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	'231	'59	'4 462	'189 353	'2 868	'5 806	'108 486	'434 745	'249 158	'682 237	'22 826
3231	Printing and related support activities	1	'231	'59	'4 462	'189 353	'2 868	'5 806	'108 486	'434 745	'249 158	'682 237	'22 826
32311	Printing	1	'198	'50	'3 722	'154 651	'2 395	'4 874	'88 359	'362 828	'237 150	'598 308	'21 215
323110	Commercial lithographic printing	2	85	28	2 166	94 795	1 415	2 941	56 284	200 779	127 775	327 575	11 902
32312	Support activities for printing	1	33	9	740	34 702	473	932	20 127	71 917	12 008	83 929	1 611
323122	Prepress services	1	25	6	f	D	D	D	D	D	D	D	1 278
325	Chemical manufacturing	2	72	35	5 025	238 558	2 608	5 486	93 550	1 190 571	637 821	1 839 966	119 938
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	7	4	g	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	3	20	10	g	D	D	D	D	D	D	D	86 678
32541	Pharmaceutical and medicine manufacturing	3	20	10	g	D	D	D	D	D	D	D	86 678
325412	Pharmaceutical preparation manufacturing	3	11	8	g	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	2	16	6	f	D	D	D	D	D	D	D	20 898
32561	Soap and cleaning compound manufacturing	3	12	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
ST. LOUIS—Con.													
326	Plastics and rubber products manufacturing	2	54	31	3 442	109 040	2 621	5 151	69 141	281 422	289 946	589 197	28 146
3261	Plastics product manufacturing ..	2	49	29	3 356	105 787	2 594	5 096	68 209	275 770	280 682	574 007	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	8	5	f	D	D	D	D	D	D	D	1 949
32619	Other plastics product manufacturing	4	30	16	2 177	59 488	1 669	3 234	37 267	150 626	149 919	314 572	19 004
326199	All other plastics product manufacturing	4	27	16	g	D	D	D	D	D	D	D	18 934
327	Nonmetallic mineral product manufacturing	—	37	17	972	37 844	695	1 205	22 435	77 875	73 620	152 014	D
3273	Cement and concrete product manufacturing	—	24	14	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	—	17	11	515	18 267	441	648	14 196	38 798	42 982	81 768	D
327320	Ready-mix concrete manufacturing	—	17	11	515	18 267	441	648	14 196	38 798	42 982	81 768	D
331	Primary metal manufacturing	1	17	8	f	D	D	D	D	D	D	D	900
3315	Foundries	—	7	5	f	D	D	D	D	D	D	D	531
33152	Nonferrous metal foundries	—	6	4	f	D	D	D	D	D	D	D	531
332	Fabricated metal product manufacturing	1	164	40	5 707	241 136	4 003	7 773	149 479	584 205	322 514	916 882	35 661
3323	Architectural and structural metals manufacturing	—	31	10	2 052	113 084	1 327	2 639	69 566	308 731	132 870	451 442	14 842
33231	Plate work and fabricated structural product manufacturing	—	9	6	1 744	102 146	1 136	2 256	64 061	287 651	105 060	402 428	D
332312	Fabricated structural metal manufacturing	—	6	4	1 636	97 164	1 094	2 165	62 587	279 020	93 711	382 386	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	69	15	1 363	46 570	993	1 786	31 220	99 054	52 548	151 751	3 347
33271	Machine shops	3	52	6	518	21 533	391	748	13 819	43 198	16 427	60 031	1 961
332710	Machine shops	3	52	6	518	21 533	391	748	13 819	43 198	16 427	60 031	1 961
33272	Turned product and screw, nut, and bolt manufacturing	1	17	9	845	25 037	602	1 038	17 401	55 856	36 121	91 720	1 386
332721	Precision turned product manufacturing	—	13	6	689	19 284	491	784	14 159	40 685	27 807	68 215	948
3329	Other fabricated metal product manufacturing	—	20	7	1 460	51 347	1 111	2 220	31 576	92 052	51 971	142 223	10 476
33291	Metal valve manufacturing	—	6	4	821	26 685	598	1 250	14 155	39 433	38 919	76 522	D
332911	Industrial valve manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	14	3	639	24 662	513	970	17 421	52 619	13 052	65 701	D
332999	All other miscellaneous fabricated metal product manufacturing	1	10	3	613	23 746	493	930	16 811	50 626	11 692	62 348	D
333	Machinery manufacturing	—	104	44	6 466	276 902	3 866	6 727	121 640	653 939	410 647	1 060 489	13 498
3332	Industrial machinery manufacturing	1	15	10	692	29 921	403	530	13 081	68 476	32 326	96 257	D
33329	Other industrial machinery manufacturing	1	15	10	692	29 921	403	530	13 081	68 476	32 326	96 257	D
3333	Commercial and service industry machinery manufacturing	—	13	4	1 172	58 841	546	1 073	20 036	150 316	108 803	259 655	3 821
33331	Commercial and service industry machinery manufacturing	—	13	4	1 172	58 841	546	1 073	20 036	150 316	108 803	259 655	3 821
333311	Automatic vending machine manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	4	1 641	56 845	1 283	1 786	32 729	157 851	113 573	273 743	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	4	1 641	56 845	1 283	1 786	32 729	157 851	113 573	273 743	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	3	26	10	931	38 353	650	1 337	22 630	78 096	52 418	130 042	3 225
33351	Metalworking machinery manufacturing	3	26	10	931	38 353	650	1 337	22 630	78 096	52 418	130 042	3 225

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ST. LOUIS—Con.													
333 3339	Machinery manufacturing—Con. Other general purpose machinery manufacturing	—	31	13	1 723	81 909	783	1 600	27 365	179 105	82 022	259 203	3 009
33392 333924	Material handling equipment manufacturing	—	10	5	691	35 084	271	562	10 636	66 152	35 025	100 971	D
33399 333994	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	4	3	579	30 528	203	419	8 561	57 095	26 694	83 475	D
33399 333994	All other general purpose machinery manufacturing	—	15	6	829	37 720	400	828	12 998	88 118	32 768	119 153	D
33399 333994	Industrial process furnace and oven manufacturing ...	—	4	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	51	22	2 109	105 303	1 022	1 970	32 342	165 678	128 079	298 248	9 521
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	19	10	1 051	60 275	515	970	18 756	115 281	76 782	192 373	D
33451 334511	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	19	10	1 051	60 275	515	970	18 756	115 281	76 782	192 373	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	21	9	1 110	46 489	818	1 538	30 630	135 732	96 519	251 742	4 280
3353 33531	Electrical equipment manufacturing	—	14	5	f	D	D	D	D	D	D	D	3 526
33531	Electrical equipment manufacturing	—	14	5	f	D	D	D	D	D	D	D	3 526
336	Transportation equipment manufacturing	—	32	13	26 871	2 020 223	20 349	35 325	1 453 779	2 601 829	13 412 711	15 666 400	165 998
3361 33611 336112	Motor vehicle manufacturing	—	3	3	i	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	3	3	i	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	3	3	i	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	15	6	g	D	D	D	D	D	D	D	D
33636 336360	Motor vehicle seating and interior trim manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
3364 33641 336411	Aerospace product and parts manufacturing	—	6	2	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	6	2	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	2	1	j	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	51	15	1 625	53 724	1 211	2 423	32 991	118 524	95 855	215 043	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	36	7	f	D	D	D	D	D	D	D	D
3372 33721 337215	Office furniture (including fixtures) manufacturing	3	14	7	796	29 063	555	1 107	16 325	61 077	61 116	123 207	D
33721	Office furniture (including fixtures) manufacturing	3	14	7	796	29 063	555	1 107	16 325	61 077	61 116	123 207	D
337215	Showcase, partition, shelving, and locker manufacturing	5	8	4	582	18 171	428	850	11 149	35 371	37 797	73 404	D
339	Miscellaneous manufacturing	1	139	24	2 810	99 703	1 733	3 326	48 944	325 280	144 796	471 052	9 749
3391 33911 339112	Medical equipment and supplies manufacturing	1	67	13	1 523	57 122	971	1 845	29 974	239 525	77 360	317 334	6 538
33911	Medical equipment and supplies manufacturing	1	67	13	1 523	57 122	971	1 845	29 974	239 525	77 360	317 334	6 538
339112	Surgical and medical instrument manufacturing ..	—	9	3	617	24 424	398	738	13 995	96 456	27 222	125 925	D
3399	Other miscellaneous manufacturing	2	72	11	1 287	42 581	762	1 481	18 970	85 755	67 436	153 718	3 211
33995 339950	Sign manufacturing	—	27	5	589	19 633	317	600	8 033	33 906	32 681	66 303	573
339950	Sign manufacturing	—	27	5	589	19 633	317	600	8 033	33 906	32 681	66 303	573

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SALINE													
31-33	Manufacturing	1	24	5	1 485	39 762	1 255	1 955	29 024	216 040	213 456	433 468	D
311	Food manufacturing	1	6	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SCOTT													
31-33	Manufacturing	1	76	31	2 595	76 743	2 118	3 577	56 076	288 150	312 503	598 637	15 355
311	Food manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
STODDARD													
31-33	Manufacturing	-	43	15	2 621	66 387	2 259	4 163	52 939	453 102	377 901	827 317	10 701
311	Food manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SULLIVAN													
31-33	Manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
TANEY													
31-33	Manufacturing	3	56	6	568	15 877	408	644	8 645	39 005	33 081	72 095	D
TEXAS													
31-33	Manufacturing	3	46	9	889	21 798	664	1 332	14 984	54 787	37 694	92 193	1 720
VERNON													
31-33	Manufacturing	-	21	6	1 351	38 825	1 143	1 443	26 712	268 399	93 323	368 083	6 643
326	Plastics and rubber products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	1	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
WARREN													
31-33	Manufacturing	3	36	16	1 893	53 726	1 562	2 991	38 405	133 211	120 298	243 577	5 315
337	Furniture and related product manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WASHINGTON													
31-33	Manufacturing	6	23	5	628	15 110	522	999	10 623	34 422	52 401	86 838	8 078
WEBSTER													
31-33	Manufacturing	4	57	13	969	30 621	781	1 585	22 744	95 760	98 825	196 897	3 753
WRIGHT													
31-33	Manufacturing	—	22	5	630	13 786	546	1 065	10 990	32 799	37 252	69 887	1 187
ST. LOUIS (IC)													
31-33	Manufacturing	1	'685	261	'25 531	'1 051 884	'17 377	'33 905	'592 985	'4 870 268	'3 492 278	'8 399 039	'233 313
311	Food manufacturing	1	68	27	3 182	113 060	2 143	4 637	69 249	495 694	448 935	938 588	13 651
3118	Bakeries and tortilla manufacturing	—	25	7	1 589	55 411	878	1 980	29 591	223 246	111 004	330 593	3 869
31181	Bread and bakery product manufacturing	—	23	6	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	9	4	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	6	5	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	6	5	g	D	D	D	D	D	D	D	D
31212	Breweries	—	2	2	g	D	D	D	D	D	D	D	D
312120	Breweries	—	2	2	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	14	4	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	9	1	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	9	7	1	f	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	6	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	19	14	1 130	43 561	899	2 009	29 348	88 632	152 412	240 423	D
3222	Converted paper product manufacturing	—	18	13	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	'102	28	'1 813	'73 147	'1 284	'2 497	'45 281	'147 758	'76 287	'225 184	'6 257
3231	Printing and related support activities	3	'102	28	'1 813	'73 147	'1 284	'2 497	'45 281	'147 758	'76 287	'225 184	'6 257
32311	Printing	3	'94	26	'1 720	'70 057	'1 213	'2 357	'43 374	'142 506	'73 599	'217 057	D
323110	Commercial lithographic printing	3	'54	15	g	D	D	D	D	D	D	D	'4 973
325	Chemical manufacturing	1	61	32	4 637	238 724	2 741	5 671	120 543	2 281 044	1 423 156	3 749 998	77 740
3251	Basic chemical manufacturing ...	3	9	8	803	45 205	503	1 001	26 904	212 385	201 013	413 412	7 411
3254	Pharmaceutical and medicine manufacturing	1	11	6	1 917	99 294	915	1 891	37 652	820 550	327 025	1 158 152	D
32541	Pharmaceutical and medicine manufacturing	1	11	6	1 917	99 294	915	1 891	37 652	820 550	327 025	1 158 152	D
325412	Pharmaceutical preparation manufacturing	2	8	5	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	1	15	7	551	28 339	284	610	10 902	78 612	98 816	179 471	2 733
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	16	6	1 141	56 284	885	1 907	39 014	1 118 842	642 634	1 795 330	13 453
32561	Soap and cleaning compound manufacturing	—	14	6	g	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	—	10	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	30	13	851	30 157	615	1 315	17 964	67 191	61 101	125 600	7 081
3261	Plastics product manufacturing ..	—	22	9	f	D	D	D	D	D	D	D	6 341
332	Fabricated metal product manufacturing	1	131	46	3 116	128 469	2 195	4 290	74 919	224 070	164 737	388 904	9 180
3323	Architectural and structural metals manufacturing	—	28	11	673	27 174	408	814	12 893	46 664	44 527	91 008	671
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	37	13	772	34 085	611	1 230	24 252	72 134	30 198	100 472	3 125
33271	Machine shops	—	29	9	566	26 604	431	865	18 406	58 510	20 971	78 243	2 608
332710	Machine shops	—	29	9	566	26 604	431	865	18 406	58 510	20 971	78 243	2 608
3328	Coating, engraving, heat treating, and allied activities	1	27	6	503	23 492	311	638	10 955	29 781	17 042	46 886	2 952
33281	Coating, engraving, heat treating, and allied activities ..	1	27	6	503	23 492	311	638	10 955	29 781	17 042	46 886	2 952

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ST. LOUIS (IC)—Con.												
333	Machinery manufacturing	—	43	17	2 350	101 914	1 342	2 243	44 603	207 335	131 684	346 264	6 369
3335	Metalworking machinery manufacturing	—	15	4	805	36 070	396	700	13 354	56 969	24 321	83 254	1 816
33351	Metalworking machinery manufacturing	—	15	4	805	36 070	396	700	13 354	56 969	24 321	83 254	1 816
333515	Cutting tool and machine tool accessory manufacturing...	—	1	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	11	4	1 037	43 366	661	1 007	22 381	107 648	70 066	181 665	D
33399	All other general purpose machinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	14	9	867	36 427	506	1 020	16 561	77 942	90 615	167 055	D
336	Transportation equipment manufacturing	—	13	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	10	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	31	16	832	28 570	623	1 256	17 010	60 531	34 548	94 799	D
339	Miscellaneous manufacturing	7	63	15	1 444	45 714	968	1 385	23 444	104 218	50 983	154 852	3 822
3391	Medical equipment and supplies manufacturing	8	23	5	793	24 086	521	523	11 525	65 767	22 183	87 912	2 659
33911	Medical equipment and supplies manufacturing	8	23	5	793	24 086	521	523	11 525	65 767	22 183	87 912	2 659
339112	Surgical and medical instrument manufacturing ..	9	4	3	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	4	40	10	651	21 628	447	862	11 919	38 451	28 800	66 940	1 163

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

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

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

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

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

Table 4. Industry Statistics for Places: 2002

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARNOLD													
31-33	Manufacturing	-	24	6	931	35 320	728	1 450	23 975	104 202	139 686	244 579	3 307
326	Plastics and rubber products manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
BELTON													
31-33	Manufacturing	7	20	5	f	D	D	D	D	D	D	D	2 351
BERKELEY													
31-33	Manufacturing	-	26	10	j	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	1	j	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	1	1	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	1	1	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	1	1	j	D	D	D	D	D	D	D	D
BLUE SPRINGS													
31-33	Manufacturing	1	38	7	826	31 724	558	976	16 829	32 958	90 533	125 767	2 589
BOLIVAR													
31-33	Manufacturing	-	15	5	596	12 315	408	723	6 458	60 727	25 397	86 391	1 778
BRENTWOOD													
31-33	Manufacturing	2	49	18	1 884	76 250	1 247	2 395	41 330	276 609	159 616	436 582	15 538
BRIDGETON													
31-33	Manufacturing	-	56	19	4 237	165 462	2 907	4 988	88 806	415 408	372 475	791 306	16 406
326	Plastics and rubber products manufacturing	-	6	3	535	13 961	373	661	8 445	33 075	37 276	72 063	D
3261	Plastics product manufacturing ..	-	6	3	535	13 961	373	661	8 445	33 075	37 276	72 063	D
32619	Other plastics product manufacturing	-	6	3	535	13 961	373	661	8 445	33 075	37 276	72 063	D
326199	All other plastics product manufacturing	-	6	3	535	13 961	373	661	8 445	33 075	37 276	72 063	D
333	Machinery manufacturing	-	8	4	g	D	D	D	D	D	D	D	4 631
3333	Commercial and service industry machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
333311	Automatic vending machine manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
BROOKFIELD													
31-33	Manufacturing	-	10	5	652	15 843	546	1 040	11 204	36 401	29 444	65 548	D
CAMDENTON													
31-33	Manufacturing	2	17	6	623	20 455	457	833	12 169	49 829	44 300	93 050	2 989
CAPE GIRARDEAU													
31-33	Manufacturing	-	54	20	3 431	122 617	2 808	5 940	92 732	1 186 862	594 245	1 779 906	D
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CARTHAGE													
31-33	Manufacturing	-	32	15	3 689	104 549	3 132	6 382	86 637	356 845	581 600	942 228	14 399
311	Food manufacturing	-	7	5	1 870	50 025	1 634	3 161	43 247	193 733	383 583	577 648	D
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332612	Spring (light gauge) manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
CARUTHERSVILLE													
31-33	Manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	1	1	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	1	1	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	-	1	1	f	D	D	D	D	D	D	D	D
CASSVILLE													
31-33	Manufacturing	-	16	8	2 035	51 360	1 756	3 373	38 400	100 139	171 598	266 805	7 417
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333412	Industrial and commercial fan and blower manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
CENTRALIA													
31-33	Manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CHESTERFIELD													
31-33	Manufacturing	-	38	13	1 633	57 063	1 048	1 721	29 543	126 201	118 600	239 830	11 592
CHILLICOTHE													
31-33	Manufacturing	1	22	10	f	D	D	D	D	D	D	D	D
CLINTON													
31-33	Manufacturing	2	20	8	1 411	40 405	1 146	2 264	29 932	116 897	321 720	440 916	D
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
COLUMBIA													
31-33	Manufacturing	1	63	19	3 816	135 330	3 078	6 253	95 499	650 990	602 600	1 256 091	37 791
311	Food manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CREVE COEUR													
31-33	Manufacturing	1	27	9	591	20 564	395	816	12 692	44 871	36 565	86 278	2 574
CUBA													
31-33	Manufacturing	-	19	10	982	27 232	832	1 645	19 531	67 856	79 288	144 902	3 602
DEXTER													
31-33	Manufacturing	-	20	6	1 727	40 451	1 572	2 894	33 602	164 907	343 722	508 117	4 058
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ELDON													
31-33	Manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
EUREKA													
31-33	Manufacturing	-	8	1	574	22 220	465	853	15 639	48 364	10 357	58 723	D
332	Fabricated metal product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
EXCELSIOR SPRINGS													
31-33	Manufacturing	-	18	6	f	D	D	D	D	D	D	D	6 676
FARMINGTON													
31-33	Manufacturing	6	21	6	1 112	33 043	864	1 603	18 884	80 146	54 664	129 467	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FENTON													
31-33	Manufacturing	—	'91	'34	'9 588	'514 743	'8 016	'14 747	'422 389	'594 271	'5 317 841	'5 912 095	'68 583
323	Printing and related support activities	2	'18	'8	'563	'25 749	'366	'756	'13 659	'50 550	'31 598	'82 104	'1 931
3231	Printing and related support activities	2	'18	'8	'563	'25 749	'366	'756	'13 659	'50 550	'31 598	'82 104	'1 931
32311	Printing	'3	'14	'7	'510	'23 754	'324	'678	'12 334	'46 437	'30 934	'77 398	'1 721
336	Transportation equipment manufacturing	—	5	2	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	2	2	i	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	2	2	i	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	2	i	D	D	D	D	D	D	D	D
FULTON													
31-33	Manufacturing	1	18	9	f	D	D	D	D	D	D	D	D
GRAIN VALLEY													
31-33	Manufacturing	1	17	2	g	D	D	D	D	D	D	D	7 099
334	Computer and electronic product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
GRANDVIEW													
31-33	Manufacturing	3	65	25	2 870	94 657	2 018	4 168	49 090	232 444	236 232	467 935	13 431
333	Machinery manufacturing	3	10	6	801	30 421	523	1 022	15 115	54 359	64 250	117 321	D
3339	Other general purpose machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
333921	Elevator and moving stairway manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
HANNIBAL													
31-33	Manufacturing	—	28	12	1 827	54 005	1 411	2 825	36 282	226 458	169 755	396 046	52 578
311	Food manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	3	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HAZELWOOD													
31-33	Manufacturing	-	33	14	6 527	386 137	4 843	10 119	275 265	1 314 232	3 758 592	5 104 380	53 615
325	Chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	4	5	4	742	23 977	595	1 129	17 409	70 284	70 807	150 460	6 297
3261	Plastics product manufacturing ..	4	5	4	742	23 977	595	1 129	17 409	70 284	70 807	150 460	6 297
32619	Other plastics product manufacturing	8	4	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	8	4	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	7	1	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
INDEPENDENCE													
31-33	Manufacturing	3	110	31	3 416	129 929	2 663	4 992	91 016	483 959	227 326	709 750	13 779
332	Fabricated metal product manufacturing	-	27	8	1 562	65 917	1 257	2 465	48 795	233 205	34 330	266 875	3 110
3329	Other fabricated metal product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
332992	Small arms ammunition manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
JACKSON													
31-33	Manufacturing	-	19	5	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
JEFFERSON CITY													
31-33	Manufacturing	5	46	17	3 206	123 202	2 569	4 785	87 096	791 525	420 698	1 205 827	D
323	Printing and related support activities	-	11	3	f	D	D	D	D	D	D	D	11 349
3231	Printing and related support activities	-	11	3	f	D	D	D	D	D	D	D	11 349
32311	Printing	-	10	3	f	D	D	D	D	D	D	D	11 349
323117	Books printing	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JOPLIN													
31-33	Manufacturing	-	101	30	5 808	190 281	4 616	9 330	132 511	603 214	626 020	1 244 145	40 843
311	Food manufacturing	-	8	4	g	D	D	D	D	D	D	D	23 196
3118	Bakeries and tortilla manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
311822	Flour mixes and dough manufacturing from purchased flour	-	1	1	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	23	9	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
KANSAS CITY													
31-33	Manufacturing	1	498	165	21 567	901 203	12 917	25 737	424 038	5 083 676	2 225 271	7 276 337	141 759
311	Food manufacturing	3	50	21	2 552	91 087	1 340	2 825	45 200	844 105	720 712	1 562 533	12 953
3115	Dairy product manufacturing	2	4	3	f	D	D	D	D	D	D	D	2 997
3118	Bakeries and tortilla manufacturing	-	16	3	f	D	D	D	D	D	D	D	750
31181	Bread and bakery product manufacturing	-	16	3	f	D	D	D	D	D	D	D	750
311812	Commercial bakeries	-	4	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	5	15	9	755	26 448	438	891	14 764	576 133	324 130	898 590	3 636
312	Beverage and tobacco product manufacturing	2	4	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	2	20	15	2 184	74 629	1 760	3 599	49 846	149 329	268 289	419 956	6 081
3222	Converted paper product manufacturing	2	20	15	2 184	74 629	1 760	3 599	49 846	149 329	268 289	419 956	6 081
32221	Paperboard container manufacturing	1	10	8	773	29 455	567	1 263	17 281	67 465	91 428	160 209	D
322211	Corrugated and solid fiber box manufacturing	1	7	6	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	92	22	2 511	94 124	1 737	3 498	53 490	211 816	94 406	307 248	14 780
3231	Printing and related support activities	2	92	22	2 511	94 124	1 737	3 498	53 490	211 816	94 406	307 248	14 780
32311	Printing	2	77	19	2 353	89 129	1 624	3 269	50 202	203 306	91 347	295 747	14 121
323110	Commercial lithographic printing	3	47	14	1 394	57 841	974	1 962	32 716	124 297	76 722	201 862	D
323114	Quick printing	1	15	4	872	28 772	586	1 204	15 957	73 984	11 330	85 551	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KANSAS CITY—Con.													
325	Chemical manufacturing	-	26	14	2 605	146 690	875	1 974	42 597	2 609 976	365 808	3 006 719	21 485
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	19	10	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	2	13	8	f	D	D	D	D	D	D	D	1 222
332	Fabricated metal product manufacturing	-	83	21	1 815	72 636	1 276	2 614	44 170	166 088	148 189	315 127	9 248
3323	Architectural and structural metals manufacturing	1	24	9	819	32 672	529	1 069	17 199	58 060	69 803	129 079	2 542
33232	Ornamental and architectural metal products manufacturing	-	19	8	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	39	11	h	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	17	4	h	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	10	2	h	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	-	7	1	h	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	7	24	5	911	31 126	768	1 541	23 016	82 095	104 606	185 773	4 873
3363	Motor vehicle parts manufacturing	8	17	3	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	8	4	3	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	8	4	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	31	6	f	D	D	D	D	D	D	D	1 318
339	Miscellaneous manufacturing	4	33	10	892	33 639	581	1 135	16 158	62 330	41 908	104 377	1 674
KIRKSVILLE													
31-33	Manufacturing	-	11	4	g	D	D	D	D	D	D	D	D
KIRKWOOD													
31-33	Manufacturing	3	41	12	1 232	45 373	868	1 772	26 687	102 664	61 506	163 778	2 479
LAMAR													
31-33	Manufacturing	-	9	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	2	1	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LEBANON													
31-33	Manufacturing	-	35	17	h	D	D	D	D	D	D	D	7 777
315	Apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	3	1 149	26 540	1 023	2 114	22 998	56 378	48 103	103 632	D
3353	Electrical equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	9	6	1 265	35 063	945	1 880	22 330	114 858	135 142	250 068	D
3366	Ship and boat building	-	4	4	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	4	4	g	D	D	D	D	D	D	D	D
336612	Boat building	-	4	4	g	D	D	D	D	D	D	D	D
LEE'S SUMMIT													
31-33	Manufacturing	1	72	25	2 726	104 615	1 887	3 756	61 525	313 636	220 148	533 994	20 855
326	Plastics and rubber products manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	8	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
LIBERTY													
31-33	Manufacturing	-	29	10	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	8	3	666	28 296	475	992	15 017	70 123	38 677	108 891	D
3231	Printing and related support activities	-	8	3	666	28 296	475	992	15 017	70 123	38 677	108 891	D
32311	Printing	-	8	3	666	28 296	475	992	15 017	70 123	38 677	108 891	D
323110	Commercial lithographic printing	-	4	3	f	D	D	D	D	D	D	D	D
MARCELINE													
31-33	Manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	1	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	1	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	1	1	f	D	D	D	D	D	D	D	D
323117	Books printing	-	1	1	f	D	D	D	D	D	D	D	D
MARSHALL													
31-33	Manufacturing	1	16	4	g	D	D	D	D	D	D	D	D
311	Food manufacturing	1	5	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MARYLAND HEIGHTS													
31-33	Manufacturing	1	118	51	4 687	185 620	2 929	5 927	94 966	846 284	573 308	1 416 802	31 439
323	Printing and related support activities	3	33	11	713	31 020	519	1 072	20 257	63 814	35 003	98 979	1 597
3231	Printing and related support activities	3	33	11	713	31 020	519	1 072	20 257	63 814	35 003	98 979	1 597
32311	Printing	3	28	10	587	25 700	436	907	17 684	55 440	33 133	88 735	1 371
325	Chemical manufacturing	2	6	6	1 301	54 871	675	1 464	22 902	488 282	182 806	669 996	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	3	3	3	615	31 452	328	696	14 323	436 516	77 658	514 682	12 718
32541	Pharmaceutical and medicine manufacturing	3	3	3	615	31 452	328	696	14 323	436 516	77 658	514 682	12 718
325412	Pharmaceutical preparation manufacturing	3	3	3	615	31 452	328	696	14 323	436 516	77 658	514 682	12 718
333	Machinery manufacturing	2	11	8	970	35 877	631	1 244	18 923	73 081	39 494	112 119	1 684
MARYVILLE													
31-33	Manufacturing	-	10	5	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
MEXICO													
31-33	Manufacturing	1	21	10	g	D	D	D	D	D	D	D	D
MOBERLY													
31-33	Manufacturing	-	19	7	1 234	31 234	915	1 439	18 376	87 928	85 950	172 454	D
336	Transportation equipment manufacturing	-	3	3	908	22 192	686	980	13 609	68 015	63 027	130 738	2 097
3363	Motor vehicle parts manufacturing	-	3	3	908	22 192	686	980	13 609	68 015	63 027	130 738	2 097
33634	Motor vehicle brake system manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
MONETT													
31-33	Manufacturing	-	22	12	2 926	79 248	2 334	4 393	54 967	220 226	343 972	561 320	11 717
332	Fabricated metal product manufacturing	-	8	5	1 604	35 429	1 246	2 046	23 987	82 577	50 607	136 902	4 166
3323	Architectural and structural metals manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
MONROE CITY													
31-33	Manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	-	3	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries....	-	3	2	f	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries.....	-	2	1	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEOSHO													
31-33	Manufacturing	2	24	11	2 644	70 467	2 307	4 560	58 217	200 065	128 873	329 798	4 492
337	Furniture and related product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
NEVADA													
31-33	Manufacturing	-	15	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	1	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
NEW MADRID													
31-33	Manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	g	D	D	D	D	D	D	D	D
331312	Primary aluminum production	-	1	1	g	D	D	D	D	D	D	D	D
NORTH KANSAS CITY													
31-33	Manufacturing	-	118	54	4 604	177 101	3 308	6 639	110 397	645 974	745 071	1 392 803	27 254
311	Food manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	26	11	719	32 218	468	978	20 804	64 473	42 679	107 110	4 611
3231	Printing and related support activities	-	26	11	719	32 218	468	978	20 804	64 473	42 679	107 110	4 611
32311	Printing	-	21	9	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	11	6	514	24 839	339	735	15 765	49 556	34 263	84 001	2 205
325	Chemical manufacturing	-	15	8	601	24 393	329	701	12 202	123 091	141 035	264 919	5 223
332	Fabricated metal product manufacturing	-	17	8	f	D	D	D	D	D	D	D	4 285
NORTHWOODS													
31-33	Manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
O'FALLON													
31-33	Manufacturing	-	55	28	6 346	233 506	4 981	9 511	164 148	591 684	544 312	1 148 008	20 593
333	Machinery manufacturing	-	10	5	h	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
OLIVETTE													
31-33	Manufacturing	-	16	7	785	36 838	367	736	13 351	71 979	38 217	108 596	1 572
OVERLAND													
31-33	Manufacturing	1	61	25	1 845	75 850	1 279	2 475	42 884	146 818	125 383	272 572	10 854
OWENSVILLE													
31-33	Manufacturing	1	14	9	870	25 360	747	1 387	19 257	53 982	55 092	102 940	10 109
OZARK													
31-33	Manufacturing	1	31	8	1 136	29 332	909	1 799	20 637	64 048	57 012	121 323	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PACIFIC													
31-33	Manufacturing	-	28	12	1 549	64 185	1 245	2 266	46 450	171 810	231 023	401 043	6 697
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PAGEDALE													
31-33	Manufacturing	2	10	3	f	D	D	D	D	D	D	D	D
PARK HILLS													
31-33	Manufacturing	6	9	5	1 002	29 462	822	1 616	21 517	59 917	41 470	110 809	3 689
327	Nonmetallic mineral product manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	9	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PERRYVILLE													
31-33	Manufacturing	1	20	8	2 404	67 211	1 804	3 469	43 077	234 714	244 358	474 974	D
311	Food manufacturing	3	4	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	3	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
PEVELY													
31-33	Manufacturing	-	10	7	720	29 803	531	1 051	20 242	84 640	64 832	149 796	D
POPLAR BLUFF													
31-33	Manufacturing	1	35	10	g	D	D	D	D	D	D	D	4 131
326	Plastics and rubber products manufacturing	2	3	3	928	26 250	845	1 704	21 509	58 242	33 739	91 649	D
3262	Rubber product manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	6	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	6	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PORTAGEVILLE													
31-33	Manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
RAYTOWN													
31-33	Manufacturing	5	35	7	564	20 037	376	750	10 363	36 840	20 732	57 908	4 719
REPUBLIC													
31-33	Manufacturing	2	9	1	636	12 635	581	1 127	10 606	1 713	1 829	3 506	58
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
RIVERSIDE													
31-33	Manufacturing	-	13	7	f	D	D	D	D	D	D	D	D
ROLLA													
31-33	Manufacturing	-	27	5	f	D	D	D	D	D	D	D	4 923
ST. CHARLES													
31-33	Manufacturing	1	75	24	g	D	D	D	D	D	D	D	14 572
ST. CLAIR													
31-33	Manufacturing	1	19	10	g	D	D	D	D	D	D	D	D
STE. GENEVIEVE													
31-33	Manufacturing	-	20	10	1 428	44 292	1 110	2 281	31 983	129 469	68 107	196 405	19 405
327	Nonmetallic mineral product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3274	Lime and gypsum product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32741	Lime manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327410	Lime manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	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)				
ST. JOSEPH													
31-33	Manufacturing	—	83	44	i	D	D	D	D	D	D	D	D
311	Food manufacturing	—	12	9	g	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	2	7	5	f	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	2	7	5	f	D	D	D	D	D	D	D	D
311111	Dog and cat food manufacturing	2	3	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	4	4	900	31 284	737	1 370	22 073	110 206	149 611	273 956	D
3222	Converted paper product manufacturing	—	4	4	900	31 284	737	1 370	22 073	110 206	149 611	273 956	D
32223	Stationery product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
322233	Stationery, tablet, and related product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	10	7	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	2	2	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	2	2	f	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	13	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
ST. LOUIS (IC)													
31-33	Manufacturing	1	'685	261	'25 531	'1 051 884	'17 377	'33 905	'592 985	'4 870 268	'3 492 278	'8 399 039	'233 313
311	Food manufacturing	1	68	27	3 182	113 060	2 143	4 637	69 249	495 694	448 935	938 588	13 651
3118	Bakeries and tortilla manufacturing	—	25	7	1 589	55 411	878	1 980	29 591	223 246	111 004	330 593	3 869
31181	Bread and bakery product manufacturing	—	23	6	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	9	4	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	6	5	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	6	5	g	D	D	D	D	D	D	D	D
31212	Breweries	—	2	2	g	D	D	D	D	D	D	D	D
312120	Breweries	—	2	2	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	14	4	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	9	1	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	9	7	1	f	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	6	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	19	14	1 130	43 561	899	2 009	29 348	88 632	152 412	240 423	D
3222	Converted paper product manufacturing	—	18	13	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	'102	28	'1 813	'73 147	'1 284	'2 497	'45 281	'147 758	'76 287	'225 184	'6 257
3231	Printing and related support activities	3	'102	28	'1 813	'73 147	'1 284	'2 497	'45 281	'147 758	'76 287	'225 184	'6 257
32311	Printing	3	'94	26	'1 720	'70 057	'1 213	'2 357	'43 374	'142 506	'73 599	'217 057	D
323110	Commercial lithographic printing	3	'54	15	g	D	D	D	D	D	D	D	'4 973

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ST. LOUIS (IC)—Con.													
325	Chemical manufacturing	1	61	32	4 637	238 724	2 741	5 671	120 543	2 281 044	1 423 156	3 749 998	77 740
3251	Basic chemical manufacturing ...	3	9	8	803	45 205	503	1 001	26 904	212 385	201 013	413 412	7 411
3254	Pharmaceutical and medicine manufacturing	1	11	6	1 917	99 294	915	1 891	37 652	820 550	327 025	1 158 152	D
32541	Pharmaceutical and medicine manufacturing	1	11	6	1 917	99 294	915	1 891	37 652	820 550	327 025	1 158 152	D
325412	Pharmaceutical preparation manufacturing	2	8	5	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	1	15	7	551	28 339	284	610	10 902	78 612	98 816	179 471	2 733
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	16	6	1 141	56 284	885	1 907	39 014	1 118 842	642 634	1 795 330	13 453
32561	Soap and cleaning compound manufacturing	—	14	6	g	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	—	10	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	30	13	851	30 157	615	1 315	17 964	67 191	61 101	125 600	7 081
3261	Plastics product manufacturing ..	—	22	9	f	D	D	D	D	D	D	D	6 341
332	Fabricated metal product manufacturing	1	131	46	3 116	128 469	2 195	4 290	74 919	224 070	164 737	388 904	9 180
3323	Architectural and structural metals manufacturing	—	28	11	673	27 174	408	814	12 893	46 664	44 527	91 008	671
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	37	13	772	34 085	611	1 230	24 252	72 134	30 198	100 472	3 125
33271	Machine shops	—	29	9	566	26 604	431	865	18 406	58 510	20 971	78 243	2 608
332710	Machine shops	—	29	9	566	26 604	431	865	18 406	58 510	20 971	78 243	2 608
3328	Coating, engraving, heat treating, and allied activities	1	27	6	503	23 492	311	638	10 955	29 781	17 042	46 886	2 952
33281	Coating, engraving, heat treating, and allied activities ..	1	27	6	503	23 492	311	638	10 955	29 781	17 042	46 886	2 952
333	Machinery manufacturing	—	43	17	2 350	101 914	1 342	2 243	44 603	207 335	131 684	346 264	6 369
3335	Metalworking machinery manufacturing	—	15	4	805	36 070	396	700	13 354	56 969	24 321	83 254	1 816
33351	Metalworking machinery manufacturing	—	15	4	805	36 070	396	700	13 354	56 969	24 321	83 254	1 816
333515	Cutting tool and machine tool accessory manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	11	4	1 037	43 366	661	1 007	22 381	107 648	70 066	181 665	D
33399	All other general purpose machinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	14	9	867	36 427	506	1 020	16 561	77 942	90 615	167 055	D
336	Transportation equipment manufacturing	—	13	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	10	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	31	16	832	28 570	623	1 256	17 010	60 531	34 548	94 799	D
339	Miscellaneous manufacturing	7	63	15	1 444	45 714	968	1 385	23 444	104 218	50 983	154 852	3 822
3391	Medical equipment and supplies manufacturing	8	23	5	793	24 086	521	523	11 525	65 767	22 183	87 912	2 659
33911	Medical equipment and supplies manufacturing	8	23	5	793	24 086	521	523	11 525	65 767	22 183	87 912	2 659
339112	Surgical and medical instrument manufacturing ..	9	4	3	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	4	40	10	651	21 628	447	862	11 919	38 451	28 800	66 940	1 163
ST. PETERS													
31-33	Manufacturing	1	49	14	1 593	63 932	1 112	2 157	38 804	316 469	168 307	474 759	20 125

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SEDALIA													
31-33	Manufacturing	1	42	19	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	13	5	750	25 136	640	1 191	20 451	82 424	52 775	134 387	2 494
3324	Boiler, tank, and shipping container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SIKESTON													
31-33	Manufacturing	-	40	16	1 686	52 031	1 400	2 241	40 072	245 422	251 135	494 975	12 903
311	Food manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SPRINGFIELD													
31-33	Manufacturing	1	287	89	13 097	444 935	9 066	17 724	262 187	1 478 818	1 759 772	3 221 084	99 619
311	Food manufacturing	1	25	11	h	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	4	3	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	2	3	3	g	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	8	5	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	6	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	17	8	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	50	15	2 010	79 384	1 337	2 728	41 488	140 338	99 454	239 821	7 676
3323	Architectural and structural metals manufacturing	3	17	6	615	21 133	427	820	11 901	37 569	32 995	70 476	1 647
3324	Boiler, tank, and shipping container manufacturing	1	7	4	g	D	D	D	D	D	D	D	5 134
33242	Metal tank (heavy gauge) manufacturing	1	7	4	g	D	D	D	D	D	D	D	5 134
332420	Metal tank (heavy gauge) manufacturing	1	7	4	g	D	D	D	D	D	D	D	5 134
333	Machinery manufacturing	1	21	8	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
333412	Industrial and commercial fan and blower manufacturing ..	1	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	13	7	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	5	4	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
SPRINGFIELD—Con.													
335	Electrical equipment, appliance, and component manufacturing	—	5	3	f	D	D	D	D	D	D	D	
3353	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	
33531	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	1	19	8	f	D	D	D	D	D	D	D	
SULLIVAN													
31-33	Manufacturing	5	21	6	g	D	D	D	D	D	D	7 214	
SUNSET HILLS													
31-33	Manufacturing	—	25	7	738	29 385	517	1 074	18 730	80 097	49 054	127 929	4 923
TRENTON													
31-33	Manufacturing	—	12	4	f	D	D	D	D	D	D	D	
UNION													
31-33	Manufacturing	—	37	10	1 168	37 257	956	1 830	26 031	288 748	120 511	415 475	16 926
WARRENSBURG													
31-33	Manufacturing	—	9	5	f	D	D	D	D	D	D	D	
WASHINGTON													
31-33	Manufacturing	—	48	23	3 050	98 484	2 378	4 582	67 467	290 747	208 315	499 552	9 317
332	Fabricated metal product manufacturing	—	10	4	f	D	D	D	D	D	D	D	
3329	Other fabricated metal product manufacturing	—	2	2	f	D	D	D	D	D	D	D	
33291	Metal valve manufacturing	—	2	2	f	D	D	D	D	D	D	D	
332911	Industrial valve manufacturing	—	2	2	f	D	D	D	D	D	D	D	
333	Machinery manufacturing	—	7	5	533	20 137	403	807	13 370	58 837	21 256	79 819	1 309
WEBB CITY													
31-33	Manufacturing	2	23	9	925	30 804	646	1 314	16 989	94 976	121 583	215 989	3 978
WENTZVILLE													
31-33	Manufacturing	—	27	9	h	D	D	D	D	D	D	17 137	
336	Transportation equipment manufacturing	—	4	2	h	D	D	D	D	D	D	D	
3361	Motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	
336112	Light truck and utility vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	
WEST PLAINS													
31-33	Manufacturing	—	33	10	2 102	57 187	1 679	3 327	41 266	198 106	173 093	372 681	6 040
333	Machinery manufacturing	1	5	1	f	D	D	D	D	D	D	D	
3339	Other general purpose machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	
33392	Material handling equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	
335	Electrical equipment, appliance, and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	
3353	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	
33531	Electrical equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF BARRY COUNTY													
31-33	Manufacturing	-	17	6	1 039	23 757	916	1 791	19 205	102 890	13 885	119 454	2 923
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF BUTLER COUNTY													
31-33	Manufacturing	-	21	2	g	D	D	D	D	D	D	D	1 414
333	Machinery manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF CAPE GIRARDEAU COUNTY													
31-33	Manufacturing	-	31	8	940	32 983	682	1 525	18 008	90 562	89 770	176 124	5 651
BALANCE OF CASS COUNTY													
31-33	Manufacturing	-	31	4	519	15 694	403	731	9 906	47 170	36 226	82 004	D
BALANCE OF CLAY COUNTY													
31-33	Manufacturing	-	14	3	i	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
BALANCE OF CRAWFORD COUNTY													
31-33	Manufacturing	1	24	6	539	11 042	502	894	9 893	49 597	56 667	105 049	1 725
BALANCE OF DENT COUNTY													
31-33	Manufacturing	-	13	5	612	16 966	536	971	13 401	45 458	56 357	100 157	D
BALANCE OF DUNKLIN COUNTY													
31-33	Manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
BALANCE OF FRANKLIN COUNTY													
31-33	Manufacturing	-	65	15	1 837	60 152	1 515	2 862	43 788	123 938	123 520	246 832	10 671
326	Plastics and rubber products manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF GREENE COUNTY													
31-33	Manufacturing	-	43	11	1 807	51 197	1 409	2 777	30 955	123 561	99 849	227 825	6 707
336	Transportation equipment manufacturing	-	6	3	g	D	D	D	D	D	D	D	3 550
3363	Motor vehicle parts manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
BALANCE OF HOWELL COUNTY													
31-33	Manufacturing	2	57	15	1 454	31 309	1 273	2 001	25 724	81 712	67 899	149 238	7 678
BALANCE OF JASPER COUNTY													
31-33	Manufacturing	1	44	10	f	D	D	D	D	D	D	D	D
BALANCE OF JEFFERSON COUNTY													
31-33	Manufacturing	2	132	22	2 289	78 532	1 737	3 515	52 020	288 640	270 447	563 681	14 151
333	Machinery manufacturing	2	11	4	501	14 848	372	820	9 317	29 787	32 032	66 542	D
BALANCE OF JOHNSON COUNTY													
31-33	Manufacturing	—	18	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3315	Foundries	—	1	1	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	—	1	1	f	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LACLEDE COUNTY													
31-33	Manufacturing	—	27	5	f	D	D	D	D	D	D	D	6 698
333	Machinery manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LINCOLN COUNTY													
31-33	Manufacturing	8	30	7	1 156	50 638	843	1 869	36 554	196 569	131 578	329 906	11 699
331	Primary metal manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3315	Foundries	9	1	1	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	9	1	1	f	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	9	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF MCDONALD COUNTY													
31-33	Manufacturing	—	31	10	2 778	64 730	2 445	4 891	50 112	215 928	160 586	374 783	14 848
311	Food manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	4	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	4	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	2	2	g	D	D	D	D	D	D	D	D
BALANCE OF MARION COUNTY													
31-33	Manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
BALANCE OF MONTGOMERY COUNTY													
31-33	Manufacturing	2	29	6	564	18 429	456	878	11 563	'45 030	'60 151	106 416	2 048
BALANCE OF NEWTON COUNTY													
31-33	Manufacturing	1	43	8	f	D	D	D	D	D	D	D	D
BALANCE OF NODAWAY COUNTY													
31-33	Manufacturing	—	12	2	f	D	D	D	D	D	D	D	D
BALANCE OF OSAGE COUNTY													
31-33	Manufacturing	—	28	7	766	26 084	586	1 176	15 867	120 048	140 295	259 373	2 110

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF PERRY COUNTY													
31-33	Manufacturing	-	16	7	597	16 553	538	1 217	13 408	42 075	53 680	99 083	D
BALANCE OF PETTIS COUNTY													
31-33	Manufacturing	2	22	4	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF PHELPS COUNTY													
31-33	Manufacturing	-	16	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF RIPLEY COUNTY													
31-33	Manufacturing	3	39	4	547	12 904	341	637	7 442	20 908	18 471	41 275	996
BALANCE OF ST. CHARLES COUNTY													
31-33	Manufacturing	3	57	8	f	D	D	D	D	D	D	D	3 337
BALANCE OF ST. LOUIS COUNTY													
31-33	Manufacturing	1	254	87	9 678	382 513	6 587	13 008	208 855	1 098 028	836 650	1 959 810	49 691
311	Food manufacturing	5	15	8	899	24 983	690	1 287	17 481	94 776	54 633	149 660	5 646
323	Printing and related support activities	-	45	12	1 031	46 072	607	1 226	24 332	126 568	76 943	202 924	9 193
3231	Printing and related support activities	-	45	12	1 031	46 072	607	1 226	24 332	126 568	76 943	202 924	9 193
32311	Printing	-	37	8	668	28 204	402	790	14 406	89 954	69 955	158 928	8 422
325	Chemical manufacturing	-	17	8	1 208	60 621	734	1 622	25 781	253 922	238 274	491 959	10 318
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	12	8	795	25 014	623	1 298	14 562	62 421	50 107	112 925	4 601
3261	Plastics product manufacturing ..	-	11	8	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	38	9	1 018	37 281	739	1 407	21 961	62 438	60 537	120 802	3 768
334	Computer and electronic product manufacturing	2	14	7	688	33 927	346	667	11 208	76 020	65 226	146 776	2 131
335	Electrical equipment, appliance, and component manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	10	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	6	2	f	D	D	D	D	D	D	D	2 339
339	Miscellaneous manufacturing	-	37	6	831	31 103	448	901	12 467	139 122	56 883	199 712	3 538
3391	Medical equipment and supplies manufacturing	-	20	4	519	19 832	263	533	7 824	112 447	38 043	153 297	2 376
33911	Medical equipment and supplies manufacturing	-	20	4	519	19 832	263	533	7 824	112 447	38 043	153 297	2 376

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF STODDARD COUNTY													
31-33	Manufacturing	-	23	9	894	25 936	687	1 269	19 337	288 195	34 179	319 200	6 643
BALANCE OF SULLIVAN COUNTY													
31-33	Manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF TEXAS COUNTY													
31-33	Manufacturing	3	46	9	889	21 798	664	1 332	14 984	54 787	37 694	92 193	1 720
BALANCE OF WARREN COUNTY													
31-33	Manufacturing	4	24	12	g	D	D	D	D	D	D	D	4 195
337	Furniture and related product manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF WEBSTER COUNTY													
31-33	Manufacturing	5	39	9	650	20 658	526	1 053	15 463	57 076	73 783	134 175	3 152

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

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

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

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

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

Table 5. Detailed Statistics for the State: 2002

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

Item	Value
MISSOURI	
Companies ¹	N
All establishments ²	'7 210
Establishments with 1 to 19 employees	5 017
Establishments with 20 to 99 employees	'1 523
Establishments with 100 employees or more	670
All employees ³	'319 974
Total compensation	\$1,000.. '15 716 473
Annual payroll	\$1,000.. '12 463 436
Total fringe benefits	\$1,000.. '3 253 037
Production workers, average for year	number.. '239 444
Production workers on March 12	number.. '239 506
Production workers on May 12	number.. '239 907
Production workers on August 12	number.. '239 570
Production workers on November 12	number.. '238 262
Production worker hours	1,000.. '460 970
Production worker wages	\$1,000.. '8 095 023
Total cost of materials	\$1,000.. '51 691 047
Materials, parts, containers, packaging, etc., used	\$1,000.. '47 867 638
Resales	\$1,000.. '2 204 296
Purchased fuels	\$1,000.. 436 273
Purchased electricity	\$1,000.. '704 865
Contract work	\$1,000.. '477 975
Quantity of electricity purchased for heat and power	1,000 kWh.. '16 911 646
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -11 846
Total value of shipments	\$1,000.. '92 909 173
Value of resales	\$1,000.. '2 779 312
Value added	\$1,000.. '41 528 244
Total inventories, beginning of year	\$1,000.. '10 151 338
Finished goods inventories	\$1,000.. '2 759 521
Work-in-process inventories	\$1,000.. '4 099 980
Materials and supplies inventories	\$1,000.. '3 294 266
Total inventories, end of year	\$1,000.. '9 766 108
Finished goods inventories	\$1,000.. '2 688 878
Work-in-process inventories	\$1,000.. '4 496 937
Materials and supplies inventories	\$1,000.. '2 582 366
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '34 163 361
Total capital expenditures (new and used)	\$1,000.. '2 280 359
Buildings and other structures (new and used)	\$1,000.. '417 538
Machinery and equipment (new and used)	\$1,000.. '1 862 821
Automobiles, trucks, etc., for highway use	\$1,000.. '54 425
Computers and peripheral data processing equipment	\$1,000.. '114 544
All other expenditures for machinery and equipment	\$1,000.. '1 693 852
Total retirements	\$1,000.. '2 409 616
Gross value of depreciable assets at end of year	\$1,000.. '34 034 104
Depreciation charges during year	\$1,000.. '2 266 378
Total rental payments	\$1,000.. '661 529
Buildings and other structures	\$1,000.. '333 821
Machinery and equipment	\$1,000.. '327 708

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

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

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

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

Appendix A.

Explanation of Terms

COMPANY

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

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

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

Establishment

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

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

PAYROLL

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

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

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

TOTAL FRINGE BENEFITS

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

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

NUMBER OF EMPLOYEES

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

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

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

Production Workers

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

All Other Employees

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

PRODUCTION-WORKER HOURS

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

COST OF MATERIALS

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

Included in this item are:

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

Specific materials consumed

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

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

QUANTITY OF ELECTRICITY PURCHASED FOR HEAT AND POWER

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

TOTAL VALUE OF SHIPMENTS

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

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

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

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

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

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

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

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

Duplication in cost of materials and value of shipment

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

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

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

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

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

Specialization and coverage ratio

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

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

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

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

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

VALUE ADDED

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

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

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

TOTAL END-OF-YEAR INVENTORIES

This item is comprised of:

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

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

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

Inventory valuations include:

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

GROSS VALUE OF DEPRECIABLE/DEPLETABLE ASSETS AT BEGINNING OF YEAR

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

Gross value of depreciable/depletable assets includes:

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

Excluded are nondepreciable capital assets including inventories and intangible assets.

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

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

CAPITAL EXPENDITURES FOR NEW AND USED PLANT AND EQUIPMENT

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

These data include expenditures for:

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

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

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

RETIREMENTS OF DEPRECIABLE ASSETS

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

RENTAL PAYMENTS

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

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

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

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

DEPRECIATION CHARGES FOR FIXED ASSETS

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

Appendix B.

NAICS Codes, Titles, and Descriptions

SECTOR 31-33 MANUFACTURING

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

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

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

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

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

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

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

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

311 FOOD MANUFACTURING

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

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

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

3111 ANIMAL FOOD MANUFACTURING

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

31111 ANIMAL FOOD MANUFACTURING

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

311111 DOG AND CAT FOOD MANUFACTURING

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

311119 OTHER ANIMAL FOOD MANUFACTURING

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

3112 GRAIN AND OILSEED MILLING

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

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

31121 FLOUR MILLING AND MALT MANUFACTURING

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

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

311211 FLOUR MILLING

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

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

311212 RICE MILLING

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

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

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

311213 MALT MANUFACTURING

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

31122 STARCH AND VEGETABLE FATS AND OILS MANUFACTURING

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

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

311221 WET CORN MILLING

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

311222 SOYBEAN PROCESSING

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

311223 OTHER OILSEED PROCESSING

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

311225 FATS AND OILS REFINING AND BLENDING

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

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

31123 BREAKFAST CEREAL MANUFACTURING

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

311230 BREAKFAST CEREAL MANUFACTURING

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

3113 SUGAR AND CONFECTIONERY PRODUCT MANUFACTURING

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

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

31131 SUGAR MANUFACTURING

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

311311 SUGARCANE MILLS

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

311312 CANE SUGAR REFINING

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

311313 BEET SUGAR MANUFACTURING

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

31132 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

311320 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

31133 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

311330 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

3114 FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOOD MANUFACTURING

This industry group comprises establishments primarily engaged in the following:

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

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

31141 FROZEN FOOD MANUFACTURING

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

311411 FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING

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

311412 FROZEN SPECIALTY FOOD MANUFACTURING

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

31142 FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING

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

311421 FRUIT AND VEGETABLE CANNING

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

311422 SPECIALTY CANNING

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

311423 DRIED AND DEHYDRATED FOOD MANUFACTURING

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

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

3115 DAIRY PRODUCT MANUFACTURING

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

31151 DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING

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

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

311511 FLUID MILK MANUFACTURING

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

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

311512 CREAMERY BUTTER MANUFACTURING

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

311513 CHEESE MANUFACTURING

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

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

311514 DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING

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

31152 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

311520 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

3116 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

31161 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

311611 ANIMAL (EXCEPT POULTRY) SLAUGHTERING

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

311612 MEAT PROCESSED FROM CARCASSES

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

311613 RENDERING AND MEAT BYPRODUCT PROCESSING

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

311615 POULTRY PROCESSING

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

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

3117 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

31171 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

311711 SEAFOOD CANNING

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

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

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

311712 FRESH AND FROZEN SEAFOOD PROCESSING

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

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

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

3118 Bakeries and Tortilla Manufacturing

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

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

31181 Bread and Bakery Product Manufacturing

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

311811 Retail Bakeries

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

311812 Commercial Bakeries

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

311813 Frozen Cakes, Pies, and Other Pastries Manufacturing

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

31182 Cookie, Cracker, and Pasta Manufacturing

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

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

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

311821 Cookie and Cracker Manufacturing

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

311822 Flour Mixes and Dough Manufacturing from Purchased Flour

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

311823 Dry Pasta Manufacturing

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

311821 COOKIE AND CRACKER MANUFACTURING

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

311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR

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

311823 DRY PASTA MANUFACTURING

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

31183 TORTILLA MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing tortillas.

311830 TORTILLA MANUFACTURING

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

3119 OTHER FOOD MANUFACTURING

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

31191 SNACK FOOD MANUFACTURING

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

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

311911 ROASTED NUTS AND PEANUT BUTTER MANUFACTURING

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

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

311919 OTHER SNACK FOOD MANUFACTURING

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

31192 COFFEE AND TEA MANUFACTURING

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

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

311920 COFFEE AND TEA MANUFACTURING

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

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

31193 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

311930 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

31194 SEASONING AND DRESSING MANUFACTURING

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

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

311941 MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING

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

311942 SPICE AND EXTRACT MANUFACTURING

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

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

31199 ALL OTHER FOOD MANUFACTURING

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

311991 PERISHABLE PREPARED FOOD MANUFACTURING

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

311999 ALL OTHER MISCELLANEOUS FOOD MANUFACTURING

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

312 BEVERAGE AND TOBACCO PRODUCT MANUFACTURING

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

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

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

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

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

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

3121 BEVERAGE MANUFACTURING

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

31211 SOFT DRINK AND ICE MANUFACTURING

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

1. Manufacturing soft drinks;

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

312111 SOFT DRINK MANUFACTURING

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

312112 BOTTLED WATER MANUFACTURING

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

312113 ICE MANUFACTURING

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

31212 BREWERIES

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

312120 BREWERIES

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

31213 WINERIES

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

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

312130 WINERIES

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

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

31214 DISTILLERIES

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

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

312140 DISTILLERIES

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

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

3122 TOBACCO MANUFACTURING

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

31221 TOBACCO STEMMING AND REDRYING

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

312210 TOBACCO STEMMING AND REDRYING

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

31222 TOBACCO PRODUCT MANUFACTURING

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

312221 CIGARETTE MANUFACTURING

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

312229 OTHER TOBACCO PRODUCT MANUFACTURING

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

313 TEXTILE MILLS

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

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

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

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

3131 FIBER, YARN, AND THREAD MILLS

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

31311 FIBER, YARN, AND THREAD MILLS

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

1. spinning yarn

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

313111 YARN SPINNING MILLS

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

313112 YARN TEXTURIZING, THROWING, AND TWISTING MILLS

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

313113 THREAD MILLS

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

3132 FABRIC MILLS

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

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

31321 BROADWOVEN FABRIC MILLS

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

313210 BROADWOVEN FABRIC MILLS

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

31322 NARROW FABRIC MILLS AND SCHIFFLI MACHINE EMBROIDERY

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

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

313221 NARROW FABRIC MILLS

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

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

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

313222 SCHIFFLI MACHINE EMBROIDERY

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

31323 NONWOVEN FABRIC MILLS

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

313230 NONWOVEN FABRIC MILLS

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

31324 KNIT FABRIC MILLS

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

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

313241 WEFT KNIT FABRIC MILLS

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

313249 OTHER KNIT FABRIC AND LACE MILLS

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

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

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

3133 TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS

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

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

31331 TEXTILE AND FABRIC FINISHING MILLS

This industry comprises:

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

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

313311 BROADWOVEN FABRIC FINISHING MILLS

This U.S. industry comprises:

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

313312 TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS

This U.S. industry comprises:

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

31332 FABRIC COATING MILLS

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

313320 FABRIC COATING MILLS

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

314 TEXTILE PRODUCT MILLS

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

3141 TEXTILE FURNISHINGS MILLS

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

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

31411 CARPET AND RUG MILLS

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

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

314110 CARPET AND RUG MILLS

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

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

31412 CURTAIN AND LINEN MILLS

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

314121 CURTAIN AND DRAPERY MILLS

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

314129 OTHER HOUSEHOLD TEXTILE PRODUCT MILLS

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

3149 OTHER TEXTILE PRODUCT MILLS

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

31491 TEXTILE BAG AND CANVAS MILLS

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

314911 TEXTILE BAG MILLS

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

314912 CANVAS AND RELATED PRODUCT MILLS

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

31499 ALL OTHER TEXTILE PRODUCT MILLS

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

314991 ROPE, CORDAGE, AND TWINE MILLS

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

314992 TIRE CORD AND TIRE FABRIC MILLS

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

314999 ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS

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

315 APPAREL MANUFACTURING

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

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

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

3151 APPAREL KNITTING MILLS

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

31511 HOSIERY AND SOCK MILLS

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

315111 SHEER HOSIERY MILLS

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

315119 OTHER HOSIERY AND SOCK MILLS

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

31519 OTHER APPAREL KNITTING MILLS

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

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

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

315191 OUTERWEAR KNITTING MILLS

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

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

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

315192 UNDERWEAR AND NIGHTWEAR KNITTING MILLS

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

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

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

3152 CUT AND SEW APPAREL MANUFACTURING

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

31521 CUT AND SEW APPAREL CONTRACTORS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

31529 OTHER CUT AND SEW APPAREL MANUFACTURING

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

315291 INFANTS' CUT AND SEW APPAREL MANUFACTURING

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

315292 FUR AND LEATHER APPAREL MANUFACTURING

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

315299 ALL OTHER CUT AND SEW APPAREL MANUFACTURING

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

3159 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

31599 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

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

315991 HAT, CAP, AND MILLINERY MANUFACTURING

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

315992 GLOVE AND MITTEN MANUFACTURING

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

315993 MEN'S AND BOYS' NECKWEAR MANUFACTURING

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

315999 OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

316 LEATHER AND ALLIED PRODUCT MANUFACTURING

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

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

3161 LEATHER AND HIDE TANNING AND FINISHING

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

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

31611 LEATHER AND HIDE TANNING AND FINISHING

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

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

316110 LEATHER AND HIDE TANNING AND FINISHING

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

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

3162 FOOTWEAR MANUFACTURING

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

31621 FOOTWEAR MANUFACTURING

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

316211 RUBBER AND PLASTICS FOOTWEAR MANUFACTURING

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

316212 HOUSE SLIPPER MANUFACTURING

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

316213 MEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316214 WOMEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316219 OTHER FOOTWEAR MANUFACTURING

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

3169 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

31699 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

316991 LUGGAGE MANUFACTURING

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

316992 WOMEN'S HANDBAG AND PURSE MANUFACTURING

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

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

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

316999 ALL OTHER LEATHER GOOD MANUFACTURING

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

321 WOOD PRODUCT MANUFACTURING

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

3211 SAWMILLS AND WOOD PRESERVATION

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

32111 SAWMILLS AND WOOD PRESERVATION

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

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

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

321113 SAWMILLS

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

321114 WOOD PRESERVATION

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

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

3212 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

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

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

32121 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

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

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

321211 HARDWOOD VENEER AND PLYWOOD MANUFACTURING

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

321212 SOFTWOOD VENEER AND PLYWOOD MANUFACTURING

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

321213 ENGINEERED WOOD MEMBER (EXCEPT TRUSS) MANUFACTURING

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

321214 TRUSS MANUFACTURING

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

321219 RECONSTITUTED WOOD PRODUCT MANUFACTURING

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

3219 OTHER WOOD PRODUCT MANUFACTURING

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

32191 MILLWORK

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

321911 WOOD WINDOW AND DOOR MANUFACTURING

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

321912 CUT STOCK, RESAWING LUMBER, AND PLANING

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

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

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

321918 OTHER MILLWORK (INCLUDING FLOORING)

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

32192 WOOD CONTAINER AND PALLET MANUFACTURING

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

321920 WOOD CONTAINER AND PALLET MANUFACTURING

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

32199 ALL OTHER WOOD PRODUCT MANUFACTURING

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

321991 MANUFACTURED HOME (MOBILE HOME) MANUFACTURING

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

321992 PREFABRICATED WOOD BUILDING MANUFACTURING

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

321999 ALL OTHER MISCELLANEOUS WOOD PRODUCT MANUFACTURING

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

322 PAPER MANUFACTURING

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

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

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

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

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

3221 PULP, PAPER, AND PAPERBOARD MILLS

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

32211 PULP MILLS

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

322110 PULP MILLS

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

32212 PAPER MILLS

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

322121 PAPER (EXCEPT NEWSPRINT) MILLS

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

322122 NEWSPRINT MILLS

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

32213 PAPERBOARD MILLS

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

322130 PAPERBOARD MILLS

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

3222 CONVERTED PAPER PRODUCT MANUFACTURING

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

32221 PAPERBOARD CONTAINER MANUFACTURING

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

322211 CORRUGATED AND SOLID FIBER BOX MANUFACTURING

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

322212 FOLDING PAPERBOARD BOX MANUFACTURING

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

322213 SETUP PAPERBOARD BOX MANUFACTURING

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

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

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

322215 NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING

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

32222 PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING

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

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

322221 COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING

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

1. cutting and coating paper and

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

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

322222 COATED AND LAMINATED PAPER MANUFACTURING

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

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

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

322223 PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING

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

322224 UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING

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

322225 LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES

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

322226 SURFACE-COATED PAPERBOARD MANUFACTURING

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

32223 STATIONERY PRODUCT MANUFACTURING

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

322231 DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING

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

322232 ENVELOPE MANUFACTURING

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

322233 STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING

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

32229 OTHER CONVERTED PAPER PRODUCT MANUFACTURING

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

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

Processes used include laminating or lining purchased paper or paperboard.

322291 SANITARY PAPER PRODUCT MANUFACTURING

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

322299 ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING

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

323 PRINTING AND RELATED SUPPORT ACTIVITIES

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

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

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

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

3231 PRINTING AND RELATED SUPPORT ACTIVITIES

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

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

32311 PRINTING

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

323110 COMMERCIAL LITHOGRAPHIC PRINTING

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

323111 COMMERCIAL GRAVURE PRINTING

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

323112 COMMERCIAL FLEXOGRAPHIC PRINTING

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

323113 COMMERCIAL SCREEN PRINTING

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

323114 QUICK PRINTING

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

323115 DIGITAL PRINTING

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

323116 MANIFOLD BUSINESS FORMS PRINTING

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

323117 BOOKS PRINTING

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

323118 BLANKBOOK, LOOSELEAF BINDERS, AND DEVICES MANUFACTURING

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

323119 OTHER COMMERCIAL PRINTING

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

32312 SUPPORT ACTIVITIES FOR PRINTING

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

323121 TRADEBINDING AND RELATED WORK

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

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

323122 PREPRESS SERVICES

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

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

324 PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

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

3241 PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

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

32411 PETROLEUM REFINERIES

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

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

324110 PETROLEUM REFINERIES

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

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

32412 ASPHALT PAVING, ROOFING, AND SATURATED MATERIALS MANUFACTURING

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

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

324121 ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

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

324122 ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING

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

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

32419 OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

324191 PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING

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

324199 ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

325 CHEMICAL MANUFACTURING

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

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

3251 BASIC CHEMICAL MANUFACTURING

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

32511 PETROCHEMICAL MANUFACTURING

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

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

325110 PETROCHEMICAL MANUFACTURING

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

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

32512 INDUSTRIAL GAS MANUFACTURING

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

325120 INDUSTRIAL GAS MANUFACTURING

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

32513 SYNTHETIC DYE AND PIGMENT MANUFACTURING

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

325131 INORGANIC DYE AND PIGMENT MANUFACTURING

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

325132 SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING

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

32518 OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

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

325181 ALKALIES AND CHLORINE MANUFACTURING

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

325182 CARBON BLACK MANUFACTURING

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

325188 ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

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

32519 OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

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

325191 GUM AND WOOD CHEMICAL MANUFACTURING

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

325192 CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING

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

325193 ETHYL ALCOHOL MANUFACTURING

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

325199 ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

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

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

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

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

32521 RESIN AND SYNTHETIC RUBBER MANUFACTURING

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

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

325211 PLASTICS MATERIAL AND RESIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in

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

325212 SYNTHETIC RUBBER MANUFACTURING

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

32522 ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING

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

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

325221 CELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

325222 NONCELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

3253 PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

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

32531 FERTILIZER MANUFACTURING

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

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

325311 NITROGENOUS FERTILIZER MANUFACTURING

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

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

325312 PHOSPHATIC FERTILIZER MANUFACTURING

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

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

325314 FERTILIZER (MIXING ONLY) MANUFACTURING

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

32532 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

325320 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

3254 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

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

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

32541 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

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

325411 MEDICINAL AND BOTANICAL MANUFACTURING

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

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

325412 PHARMACEUTICAL PREPARATION MANUFACTURING

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

325413 IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

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

325414 BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

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

3255 PAINT, COATING, AND ADHESIVE MANUFACTURING

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

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

32551 PAINT AND COATING MANUFACTURING

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

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

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

325510 PAINT AND COATING MANUFACTURING

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

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

32552 ADHESIVE MANUFACTURING

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

325520 ADHESIVE MANUFACTURING

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

3256 SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING

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

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

32561 SOAP AND CLEANING COMPOUND MANUFACTURING

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

325611 SOAP AND OTHER DETERGENT MANUFACTURING

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

325612 POLISH AND OTHER SANITATION GOOD MANUFACTURING

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

325613 SURFACE ACTIVE AGENT MANUFACTURING

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

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

32562 TOILET PREPARATION MANUFACTURING

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

325620 TOILET PREPARATION MANUFACTURING

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

3259 OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

32591 PRINTING INK MANUFACTURING

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

325910 PRINTING INK MANUFACTURING

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

32592 EXPLOSIVES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing explosives.

325920 EXPLOSIVES MANUFACTURING

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

32599 ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

325991 CUSTOM COMPOUNDING OF PURCHASED RESINS

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

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

325992 PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING

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

325998 ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

326 PLASTICS AND RUBBER PRODUCTS MANUFACTURING

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

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

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

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

3261 PLASTICS PRODUCT MANUFACTURING

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

32611 PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING

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

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

326111 PLASTICS BAG MANUFACTURING

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

1. converting plastics resins into plastics bags or

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

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

326112 PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

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

326113 UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING

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

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

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

326121 UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING

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

326122 PLASTICS PIPE AND PIPE FITTING MANUFACTURING

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

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

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

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

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

32614 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

32615 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

32616 PLASTICS BOTTLE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics bottles.

326160 PLASTICS BOTTLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics bottles.

32619 OTHER PLASTICS PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing resilient floor covering and other plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, and bottles).

326191 PLASTICS PLUMBING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics or fiberglass plumbing fixtures. Examples of products made by these establishments are plastics or fiberglass bathtubs, hot tubs, portable toilets, and shower stalls.

326192 RESILIENT FLOOR COVERING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing resilient floor coverings for permanent installation.

326199 ALL OTHER PLASTICS PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, bottles, plumbing fixtures, and resilient floor coverings).

3262 RUBBER PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in processing natural, and synthetic or reclaimed rubber materials into intermediate or final products using processes such as vulcanizing, cementing, molding, extruding, and lathe-cutting.

32621 TIRE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber and retreading or rebuilding tires.

326211 TIRE MANUFACTURING (EXCEPT RETREADING)

This U.S. industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber.

326212 TIRE RETREADING

This U.S. industry comprises establishments primarily engaged in retreading or rebuilding tires.

32622 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

326220 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

32629 OTHER RUBBER PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing rubber products (except tires, hoses, and belting) from natural and synthetic rubber.

326291 RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE

This U.S. industry comprises establishments primarily engaged in molding, extruding, or lathe-cutting rubber to manufacture rubber goods (except tubing) for mechanical applications. Products of this industry are generally parts for motor vehicles, machinery, and equipment.

326299 ALL OTHER RUBBER PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rubber products (except tires; hoses and belting; and molded, extruded, and lathe-cut rubber goods for mechanical applications) from natural and synthetic rubber.

327 NONMETALLIC MINERAL PRODUCT MANUFACTURING

The Nonmetallic Mineral Product Manufacturing subsector transforms mined or quarried nonmetallic minerals, such as sand, gravel, stone, clay, and refractory materials, into products for intermediate or final consumption. Processes used include grinding, mixing, cutting, shaping, and honing. Heat often is used in the process and chemicals are frequently mixed to change the composition, purity, and chemical properties for the intended product. For example, glass is produced by heating silica sand to the melting point (sometimes combined with cullet or recycled glass) and then drawn, floated, or blow molded to the desired shape or thickness. Refractory materials are heated and then formed into bricks or other shapes for use in industrial applications. The Nonmetallic Mineral Product Manufacturing subsector includes establishments that manufacture products, such as bricks, refractories, ceramic products, and glass and glass products, such as plate glass and containers. Also included are cement and concrete products, lime, gypsum and other nonmetallic mineral products including abrasive products, ceramic plumbing fixtures, statuary, cut stone products, and mineral wool. The products are used in a wide range of activities from construction and heavy and light manufacturing to articles for personal use.

Mining, beneficiating, and manufacturing activities often occur in a single location. Separate receipts will be collected for these activities whenever possible. When receipts cannot be broken out between mining and manufacturing, establishments that mine or quarry nonmetallic minerals, beneficiate the nonmetallic minerals and further process the nonmetallic minerals into a more finished manufactured product are classified based on the primary activity of the establishment. A mine that manufactures a small amount of finished products will be classified in Sector 21, Mining. An establishment that mines whose primary output is a more-finished manufactured product will be classified in the Manufacturing Sector.

Excluded from the Nonmetallic Mineral Product Manufacturing subsector are establishments that primarily beneficiate mined nonmetallic minerals. Beneficiation is the process whereby the extracted material is reduced to particles that can be separated into mineral and waste, the former suitable for further processing or direct use. Beneficiation establishments are included in Sector 21, Mining.

3271 CLAY PRODUCT AND REFRACTORY MANUFACTURING

This industry group comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials and/or shaping, molding, baking, burning, or hardening clay refractories, non-clay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

32711 POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING

This industry comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials.

327111 VITREOUS CHINA PLUMBING FIXTURE AND CHINA AND EARTHENWARE BATHROOM ACCESSORIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing vitreous china plumbing fixtures and china and earthenware bathroom accessories, such as faucet handles, towel bars, and soap dishes.

327112 VITREOUS CHINA, FINE EARTHENWARE, AND OTHER POTTERY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing table and kitchen articles, art and ornamental items, and similar vitreous china, fine earthenware, stoneware, coarse earthenware, and pottery products.

327113 PORCELAIN ELECTRICAL SUPPLY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, ferrite or ceramic magnets, and electronic and electrical supplies from nonmetallic minerals, such as clay and ceramic materials.

32712 CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING

This industry comprises establishments primarily engaged in shaping, molding, baking, burning, or hardening clay refractories, nonclay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

327121 BRICK AND STRUCTURAL CLAY TILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing brick and structural clay tiles.

327122 CERAMIC WALL AND FLOOR TILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ceramic wall and floor tiles.

327123 OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing clay sewer pipe, drain tile, flue lining tile, architectural terra-cotta, and other structural clay products.

327124 CLAY REFRACTORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing clay refractory, mortar, brick, block, tile, and fabricated clay refractories, such as melting pots. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

327125 NONCLAY REFRACTORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonclay refractory, mortar, brick, block, tile, and fabricated nonclay refractories such as graphite, magnesite, silica, or alumina crucibles. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

3272 GLASS AND GLASS PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

32721 GLASS AND GLASS PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

327211 FLAT GLASS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing flat glass by melting silica sand or cullet; or
2. manufacturing both flat glass and laminated glass by melting silica sand or cullet.

327212 OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing glass by melting silica sand or cullet and making pressed, blown, or shaped glass or glassware (except glass packaging containers).

327213 GLASS CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing glass packaging containers.

327215 GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS

This U.S. industry comprises establishments primarily engaged in coating, laminating, tempering, or shaping purchased glass.

3273 CEMENT AND CONCRETE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Cement manufacturing;
2. Ready-mix concrete manufacturing;
3. Concrete pipe, brick, and block manufacturing; and/or
4. Other concrete product manufacturing.

32731 CEMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

327310 CEMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

32732 READY-MIX CONCRETE MANUFACTURING

This industry comprises establishments, such as batch plants or mix plants, primarily engaged in manufacturing concrete delivered to a purchaser in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

327320 READY-MIX CONCRETE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete delivered to a purchaser, such as batch plants or mix plants, in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

32733 CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete pipe, brick, and block.

327331 CONCRETE BLOCK AND BRICK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete block and brick.

327332 CONCRETE PIPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete pipe.

32739 OTHER CONCRETE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

327390 OTHER CONCRETE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

3274 LIME AND GYPSUM PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells and/or gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work.

32741 LIME MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

327410 LIME MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

32742 GYPSUM PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

327420 GYPSUM PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

3279 OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except clay products, refractory products, glass products, cement and concrete products, lime, and gypsum products).

32791 ABRASIVE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

327910 ABRASIVE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

32799 ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; and abrasive products).

327991 CUT STONE AND STONE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, shaping, and finishing granite, marble, limestone, slate, and other stone for building and miscellaneous uses. Stone product manufacturing establishments may mine, quarry, or purchase stone.

327992 GROUND OR TREATED MINERAL AND EARTH MANUFACTURING

This U.S. industry comprises establishments primarily engaged in calcining, dead burning, or otherwise processing beyond beneficiation, clays, ceramic and refractory minerals, barite, and miscellaneous nonmetallic minerals.

327993 MINERAL WOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mineral wool and mineral wool (i.e., fiberglass) insulation products made of such siliceous materials as rock, slag, and glass or combinations thereof.

327999 ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; abrasive products; cut stone and stone products; ground and treated minerals and earth; and mineral wool).

331 PRIMARY METAL MANUFACTURING

Industries in the Primary Metal Manufacturing subsector smelt and/or refine ferrous and nonferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgical techniques. Establishments in this subsector also manufacture metal alloys and superalloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing, and extruding operations to make sheet, strip, bar, rod, or wire, and in molten form to make castings and other basic metal products.

Primary manufacturing of ferrous and nonferrous metals begins with ore or concentrate as the primary input. Establishments manufacturing primary metals from ore and/or concentrate remain classified in the primary smelting, primary refining, or iron and steel mill industries regardless of the form of their output. Establishments primarily engaged in secondary smelting and/or secondary refining recover ferrous and nonferrous metals from scrap and/or dross. The output of the secondary smelting and/or secondary refining industries is limited to shapes, such as ingot or billet, that will be further processed. Recovery of metals from scrap often occurs in establishments that are primarily engaged in activities, such as rolling, drawing, extruding, or similar processes.

Excluded from the Primary Metal Manufacturing subsector are establishments primarily engaged in manufacturing ferrous and nonferrous forgings (except ferrous forgings made in steel mills) and stampings. Although forging, stamping, and casting are all methods used to make metal shapes, forging and stamping do not use molten metals and are included in Subsector 332, Fabricated Metal Product Manufacturing. Establishments primarily engaged in operating coke ovens are classified in Industry 32419, Other Petroleum and Coal Products Manufacturing.

3311 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Direct reduction of iron ore;
2. Manufacturing pig iron in molten or solid form;
3. Converting pig iron into steel;
4. Manufacturing ferroalloys;
5. Making steel;
6. Making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. Making steel and forming pipe and tube.

33111 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. direct reduction of iron ore;
2. manufacturing pig iron in molten or solid form;
3. converting pig iron into steel;
4. manufacturing ferroalloys;
5. making steel;
6. making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. making steel and forming pipe and tube.

331111 IRON AND STEEL MILLS

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. direct reduction of iron ore;

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2. manufacturing pig iron in molten or solid form;
 3. converting pig iron into steel;
 4. making steel;
 5. making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); and
 6. making steel and forming tube and pipe.

331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

3312 STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL

This industry group comprises establishments primarily engaged in manufacturing iron and steel tube and pipe; drawing steel wire; and rolling or drawing shapes from purchased iron or steel.

33121 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

This industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

331210 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

This U.S. industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

33122 ROLLING AND DRAWING OF PURCHASED STEEL

This industry comprises establishments primarily engaged in rolling and/or drawing steel shapes, such as plate, sheet, strip, rod, and bar, from purchased steel.

331221 ROLLED STEEL SHAPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in rolling or drawing shapes (except wire), such as plate, sheet, strip, rod, and bar, from purchased steel.

331222 STEEL WIRE DRAWING

This U.S. industry comprises establishments primarily engaged in drawing wire from purchased steel.

3313 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Refining alumina;
2. Making (i.e., the primary production) aluminum from alumina;
3. Recovering aluminum from scrap or dross;
4. Alloying purchased aluminum; and
5. Manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

33131 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

This industry comprises establishments primarily engaged in one or more of the following:

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1. refining alumina;
 2. making (i.e., the primary production) aluminum from alumina;
 3. recovering aluminum from scrap or dross;
 4. alloying purchased aluminum; and
 5. manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

331311 ALUMINA REFINING

This U.S. industry comprises establishments primarily engaged in refining alumina (i.e., aluminum oxide) generally from bauxite.

331312 PRIMARY ALUMINUM PRODUCTION

This U.S. industry comprises establishments primarily engaged in:

1. making aluminum from alumina and/or
2. making aluminum from alumina and rolling, drawing, extruding, or casting the aluminum they make into primary forms (e.g., bar, billet, ingot, plate, rod, sheet, and strip).

Establishments in this industry may make primary aluminum or aluminum-based alloys from alumina.

331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM

This U.S. industry comprises establishments primarily engaged in:

1. recovering aluminum and aluminum alloys from scrap and/or dross (i.e., secondary smelting) and making billet or ingot (except by rolling) and/or
2. manufacturing alloys, powder, paste, or flake from purchased aluminum.

331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. flat rolling or continuous casting sheet, plate, foil, and welded tube from purchased aluminum and/or
2. recovering aluminum from scrap and flat rolling or continuous casting sheet, plate, foil, and welded tube in integrated mills.

331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. extruding aluminum bar, pipe, and tube blooms or extruding or drawing tube from purchased aluminum and/or
2. recovering aluminum from scrap and extruding bar, pipe, and tube blooms or drawing tube in integrated mills.

331319 OTHER ALUMINUM ROLLING AND DRAWING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) from purchased aluminum and/or
2. recovering aluminum from scrap and rolling, drawing or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) in integrated mills.

3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING

This industry group comprises establishments primarily engaged in one of the following:

1. Nonferrous metal (except aluminum) smelting and refining;
2. Copper rolling, drawing, extruding, and alloying; and/or
3. Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying.

33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING

This industry comprises establishments primarily engaged in:

1. smelting ores into nonferrous metals and/or
2. the primary refining of nonferrous metals (except aluminum) using electrolytic or other processes.

331411 PRIMARY SMELTING AND REFINING OF COPPER

This U.S. industry comprises establishments primarily engaged in one of the following:

1. smelting copper ore and/or
2. the primary refining of copper by electrolytic methods or other processes.

Establishments in this industry make primary copper and copper-based alloys, such as brass and bronze, from ore or concentrates.

331419 PRIMARY SMELTING AND REFINING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

This U.S. industry comprises establishments primarily engaged in:

1. making (primary production) nonferrous metals by smelting ore and/or
2. the primary refining of nonferrous metals by electrolytic methods or other processes.

33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering copper or copper alloys from scraps;
2. alloying purchased copper;
3. rolling, drawing, or extruding shapes, (e.g., bar, plate, sheet, strip, tube, wire) from purchased copper; and
4. recovering copper or copper alloys from scrap and rolling drawing, or extruding shapes (e.g., bar, plate, sheet, strip, tube, wire).

331421 COPPER ROLLING, DRAWING, AND EXTRUDING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire)) from purchased copper and/or
2. recovering copper from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire) in integrated mills.

331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING

This U.S. industry comprises establishments primarily engaged in drawing or drawing and insulating communication and energy wire and cable from purchased copper or in integrated secondary smelting and wire drawing plants.

331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER

This U.S. industry comprises establishments primarily engaged in:

1. recovering copper and copper alloys from scrap and/or
2. alloying purchased copper.

Establishments in this industry make primary forms, such as ingot, wire bar, cake, and slab from copper or copper alloys, such as brass and bronze.

33149 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, EXTRUDING, AND ALLOYING

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering nonferrous metals (except copper and aluminum) and nonferrous metal alloys from scrap;
2. alloying purchased nonferrous metals (except copper and aluminum);
3. rolling, drawing, and extruding shapes from purchased nonferrous metals (except copper and aluminum); and
4. recovering nonferrous metals from scrap (except copper and aluminum) and rolling, drawing, or extruding shapes in integrated facilities.

331491 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) from purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) in integrated mills.

331492 SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

This U.S. industry comprises establishments primarily engaged in:

1. alloying purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap.

Establishments in this industry make primary forms (e.g., bar, billet, bloom, cake, ingot, slab, slug, and wire) using smelting or refining processes.

3315 FOUNDRIES

This industry group comprises establishments primarily engaged in pouring molten metal into molds or dies to form castings. Establishments making castings and further manufacturing, such as machining or assembling, a specific manufactured product are classified in the industry of the finished product. Foundries may perform operations, such as cleaning and deburring, on the castings they manufacture. More involved processes, such as tapping, threading, milling, or machining to tight tolerances, that transform castings into more finished products are classified elsewhere in the manufacturing sector based on the product being made.

Establishments in this industry group make castings from purchased metals or in integrated secondary smelting and casting facilities. When the production of primary metals is combined with making castings, the establishment is classified in 331 with the primary metal being made.

33151 FERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring molten iron and steel into molds of a desired shape to make castings. Establishments in this industry purchase iron and steel made in other establishments.

331511 IRON FOUNDRIES

This U.S. industry comprises establishments primarily engaged in pouring molten pig iron or iron alloys into molds to manufacture castings (e.g., cast iron manhole covers, cast iron pipe, cast iron skillets). Establishments in this industry purchase iron made in other establishments.

331512 STEEL INVESTMENT FOUNDRIES

This U.S. industry comprises establishments primarily engaged in manufacturing steel investment castings. Investment molds are formed by covering a wax shape with a refractory slurry. After the refractory slurry hardens, the wax is melted, leaving a seamless mold. Investment molds provide highly detailed, consistent castings. Establishments in this industry purchase steel made in other establishments.

331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)

This U.S. industry comprises establishments primarily engaged in manufacturing steel castings (except steel investment castings). Establishments in this industry purchase steel made in other establishments.

33152 NONFERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring and/or introducing molten nonferrous metal, under high pressure, into metal molds or dies to manufacture castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331521 ALUMINUM DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten aluminum, under high pressure, into molds or dies to make aluminum die-castings. Establishments in this industry purchase aluminum made in other establishments.

331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten nonferrous metal (except aluminum), under high pressure, into molds to make nonferrous metal die-castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten aluminum into molds to manufacture aluminum castings. Establishments in this industry purchase aluminum made in other establishments.

331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten copper into molds to manufacture copper castings. Establishments in this industry purchase copper made in other establishments.

331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten nonferrous metals (except aluminum and copper) into molds to manufacture nonferrous castings (except aluminum die-castings, nonferrous (except aluminum) die-castings, aluminum castings, and copper castings). Establishments in this industry purchase nonferrous metals, such as nickel, lead, and zinc, made in other establishments.

332 FABRICATED METAL PRODUCT MANUFACTURING

Industries in the Fabricated Metal Product Manufacturing subsector transform metal into intermediate or end products, other than machinery, computers and electronics, and metal furniture or treating metals and metal formed products fabricated elsewhere. Important fabricated metal processes are forging, stamping, bending, forming, and machining, used to shape individual pieces of metal; and other processes, such as welding and assembling, used to join separate parts together. Establishments in this subsector may use one of these processes or a combination of these processes.

The NAICS structure for this subsector distinguishes the forging and stamping processes in a single industry. The remaining industries, in the subsector, group establishments based on similar combinations of processes used to make products.

The manufacturing performed in the Fabricated Metal Product Manufacturing subsector begins with manufactured metal shapes. The establishments in this sector further fabricate the purchased metal shapes into a product. For instance, the Spring and Wire Product Manufacturing industry starts with wire and fabricates such items.

Within manufacturing there are other establishments that make the same products made by this subsector; only these establishments begin production further back in the production process. These establishments have a more integrated operation. For instance, one establishment may manufacture steel, draw it into wire, and make wire products in the same establishment. Such operations are classified in the Primary Metal Manufacturing subsector.

3321 FORGING AND STAMPING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing forgings from purchased metals;
2. Manufacturing metal custom roll forming products;
3. Manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. Manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

33211 FORGING AND STAMPING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing forgings from purchased metals;
2. manufacturing metal custom roll forming products;
3. manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332111 IRON AND STEEL FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing iron and steel forgings from purchased iron and steel by hammering mill shapes. Establishments making iron and steel forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Iron and steel forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332112 NONFERROUS FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing nonferrous forgings from purchased nonferrous metals by hammering mill shapes. Establishments making nonferrous forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Nonferrous forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332114 CUSTOM ROLL FORMING

This U.S. industry comprises establishments primarily engaged in custom roll forming metal products by use of rotary motion of rolls with various contours to bend or shape the products.

332115 CROWN AND CLOSURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in stamping metal crowns and closures, such as bottle caps and home canning lids and rings.

332116 METAL STAMPING

This U.S. industry comprises establishments primarily engaged in manufacturing unfinished metal stampings and spinning unfinished metal products (except crowns, cans, closures, automotive, and coins). Establishments making metal stampings and metal spun products and further manufacturing (e.g., machining, assembling) a specific product are classified in the industry of the finished product. Metal stamping and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332117 POWDER METALLURGY PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powder metallurgy products by compacting them in a shaped die and sintering. Establishments in this industry generally make a wide range of parts on a job or order basis.

3322 CUTLERY AND HANDTOOL MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing nonprecious and precious plated metal cutlery and flatware;
2. Manufacturing nonpowered hand and edge tools;
3. Manufacturing nonpowered handsaws;
4. Manufacturing saw blades, all types (including those for sawing machines); and

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5. Manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

33221 CUTLERY AND HANDTOOL MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing nonprecious and precious plated metal cutlery and flatware;
2. manufacturing nonpowered hand and edge tools;
3. manufacturing nonpowered handsaws;
4. manufacturing saw blades, all types (including those for sawing machines); and
5. manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonprecious and precious plated metal cutlery and flatware.

332212 HAND AND EDGE TOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonpowered hand and edge tools (except saws).

332213 SAW BLADE AND HANDSAW MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing nonpowered handsaws and/or
2. manufacturing saw blades, all types (including those for power sawing machines).

332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal kitchen utensils (except cutting-type), pots, and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing one or more of the following:

1. Plate work and fabricated structural product manufacturing and
2. Ornamental and architectural metal products manufacturing.

33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. prefabricated metal buildings, panels and sections;
2. structural metal products; and
3. metal plate work products.

332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing prefabricated metal buildings, panels, and sections.

332312 FABRICATED STRUCTURAL METAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating structural metal products, such as concrete reinforcing bars and fabricated bar joists.

332313 PLATE WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal plate work by cutting, punching, bending, shaping, and welding purchased metal plate.

33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. metal framed windows (i.e., typically using purchased glass) and metal doors;
2. sheet metal work; and
3. ornamental and architectural metal products.

332321 METAL WINDOW AND DOOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal framed windows (typically using purchased glass) and metal doors. Examples of products made by these establishments are: metal door frames; metal framed window and door screens; and metal molding and trim (except automotive).

332322 SHEET METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sheet metal work (except stampings).

332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ornamental and architectural metal work, such as staircases, metal open steel flooring, fire escapes, railings, and scaffolding.

3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Power boiler and heat exchanger manufacturing;
2. Metal tank (heavy gauge) manufacturing; and
3. Metal can, box, and other metal container (light gauge) manufacturing.

33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

33242 METAL TANK (HEAVY GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

332420 METAL TANK (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

33243 METAL CAN, BOX, AND OTHER METAL CONTAINER (LIGHT GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in forming light gauge metal containers.

332431 METAL CAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cans, lids, and ends.

332439 OTHER METAL CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal (light gauge) containers (except cans).

3325 HARDWARE MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

33251 HARDWARE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

332510 HARDWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

3326 SPRING AND WIRE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. Manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

33261 SPRING AND WIRE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

332611 SPRING (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heavy gauge springs by forming, such as cutting, bending, and heat winding, rod or strip stock.

332612 SPRING (LIGHT GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing light gauge springs from purchased wire or strip.

332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated wire products (except springs) made from purchased wire.

3327 MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Machine shops and/or
2. Turned product and screw, nut, and bolt manufacturing.

33271 MACHINE SHOPS

This industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

332710 MACHINE SHOPS

This U.S. industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. machining precision turned products or
2. manufacturing metal bolts, nuts, screws, rivets, and other industrial fasteners.

Included in this industry are establishments primarily engaged in manufacturing parts for machinery and equipment on a customized basis.

332721 PRECISION TURNED PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in machining precision products of all materials on a job or order basis (known as precision turned manufacturers). Generally precision turned product jobs are large volume using machines, such as automatic screw machines, rotary transfer machines, computer numerically controlled (CNC) lathes, or turning centers.

332722 BOLT, NUT, SCREW, RIVET, AND WASHER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal bolts, nuts, screws, rivets, washers, and other industrial fasteners using machines, such as headers, threaders, and nut forming machines.

3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

This industry group comprises establishments primarily engaged in one or more of the following:

1. Heat treating metals and metal products;
2. Enameling, lacquering, and varnishing metals and metal products;
3. Hot dip galvanizing metals and metal products;
4. Engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. Powder coating metals and metal products;
6. Electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. Providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

This industry comprises establishments primarily engaged in one or more of the following:

1. heat treating metals and metal products;
2. enameling, lacquering, and varnishing metals and metal products;
3. hot dip galvanizing metals and metal products;
4. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. powder coating metals and metal products;
6. electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

332811 METAL HEAT TREATING

This U.S. industry comprises establishments primarily engaged in heat treating, such as annealing, tempering, and brazing metals and metal products for the trade.

332812 METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. enameling, lacquering, and varnishing metals and metal products;
2. hot dip galvanizing metals and metal products;
3. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
4. powder coating metals and metal products; and
5. providing other metal surfacing services for the trade.

332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

This U.S. industry comprises establishments primarily engaged in electroplating, plating, anodizing, coloring, buffing, polishing, cleaning, and sandblasting metals and metal products for the trade.

3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, and nuts and bolts).

33291 METAL VALVE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following metal valves:

1. industrial valves;
2. fluid power valves and hose fittings;
3. plumbing fixture fittings and trim; and
4. other metal valves and pipe fittings.

332911 INDUSTRIAL VALVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial valves and valves for water works and municipal water systems.

332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power valves and hose fittings.

332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal and plastics plumbing fixture fittings and trim, such as faucets, flush valves, and shower heads.

332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal valves (except industrial valves, fluid power valves, fluid power hose fittings, and plumbing fixture fittings and trim).

33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metal products, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, and metal valves).

332991 BALL AND ROLLER BEARING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ball and roller bearings of all materials.

332992 SMALL ARMS AMMUNITION MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small arms ammunition.

332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ammunition (except small arms). Examples of products made by these establishments are bombs, depth charges, rockets (except guided missiles), grenades, mines, and torpedoes.

332994 SMALL ARMS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small firearms that are carried and fired by the individual.

332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ordnance (except small arms) and accessories.

332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating, such as cutting, threading, and bending metal pipes and pipe fittings made from purchased metal pipe.

332997 INDUSTRIAL PATTERN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial patterns.

332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing enameled iron and metal sanitary ware.

332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, metal valves, ball and roller bearings, ammunition, small arms and other ordnances, fabricated pipes and pipe fittings, industrial patterns, and enameled iron and metal sanitary ware).

333 MACHINERY MANUFACTURING

Industries in the Machinery Manufacturing subsector create end products that apply mechanical force, for example, the application of gears and levers, to perform work. Some important processes for the manufacture of machinery are forging, stamping, bending, forming, and machining that are used to shape individual pieces of metal. Processes, such as welding and assembling are used to join separate parts together. Although these processes are similar to those used in metal fabricating establishments, machinery manufacturing is different because it typically employs multiple metal forming processes in manufacturing the various parts of the machine. Moreover, complex assembly operations are an inherent part of the production process.

In general, design considerations are very important in machinery production. Establishments specialize in making machinery designed for particular applications. Thus, design is considered to be part of the production process for the purpose of implementing NAICS. The NAICS structure reflects this by defining industries and industry groups that make machinery for different applications. A broad distinction exists between machinery that is generally used in a variety of industrial applications (i.e., general purpose machinery) and machinery that is designed to be used in a particular industry (i.e., special purpose machinery). Three industry groups consist of special purpose machinery--Agricultural, Construction, and Mining Machinery Manufacturing; Industrial Machinery

Manufacturing; and Commercial and Service Industry Machinery Manufacturing. The other industry groups make general-purpose machinery: Ventilation, Heating, Air Conditioning, and Commercial Refrigeration Equipment Manufacturing; Metalworking Machinery Manufacturing; Engine, Turbine, and Power Transmission Equipment Manufacturing; and Other General Purpose Machinery Manufacturing.

3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Agricultural implement manufacturing;
2. Construction machinery manufacturing; and
3. Mining and oil and gas field machinery manufacturing.

33311 AGRICULTURAL IMPLEMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing farm machinery and equipment, powered mowing equipment, and other powered home lawn and garden equipment.

333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing agricultural and farm machinery and equipment and other turf and grounds care equipment, including planting, harvesting, and grass mowing equipment (except lawn and garden-type).

333112 LAWN AND GARDEN TRACTOR AND HOME LAWN AND GARDEN EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powered lawnmowers, lawn and garden tractors, and other home lawn and garden equipment, such as tillers, shredders, and yard vacuums and blowers.

33312 CONSTRUCTION MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

333120 CONSTRUCTION MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing oil and gas field and underground mining machinery and equipment.

333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing underground mining machinery and equipment, such as coal breakers, mining cars, core drills, coal cutters, and rock drills and
2. manufacturing mineral beneficiating machinery and equipment used in surface or underground mines.

333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

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1. manufacturing oil and gas field machinery and equipment, such as oil and gas field drilling machinery and equipment; oil and gas field production machinery and equipment; and oil and gas field derricks; and
 2. manufacturing water well drilling machinery.

3332 INDUSTRIAL MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Sawmill and woodworking machinery manufacturing;
2. Plastics and rubber industry machinery manufacturing; and
3. Other industrial machinery manufacturing.

33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing sawmill and wood-working machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sawmill and woodworking machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction, mining, sawmill and woodworking, and plastics and rubber products making machinery).

333291 PAPER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing paper industry machinery for making paper and paper products, such as pulp making machinery, paper and paperboard making machinery, and paper and paperboard converting machinery.

333292 TEXTILE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing textile machinery for making thread, yarn, and fiber.

333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing printing and bookbinding machinery and equipment, such as printing presses, typesetting machinery, and bindery machinery.

333294 FOOD PRODUCT MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing food and beverage manufacturing-type machinery and equipment, such as dairy product plant machinery and equipment (e.g., homogenizers, pasteurizers, and ice cream freezers), bakery machinery and equipment (e.g., dough mixers, bake ovens, and pastry rolling machines), meat and poultry processing and preparation machinery, and other commercial food products machinery (e.g., slicers, choppers, and mixers).

333295 SEMICONDUCTOR MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wafer processing equipment, semiconductor assembly and packaging equipment, and other semiconductor making machinery.

333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction and mining machinery, sawmill and woodworking machinery, plastics and rubber making machinery, paper and paperboard making machinery, textile machinery, printing machinery and equipment, food manufacturing-type machinery, and semiconductor making machinery).

3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

333311 AUTOMATIC VENDING MACHINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing coin, token, currency, or magnetic card operated vending machines; and/or
2. manufacturing coin operated mechanism for machines, such as vending machines, lockers, and laundry machines.

333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and industrial laundry and drycleaning equipment and pressing machines.

333313 OFFICE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing office machinery (except computers and photocopying equipment), such as mailhandling machinery and equipment, calculators, typewriters, and dedicated word processing equipment.

333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing optical instruments and lens, such as binoculars, microscopes (except electron and proton), telescopes, prisms, and lenses (except ophthalmic);
2. coating or polishing lenses (except ophthalmic); and
3. mounting lenses (except ophthalmic).

333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing photographic and photocopying equipment, such as cameras (except television, video, and digital), projectors, film developing equipment, photocopying equipment, and microfilm equipment.

333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and service industry equipment (except automatic vending machines, commercial laundry, drycleaning and pressing machines, office machinery, optical instruments and lenses, and photographic and photocopying equipment).

3334 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

33341 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

333411 AIR PURIFICATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing stationary air purification equipment, such as industrial dust and fume collection equipment, electrostatic precipitation equipment, warm air furnace filters, air washers, and other dust collection equipment.

333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing attic fans and industrial and commercial fans and blowers, such as commercial exhaust fans and commercial ventilating fans.

333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heating equipment (except electric and warm air furnaces), such as heating boilers, heating stoves, floor and wall furnaces, and wall and baseboard heating units.

333415 AIR-CONDITIONING AND WARM AIR HEATING EQUIPMENT AND COMMERCIAL AND INDUSTRIAL REFRIGERATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing air-conditioning (except motor vehicle) and warm air furnace equipment and/or
2. manufacturing commercial and industrial refrigeration and freezer equipment.

3335 METALWORKING MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

33351 METALWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

333511 INDUSTRIAL MOLD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial molds for casting metals or forming other materials, such as plastics, glass, or rubber.

333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cutting machine tools (except handtools).

333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal forming machine tools (except handtools), such as punching, sheering, bending, forming, pressing, forging, and die-casting machines.

333514 SPECIAL DIE AND TOOL, DIE SET, JIG, AND FIXTURE MANUFACTURING

This U.S. industry comprises establishments, known as tool and die shops, primarily engaged in manufacturing special tools and fixtures, such as cutting dies and jigs.

333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing accessories and attachments for metal cutting and metal forming machine tools.

333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rolling mill machinery and equipment for metal production.

333518 OTHER METALWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal working machinery (except industrial molds; metal cutting machine tools; metal forming machine tools; special dies and tools, die sets, jigs, and fixtures; cutting tools and machine tool accessories; and rolling mill machinery and equipment).

3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing turbines (except aircraft) and complete turbine generator set units, such as steam, hydraulic, gas, and wind.

333612 SPEED CHANGER, INDUSTRIAL HIGH-SPEED DRIVE, AND GEAR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gears, speed changers, and industrial high-speed drives (except hydrostatic).

333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mechanical power transmission equipment (except motor vehicle and aircraft), such as plain bearings, clutches (except motor vehicle and electromagnetic industrial control), couplings, joints, and drive chains.

333618 OTHER ENGINE EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing internal combustion engines (except automotive gasoline and aircraft).

3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Pump and compressor manufacturing;
2. Material handling equipment manufacturing; and
3. All other general purpose machinery manufacturing.

33391 PUMP AND COMPRESSOR MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing pumps and compressors, such as general purpose air and gas compressors, nonagricultural spraying and dusting equipment, general purpose pumps and pumping equipment (except fluid power pumps and motors), and measuring and dispensing pumps.

333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose pumps and pumping equipment (except fluid power pumps and motors), such as reciprocating pumps, turbine pumps, centrifugal pumps, rotary pumps, diaphragm pumps, domestic water system pumps, oil well and oil field pumps, and sump pumps.

333912 AIR AND GAS COMPRESSOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose air and gas compressors, such as reciprocating compressors, centrifugal compressors, vacuum pumps (except laboratory), and nonagricultural spraying and dusting compressors and spray gun units.

333913 MEASURING AND DISPENSING PUMP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and dispensing pumps, such as gasoline pumps and lubricating oil measuring and dispensing pumps.

33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing material handling equipment, such as elevators and moving stairs; conveyors and conveying equipment; overhead traveling cranes, hoists, and monorail systems; and industrial trucks, tractors, trailers, and stacker machinery.

333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing elevators and moving stairways.

333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing conveyors and conveying equipment, such as gravity conveyors, trolley conveyors, tow conveyors, pneumatic tube conveyors, carousel conveyors, farm conveyors, and belt conveyors.

333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems.

333924 INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers (i.e., truck-type), such as forklifts, pallet loaders and unloaders, and portable loading docks.

33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilation, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; and material handling equipment).

333991 POWER-DRIVEN HANDTOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power-driven (e.g., battery, corded, and pneumatic) handtools, such as drills, screwguns, circular saws, chain saws, staplers, and nailers.

333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing welding and soldering equipment and accessories (except transformers), such as arc, resistance, gas, plasma, laser, electron beam, and ultrasonic welding equipment; welding electrodes; coated or cored welding wire; and soldering equipment (except handheld).

333993 PACKAGING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing packaging machinery, such as wrapping, bottling, canning, and labeling machinery.

333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING

This U.S. Industry comprises establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and kilns (except cement, chemical, and wood).

333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) cylinders and actuators.

333996 FLUID POWER PUMP AND MOTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) pumps and motors.

333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing scales and balances (except laboratory).

333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilating, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; material handling equipment; power-driven handtools; welding and soldering equipment; packaging machinery; industrial process furnaces and ovens; fluid power cylinders and actuators; fluid power pumps and motors; and scales and balances).

334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING

Industries in the Computer and Electronic Product Manufacturing subsector group establishments that manufacture computers, computer peripherals, communications equipment, and similar electronic products, and establishments that manufacture components for such products. The Computer and Electronic Product Manufacturing industries have been combined in the hierarchy of NAICS because of the economic significance they have attained. Their rapid growth suggests that they will become even more important to the economies of all three North American countries in the future, and in addition their manufacturing processes are fundamentally different from the manufacturing processes of other machinery and equipment. The design and use of integrated circuits and the application of highly specialized miniaturization technologies are common elements in the production technologies of the computer and electronic subsector. Convergence of technology motivates this NAICS subsector. Digitalization of sound recording, for example, causes both the medium (the compact disc) and the equipment to resemble the technologies for recording, storing, transmitting, and manipulating data. Communications technology and equipment have been converging with computer technology. When technologically-related components are in the same sector, it makes it easier to adjust the classification for future changes, without needing to redefine its basic structure. The creation of the Computer and Electronic Product Manufacturing subsector will assist in delineating new and emerging industries because the activities that will serve as the probable sources of new industries, such as computer manufacturing and communications equipment manufacturing, or computers and audio equipment, are brought together. As new activities emerge, they are less likely therefore, to cross the subsector boundaries of the classification.

3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

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1. Store the processing program or programs and the data immediately necessary for the execution of the program;
 2. Can be freely programmed in accordance with the requirements of the user;
 3. Perform arithmetical computations specified by the user; and
 4. Execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

33411 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

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4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

334111 ELECTRONIC COMPUTER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

1. store the processing program or programs and the data immediately necessary for the execution of the program;
2. can be freely programmed in accordance with the requirements of the user;
3. perform arithmetical computations specified by the user; and
4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and contain at least analog, control, and programming elements. The manufacture of computers includes the assembly or integration of processors, coprocessors, memory, storage, and input/output devices into a user-programmable final product.

334112 COMPUTER STORAGE DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing computer storage devices that allow the storage and retrieval of data from a phase change, magnetic, optical, or magnetic/optical media. Examples of products made by these establishments are CD-ROM drives, floppy disk drives, hard disk drives, and tape storage and backup units.

334113 COMPUTER TERMINAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing computer terminals. Computer terminals are input/output devices that connect with a central computer for processing.

334119 OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing computer peripheral equipment (except storage devices and computer terminals).

3342 COMMUNICATIONS EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Telephone apparatus manufacturing;
2. Radio and television broadcasting and wireless communications equipment manufacturing; and
3. Other communications equipment manufacturing.

33421 TELEPHONE APPARATUS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be standalone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, LAN modems, multi-user modems, and other data communications equipment, such as bridges, routers, and gateways.

334210 TELEPHONE APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be stand-alone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, and data communications equipment, such as bridges, routers, and gateways.

33422 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are: transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

334220 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

33429 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, and radio and television broadcast, and wireless communications equipment).

334290 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, radio and television broadcast, and wireless communications equipment).

3343 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

33431 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

334310 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

3344 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

33441 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

334411 ELECTRON TUBE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electron tubes and parts (except glass blanks). Examples of products made by these establishments are cathode ray tubes (i.e., picture tubes), klystron tubes, magnetron tubes, and traveling wave tubes.

334412 BARE PRINTED CIRCUIT BOARD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing bare (i.e., rigid or flexible) printed circuit boards without mounted electronic components. These establishments print, perforate, plate, screen, etch, or photoprint interconnecting pathways for electric current on laminates.

334413 SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing semiconductors and related solid state devices. Examples of products made by these establishments are integrated circuits, memory chips, microprocessors, diodes, transistors, solar cells and other optoelectronic devices.

334414 ELECTRONIC CAPACITOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic fixed and variable capacitors and condensers.

334415 ELECTRONIC RESISTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic resistors, such as fixed and variable resistors, resistor networks, thermistors, and varistors.

334416 ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic inductors, such as coils and transformers.

334417 ELECTRONIC CONNECTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic connectors, such as coaxial; cylindrical; rack and panel; pin and sleeve; printed circuit; and fiber optic.

334418 PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in loading components onto printed circuit boards or who manufacture and ship loaded printed circuit boards. Also known as printed circuit assemblies, electronics assemblies, or modules, these products are printed circuit boards that have some or all of the semiconductor and electronic components inserted or mounted and are inputs to a wide variety of electronic systems and devices.

334419 OTHER ELECTRONIC COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic components (except electron tubes; bare printed circuit boards; semiconductors and related devices; electronic capacitors; electronic resistors; coils, transformers, and other inductors; connectors; and loaded printed circuit boards).

3345 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

33451 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

334510 ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus, such as magnetic resonance imaging equipment, medical ultrasound equipment, pacemakers, hearing aids, electrocardiographs, and electromedical endoscopic equipment.

334511 SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Examples of products made by these establishments are aircraft instruments (except engine), flight recorders, navigational instruments and systems, radar systems and equipment, and sonar systems and equipment.

334512 AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE

This U.S. industry comprises establishments primarily engaged in manufacturing automatic controls and regulators for applications, such as heating, air-conditioning, refrigeration, and appliances.

334513 INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and related devices for measuring, displaying, indicating, recording, transmitting, and controlling industrial process variables. These instruments measure, display, or control (i.e., monitor and analyze) industrial process variables, such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration, and rotation.

334514 TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing totalizing (i.e., registering) fluid meters and counting devices. Examples of products made by these establishments are gas consumption meters, water consumption meters, parking meters, taxi meters, motor vehicle gauges, and fare collection equipment.

334515 INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS

This U.S. industry comprises establishments primarily engaged in manufacturing instruments for measuring and testing the characteristics of electricity and electrical signals. Examples of products made by these establishments are circuit and continuity testers, volt meters, ohm meters, wattmeters, multimeters, and semiconductor test equipment.

334516 ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and instrumentation systems for laboratory analysis of the chemical or physical composition or concentration of samples of solid, fluid, gaseous, or composite material.

334517 IRRADIATION APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing irradiation apparatus and tubes for applications, such as medical diagnostic, medical therapeutic, industrial, and research and scientific evaluation. Irradiation can take the form of beta-rays, gamma-rays, X-rays, or other ionizing radiation.

334518 WATCH, CLOCK, AND PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling: clocks; watches; timing mechanisms for clockwork operated devices; time clocks; time and date recording devices; and clock and watch parts (except crystals), such as springs, jewels, and modules.

334519 OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and controlling devices (except search, detection, navigation, guidance, aeronautical, and nautical instruments and systems; automatic environmental controls for residential, commercial, and appliance use; instruments for measurement, display, and control of industrial process variables; totalizing fluid meters and counting devices; instruments for measuring and testing electricity and electrical signals; analytical laboratory instruments; watches, clocks, and parts; irradiation equipment; and electromedical and electrotherapeutic apparatus).

3346 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA

This industry group comprises establishments primarily engaged in:

1. Manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or
2. Mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

33461 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA

This industry comprises establishments primarily engaged in:

1. manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or;
2. mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

334611 SOFTWARE REPRODUCING

This U.S. industry comprises establishments primarily engaged in mass reproducing computer software. These establishments do not generally develop any software, they mass reproduce data and programs on magnetic media, such as diskettes, tapes, or cartridges. Establishments in this industry mass reproduce products, such as CD-ROMs and game cartridges.

334612 PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING

This U.S. industry comprises establishments primarily engaged in mass reproducing audio and video material on magnetic or optical media. Examples of products mass reproduced by these establishments are audio compact discs, prerecorded audio and video cassettes, and laser discs.

334613 MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing magnetic and optical recording media, such as blank magnetic tape, blank diskettes, blank optical discs, hard drive media, and blank magnetic tape cassettes.

335 ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING

Industries in the Electrical Equipment, Appliance, and Component Manufacturing subsector manufacture products that generate, distribute and use electrical power. Electric Lighting Equipment Manufacturing establishments produce electric lamp bulbs, lighting fixtures, and parts. Household

Appliance Manufacturing establishments make both small and major electrical appliances and parts. Electrical Equipment Manufacturing establishments make goods, such as electric motors, generators, transformers, and switchgear apparatus. Other Electrical Equipment and Component Manufacturing establishments make devices for storing electrical power (e.g., batteries), for transmitting electricity (e.g., insulated wire), and wiring devices (e.g., electrical outlets, fuse boxes, and light switches).

3351 ELECTRIC LIGHTING EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Electric lamp bulb and part manufacturing and/or
2. Lighting fixture manufacturing.

33511 ELECTRIC LAMP BULB AND PART MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

335110 ELECTRIC LAMP BULB AND PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

33512 LIGHTING FIXTURE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except vehicular), nonelectric lighting equipment, lamp shades (except glass and plastics), and lighting fixture components (except current-carrying wiring devices).

335121 RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fixed or portable residential electric lighting fixtures and lamp shades of metal, paper, or textiles. Residential electric lighting fixtures include those for use both inside and outside the residence.

335122 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures.

335129 OTHER LIGHTING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except residential, commercial, industrial, institutional, and vehicular) and nonelectric lighting equipment.

3352 HOUSEHOLD APPLIANCE MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Small electrical appliance manufacturing and/or
2. Major appliance manufacturing.

33521 SMALL ELECTRICAL APPLIANCE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares, household-type fans, household-type vacuum cleaners, and other electric household-type floor care machines.

335211 ELECTRIC HOUSEWARES AND HOUSEHOLD FAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares for heating, cooking, and other purposes, and electric household-type fans (except attic fans).

335212 HOUSEHOLD VACUUM CLEANER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric vacuum cleaners, electric floor waxing machines, and other electric floor care machines typically for household use.

33522 MAJOR APPLIANCE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and nonelectrical major household-type appliances, such as dishwashers, water heaters, and garbage disposal units.

335221 HOUSEHOLD COOKING APPLIANCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type electric and nonelectric cooking equipment (except small electric appliances and electric housewares).

335222 HOUSEHOLD REFRIGERATOR AND HOME FREEZER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type refrigerators and upright and chest freezers.

335224 HOUSEHOLD LAUNDRY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type laundry equipment.

335228 OTHER MAJOR HOUSEHOLD APPLIANCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric and non-electric major household-type appliances (except cooking equipment, refrigerators, upright and chest freezers, and household-type laundry equipment).

3353 ELECTRICAL EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

33531 ELECTRICAL EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

335311 POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers (except electronic components). Industrial-type and consumer-type transformers in this industry vary (e.g., step up or step down) voltage but do not convert alternating to direct or direct to alternating current.

335312 MOTOR AND GENERATOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric motors (except internal combustion engine starting motors), power generators (except battery charging alternators for internal combustion engines), and motor generator sets (except turbine generator set units). This industry includes establishments rewinding armatures on a factory basis.

335313 SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing switchgear and switchboard apparatus.

335314 RELAY AND INDUSTRIAL CONTROL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing relays, motor starters and controllers, and other industrial controls and control accessories.

3359 OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing electrical equipment and components (except electric lighting equipment, household-type appliances, transformers, switchgear, relays, motors, and generators).

33591 BATTERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing primary and storage batteries.

335911 STORAGE BATTERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing storage batteries.

335912 PRIMARY BATTERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wet or dry primary batteries.

33592 COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING

This industry comprises establishments insulating fiber-optic cable, and manufacturing insulated nonferrous wire and cable from nonferrous wire drawn in other establishments.

335921 FIBER OPTIC CABLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing insulated fiber-optic cable from purchased fiber-optic strand.

335929 OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing insulated wire and cable of nonferrous metals from purchased wire.

33593 WIRING DEVICE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices and noncurrent-carrying wiring devices for wiring electrical circuits.

335931 CURRENT-CARRYING WIRING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices.

335932 NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing noncurrent-carrying wiring devices.

33599 ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electrical equipment (except electric lighting equipment, household-type appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, and wiring devices).

335991 CARBON AND GRAPHITE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; carbon and graphite fibers; and other carbon, graphite, and metal-graphite products.

335999 ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial and commercial electric apparatus and other equipment (except lighting equipment, household appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, wiring devices, and carbon and graphite products). This industry includes power converters (i.e., AC to DC and DC to AC), power supplies, surge suppressors, and similar equipment for industrial-type and consumer-type equipment.

336 TRANSPORTATION EQUIPMENT MANUFACTURING

Industries in the Transportation Equipment Manufacturing subsector produce equipment for transporting people and goods. Transportation equipment is a type of machinery. An entire subsector is devoted to this activity because of the significance of its economic size in all three North American countries.

Establishments in this subsector utilize production processes similar to those of other machinery manufacturing establishments - bending, forming, welding, machining, and assembling metal or plastic parts into components and finished products. However, the assembly of components and subassemblies and their further assembly into finished vehicles tends to be a more common production process in this subsector than in the Machinery Manufacturing subsector.

NAICS has industry groups for the manufacture of equipment for each mode of transport - road, rail, air and water. Parts for motor vehicles warrant a separate industry group because of their importance and because parts manufacture requires less assembly, and the establishments that manufacture only parts are not as vertically integrated as those that make complete vehicles.

Land use motor vehicle equipment not designed for highway operation (e.g., agricultural equipment, construction equipment, and materials handling equipment) is classified in the appropriate NAICS subsector based on the type and use of the equipment.

3361 MOTOR VEHICLE MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Automobile and light duty motor vehicle manufacturing and/or
2. Heavy duty truck manufacturing.

33611 AUTOMOBILE AND LIGHT DUTY MOTOR VEHICLE MANUFACTURING

This industry comprises establishments primarily engaged in:

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1. manufacturing complete automobile and light duty motor vehicles (i.e., body and chassis or unibody) or
 2. manufacturing chassis only.

336111 AUTOMOBILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete automobiles (i.e., body and chassis or unibody) or
2. manufacturing automobile chassis only.

336112 LIGHT TRUCK AND UTILITY VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete light trucks and utility vehicles (i.e., body and chassis) or
2. manufacturing light truck and utility vehicle chassis only.

Vehicles made include light duty vans, pick-up trucks, minivans, and sport utility vehicles.

33612 HEAVY DUTY TRUCK MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

336120 HEAVY DUTY TRUCK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

3362 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Manufacturing motor vehicle bodies and cabs or
2. Manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

33621 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing motor vehicle bodies and cabs or
2. manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

336211 MOTOR VEHICLE BODY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing truck and bus bodies and cabs and automobile bodies. The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

336212 TRUCK TRAILER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing truck trailers, truck trailer chassis, cargo container chassis, detachable trailer bodies, and detachable trailer chassis for sale separately.

336213 MOTOR HOME MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in:

1. manufacturing motor homes on purchased chassis and/or
2. manufacturing conversion vans on an assembly line basis.

Motor homes are units where the motor and the living quarters are integrated in the same unit.

336214 TRAVEL TRAILER AND CAMPER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing travel trailers and campers designed to attach to motor vehicles;
2. manufacturing pickup coaches (i.e., campers) and caps (i.e., covers) for mounting on pickup trucks; and
3. manufacturing automobile, utility, and light-truck trailers.

Travel trailers do not have their own motor but are designed to be towed by a motor unit, such as an automobile or a light truck.

3363 MOTOR VEHICLE PARTS MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Motor vehicle gasoline engine and engine parts manufacturing;
2. Motor vehicle electrical and electronic equipment manufacturing;
3. Motor vehicle steering and suspension components (except spring) manufacturing;
4. Motor vehicle brake system manufacturing;
5. Motor vehicle transmission and power train parts manufacturing;
6. Motor vehicle seating and interior trim manufacturing;
7. Motor vehicle metal stamping; and/or
8. Other motor vehicle parts manufacturing.

33631 MOTOR VEHICLE GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle gasoline engines, and engine parts, whether or not for vehicular use.

336311 CARBURETOR, PISTON, PISTON RING, AND VALVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding carburetors, pistons, piston rings, and engine intake and exhaust valves.

336312 GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding gasoline motor vehicle engines and gasoline motor vehicle engine parts, excluding carburetors, pistons, piston rings, and valves.

33632 MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing vehicular lighting and/or
2. manufacturing and/or rebuilding motor vehicle electrical and electronic equipment.

The products made can be used for all types of transportation equipment (i.e., aircraft, automobiles, trains, and ships).

336321 VEHICULAR LIGHTING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing vehicular lighting fixtures.

336322 OTHER MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding electrical and electronic equipment for motor vehicles and internal combustion engines.

33633 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

336330 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

33634 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

336340 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

33635 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

336350 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

33636 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

336360 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

33637 MOTOR VEHICLE METAL STAMPING

This industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

336370 MOTOR VEHICLE METAL STAMPING

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

33639 OTHER MOTOR VEHICLE PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, and motor vehicle stampings).

336391 MOTOR VEHICLE AIR-CONDITIONING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing air-conditioning systems and compressors for motor vehicles, such as automobiles, trucks, buses, aircraft, farm machinery, construction machinery, and other related vehicles.

336399 ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, motor vehicle stampings, and motor vehicle air-conditioning systems and compressors).

3364 AEROSPACE PRODUCT AND PARTS MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing complete aircraft, missiles, or space vehicles;
2. Manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. Developing and making prototypes of aerospace products;
4. Aircraft conversion (i.e., major modifications to systems); and
5. Complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

33641 AEROSPACE PRODUCT AND PARTS MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing complete aircraft, missiles, or space vehicles;
2. manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. developing and making prototypes of aerospace products;
4. aircraft conversion (i.e., major modifications to systems); and
5. complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

336411 AIRCRAFT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing or assembling complete aircraft;
2. developing and making aircraft prototypes;
3. aircraft conversion (i.e., major modifications to systems); and
4. complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

336412 AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing aircraft engines and engine parts;
2. developing and making prototypes of aircraft engines and engine parts;
3. aircraft propulsion system conversion (i.e., major modifications to systems); and
4. aircraft propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft propulsion system to original design specifications).

336413 OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing aircraft parts or auxiliary equipment (except engines and aircraft fluid power subassemblies) and/or
2. developing and making prototypes of aircraft parts and auxiliary equipment.

Auxiliary equipment includes such items as crop dusting apparatus, armament racks, inflight refueling equipment, and external fuel tanks.

336414 GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete guided missiles and space vehicles and/or
2. developing and making prototypes of guided missile or space vehicles.

336415 GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and/or space vehicle propulsion units and propulsion unit parts and/or

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2. developing and making prototypes of guided missile and space vehicle propulsion units and propulsion unit parts.

336419 OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and space vehicle parts and auxiliary equipment (except guided missile and space vehicle propulsion units and propulsion unit parts) and/or
2. developing and making prototypes of guided missile and space vehicle parts and auxiliary equipment.

3365 RAILROAD ROLLING STOCK MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. Manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. Manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

33651 RAILROAD ROLLING STOCK MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

336510 RAILROAD ROLLING STOCK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

3366 SHIP AND BOAT BUILDING

This industry group comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

33661 SHIP AND BOAT BUILDING

This industry comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for

other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

336611 SHIP BUILDING AND REPAIRING

This U.S. industry comprises establishments primarily engaged in operating a shipyard. Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

336612 BOAT BUILDING

This U.S. industry comprises establishments primarily engaged in building boats. Boats are defined as watercraft not built in shipyards and typically of the type suitable or intended for personal use.

3369 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles and parts, aerospace products and parts, railroad rolling stock, ship building, and boat manufacturing).

33699 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, metal tricycles, complete military armored vehicles, tanks, self-propelled weapons, vehicles pulled by draft animals, and other transportation equipment (except motor vehicles, boats, ships, railroad rolling stock, and aerospace products), including parts thereof.

336991 MOTORCYCLE, BICYCLE, AND PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, tricycles and similar equipment, and parts.

336992 MILITARY ARMORED VEHICLE, TANK, AND TANK COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing complete military armored vehicles, combat tanks, specialized components for combat tanks, and self-propelled weapons.

336999 ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles, motor vehicle parts, boats, ships, railroad rolling stock, aerospace products, motorcycles, bicycles, and armored vehicles and tanks).

337 FURNITURE AND RELATED PRODUCT MANUFACTURING

Industries in the Furniture and Related Product Manufacturing subsector make furniture and related articles, such as mattresses, window blinds, cabinets, and fixtures. The processes used in the manufacture of furniture include the cutting, bending, molding, laminating, and assembly of such materials as wood, metal, glass, plastics, and rattan. However, the production process for

furniture is not solely bending metal, cutting and shaping wood, or extruding and molding plastics. Design and fashion trends play an important part in the production of furniture. The integrated design of the article for both esthetic and functional qualities is also a major part of the process of manufacturing furniture. Design services may be performed by the furniture establishment's work force or may be purchased from industrial designers.

Furniture may be made of any material, but the most common ones used in North America are metal and wood. Furniture manufacturing establishments may specialize in making articles primarily from one material. Some of the equipment required to make a wooden table, for example, is different from that used to make a metal one. However, furniture is usually made from several materials. A wooden table might have metal brackets, and a wooden chair a fabric or plastics seat. Therefore, in NAICS, furniture initially is classified based on the type of furniture (application for which it is designed) rather than the material used. For example, an upholstered sofa is treated as household furniture, although it may also be used in hotels or offices.

When classifying furniture according to the component material from which it is made, furniture made from more than one material is classified based on the material used in the frame, or if there is no frame, the predominant component material. Upholstered household furniture (excluding kitchen and dining room chairs with upholstered seats) is classified without regard to the frame material. Kitchen or dining room chairs with upholstered seats are classified according to the frame material.

Furniture may be made on a stock or custom basis and may be shipped assembled or unassembled (i.e., knockdown). The manufacture of furniture parts and frames is included in this subsector.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing. For example, cutting and assembly occurs in the production of wood trusses that are classified in Subsector 321, Wood Product Manufacturing. However, the multiple processes that distinguish wood furniture manufacturing from wood product manufacturing warrant inclusion of wooden furniture manufacturing in the Furniture and Related Product Manufacturing subsector. Metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in Subsector 332, Fabricated Metal Product Manufacturing. The molding process for plastics furniture is similar to the molding of other plastics products. However, plastics furniture producing establishments tend to specialize in furniture.

NAICS attempts to keep furniture manufacturing together, but there are two notable exceptions: seating for transportation equipment and laboratory and hospital furniture. These exceptions are related to that fact that some of the aspects of the production process for these products, primarily the design, are highly integrated with that of other manufactured goods, namely motor vehicles and health equipment.

3371 HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTURING

This industry group comprises establishments manufacturing household-type furniture, such as living room, kitchen and bedroom furniture and institutional (i.e., public building) furniture, such as furniture for schools, theaters, and churches.

33711 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

337110 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

33712 HOUSEHOLD AND INSTITUTIONAL FURNITURE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing household-type and public building furniture (i.e., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337121 UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing upholstered household-type furniture. The furniture may be made on a stock or custom basis.

337122 NONUPHOLSTERED WOOD HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonupholstered wood household-type furniture and freestanding cabinets (except television, radio, and sewing machine cabinets). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337124 METAL HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal household-type furniture and freestanding cabinets. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337125 HOUSEHOLD FURNITURE (EXCEPT WOOD AND METAL) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type furniture of materials other than wood or metal, such as plastics, reed, rattan, wicker, and fiberglass. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337127 INSTITUTIONAL FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing institutional-type furniture (e.g., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337129 WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood cabinets used as housings by television, stereo, loudspeaker, and sewing machine manufacturers.

3372 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

33721 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337211 WOOD OFFICE FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337212 CUSTOM ARCHITECTURAL WOODWORK AND MILLWORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing custom designed interiors consisting of architectural woodwork and fixtures utilizing wood, wood products, and plastics laminates. All of the industry output is made to individual order on a job shop basis and requires skilled craftsmen as a labor input. A job might include custom manufacturing of display fixtures, gondolas, wall shelving units, entrance and window architectural detail, sales and reception counters, wall paneling, and matching furniture.

337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337215 SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood and nonwood office and store fixtures, shelving, lockers, frames, partitions, and related fabricated products of wood and nonwood materials, including plastics laminated fixture tops. The products are made on a stock basis and may be assembled or unassembled (i.e., knockdown). Establishments exclusively making furniture parts (e.g., frames) are included in this industry.

337211 WOOD OFFICE FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

3379 OTHER FURNITURE RELATED PRODUCT MANUFACTURING

This industry group comprises establishments manufacturing furniture related products, such as mattresses, blinds, and shades.

33791 MATTRESS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

337910 MATTRESS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

33792 BLIND AND SHADE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following: venetian blinds, other window blinds, shades; curtain and drapery rods, poles; and/or curtain and drapery fixtures. The blinds and shades may be made on a stock or custom basis and may be made of any material.

337920 BLIND AND SHADE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing one or more of the following:

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1. venetian blinds, other window blinds, shades;
 2. curtain and drapery rods, poles; and/or
 3. curtain and drapery fixtures.

The blinds and shades may be made on a stock or custom basis and may be made of any material.

339 MISCELLANEOUS MANUFACTURING

Industries in the Miscellaneous Manufacturing subsector make a wide range of products that cannot readily be classified in specific NAICS subsectors in manufacturing. Processes used by these establishments vary significantly, both among and within industries. For example, a variety of manufacturing processes are used in manufacturing sporting and athletic goods that include products, such as tennis racquets and golf balls. The processes for these products differ from each other, and the processes differ significantly from the fabrication processes used in making dolls or toys, the melting and shaping of precious metals to make jewelry, and the bending, forming, and assembly used in making medical products.

The industries in this subsector are defined by what is made rather than how it is made. Although individual establishments might be appropriately classified elsewhere in the NAICS structure, for historical continuity, these product-based industries were maintained. In most cases, no one process or material predominates for an industry.

Establishments in this subsector manufacture products as diverse as medical equipment and supplies, jewelry, sporting goods, toys, and office supplies.

3391 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

33911 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

339111 LABORATORY APPARATUS AND FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing laboratory apparatus and laboratory and hospital furniture (except dental). Examples of products made by these establishments are hospital beds, operating room tables, laboratory balances and scales, furnaces, ovens, centrifuges, cabinets, cases, benches, tables, and stools.

For this industry, the 1997 Economic Census did not fully implement the conversion to NAICS. The data from 1997 to 2001 for NAICS industry 339111 did not include establishments primarily engaged in the manufacture of hospital beds and other hospital furniture. These establishments are included in the 2002 Economic Census data.

339112 SURGICAL AND MEDICAL INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus (except electrotherapeutic, electro-medical and irradiation apparatus). Examples of products made by these establishments are syringes, hypodermic needles, anesthesia apparatus, blood transfusion equipment, catheters, surgical clamps, and medical thermometers.

339113 SURGICAL APPLIANCE AND SUPPLIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing surgical appliances and supplies. Examples of products made by these establishments are orthopedic devices, prosthetic appliances, surgical dressings, crutches, surgical sutures, and personal industrial safety devices (except protective eyewear).

339114 DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing dental equipment and supplies used by dental laboratories and offices of dentists, such as dental chairs, dental instrument delivery systems, dental hand instruments, and dental impression material and dental cements.

339115 OPHTHALMIC GOODS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ophthalmic goods. Examples of products made by these establishments are prescription eyeglasses (except manufactured in a retail setting), contact lenses, sunglasses, eyeglass frames, reading glasses made to standard powers, and protective eyewear.

339116 DENTAL LABORATORIES

This U.S. industry comprises establishments primarily engaged in manufacturing dentures, crowns, bridges, and orthodontic appliances customized for individual application.

3399 OTHER MISCELLANEOUS MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Jewelry and silverware manufacturing;
2. Sporting and athletic goods manufacturing;
3. Doll, toy, and game manufacturing;
4. Office supplies (except paper) manufacturing;
5. Sign manufacturing; and/or
6. All other miscellaneous manufacturing.

33991 JEWELRY AND SILVERWARE MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing, engraving, chasing, or etching jewelry;
2. manufacturing metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
3. manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter cutlery and flatware;
4. manufacturing, engraving, chasing, or etching personal metal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
5. stamping coins;
6. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
7. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
8. recutting, repolishing, and setting gem stones; and

9. drilling, sawing, and peeling cultured and costume pearls.

339911 JEWELRY (EXCEPT COSTUME) MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, or etching precious metal solid or precious metal clad jewelry;
2. manufacturing, engraving, chasing, or etching personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases) made of precious solid or clad metal; and
3. stamping coins.

339912 SILVERWARE AND HOLLOWWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter flatware and other hollowware.

339913 JEWELERS' MATERIAL AND LAPIDARY WORK MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
2. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
3. recutting, repolishing, and setting gem stones; and
4. drilling, sawing, and peeling cultured pearls.

339914 COSTUME JEWELRY AND NOVELTY MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, and etching costume jewelry; and/or
2. manufacturing, engraving, chasing, or etching nonprecious metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases).

This industry includes establishments primarily engaged in manufacturing precious plated jewelry and precious plated personal goods.

33992 SPORTING AND ATHLETIC GOODS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

339920 SPORTING AND ATHLETIC GOODS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

33993 DOLL, TOY, AND GAME MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing dolls, toys, and games, such as complete dolls, doll parts, doll clothes, action figures, toys, games (including electronic), hobby kits, and children's vehicles (except metal bicycles and tricycles).

339931 DOLL AND STUFFED TOY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing complete dolls, doll parts, and doll clothes; action figures; and stuffed toys.

339932 GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing games (including electronic), toys, and children's vehicles (except bicycles and metal tricycles).

33994 OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing office supplies. Examples of products made by these establishments are pens, pencils, felt tip markers, crayons, chalk, pencil sharpeners, staplers, hand operated stamps, modeling clay, and inked ribbons.

339941 PEN AND MECHANICAL PENCIL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing pens, ballpoint pen refills and cartridges, mechanical pencils, and felt tipped markers.

339942 LEAD PENCIL AND ART GOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonmechanical pencils and art goods. Examples of products made by these establishments are pencil leads, crayons, chalk, framed blackboards, pencil sharpeners, staplers, artists' palettes and paints, and modeling clay.

339943 MARKING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing marking devices, such as hand operated stamps, embossing stamps, stamp pads, and stencils.

339944 CARBON PAPER AND INKED RIBBON MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing carbon paper and inked ribbons.

33995 SIGN MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

339950 SIGN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

33999 ALL OTHER MISCELLANEOUS MANUFACTURING

This industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), and signs).

339991 GASKET, PACKING, AND SEALING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gaskets, packing, and sealing devices of all materials.

339992 MUSICAL INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing musical instruments (except toys).

339993 FASTENER, BUTTON, NEEDLE, AND PIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fasteners, buttons, needles, pins, and buckles (except precious metals or precious and semiprecious stones and gems).

339994 BROOM, BRUSH, AND MOP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing brooms, mops, and brushes.

339995 BURIAL CASKET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing burial caskets, cases, and vaults (except concrete).

339999 ALL OTHER MISCELLANEOUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), musical instruments, fasteners, buttons, needles, pins, brooms, brushes, mops, and burial caskets).

Appendix C.

Methodology

SOURCES OF THE DATA

The manufacturing sector includes approximately 350,000 establishments. This number includes those industries in the North American Industry Classification System (NAICS) definition of manufacturing. The amount of information requested from manufacturing establishments was dependent upon a number of factors. The more important considerations were the size of the company and whether it was included in the Annual Survey of Manufactures (ASM).

Establishments in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:

- a. ASM sample establishments. This group accounts for approximately 15 percent of all manufacturing establishments. The ASM panel covers all the units of large manufacturing establishments, as well as a sample of the medium and smaller establishments. The probability of selection was proportionate to size. For more information, see the Description of the ASM Survey Sample.

In an economic census year, the ASM report form (MA-10000) replaces the first page of the regular census form for those establishments included in the ASM. In addition to information on employment, payroll, and other items normally requested on the regular census form, establishments in the ASM sample were requested to supply additional information on gross book value of assets and capital expenditures. ASM establishments were also requested to provide information on retirements, depreciation, rental payments, and supplemental labor costs. For establishments not included in the ASM, these additional items were estimated using relationships observed in the ASM establishment data. The census statistics for these variables are a sum of the ASM establishment data and the estimated data for non-ASM establishments. ASM establishments were also requested to provide information for selected purchased services. The census statistics for the purchased service items were derived solely from the ASM establishments. See Appendix A. Explanation of Terms, for an explanation of these items. The census part of the report form is 1 of 220 versions containing product, material, and special inquiries. The diversity of manufacturing activities necessitated the use of this many forms to canvass the 473 manufacturing industries. Each form was developed for a group of related industries.

Appearing on each form was a list of products primary to the group of related industries, as well as secondary products and miscellaneous services that establishments classified in these industries were likely to perform. Respondents were requested to identify the products, the value of each product, and, in certain cases, the quantity of the product shipped during the survey year. Space also was provided for the respondent to describe products not specifically identified on the form.

The report form also contained a materials-consumed inquiry, which varied from form to form depending on the industries being canvassed. The respondents were asked to review a list of materials generally used in their production processes. From this list, each establishment was requested to identify those materials consumed during the survey year, the cost of each, and, in certain cases, the quantity consumed. Once again, space was provided

for the respondent to describe significant materials not listed on the form.

A wide variety of special inquiries were included to measure activities peculiar to a given industry, such as operations performed and equipment used.

- b. Large and medium establishments (non-ASM). Approximately 30 percent of all manufacturing establishments were included in this group. A variable cutoff, based on administrative-record payroll data and determined on an industry-by-industry basis, was used to select those establishments that were to receive 1 of the 220 economic census — manufacturing regular forms. The first page, requesting establishment data for items such as employment and payroll, was standard but did not contain the detailed statistics included on the ASM form. The product, material, and special inquiry sections supplied were based on the historical industry classification of the establishment.
- c. Small single-establishment companies (non-ASM). This group includes approximately 15 percent of all manufacturing establishments. For those industries where application of the variable cutoff for administrative-record cases resulted in a large number of small establishments being included in the mail canvass, an abbreviated “short form” was used. These establishments received 1 of the 31 versions of the short form, which requested summary product and material data and totals but no details on employment, payroll, cost of materials, inventories, and capital expenditures.

Use of the short form has no adverse effect on published totals for the industry statistics, because the same data were collected on the short form as on the long form. However, detailed information on products and materials consumed was not collected on the short form; thus, its use would increase the value of the “not specified by kind” (nsk) categories.

2. Establishments not sent a report form:

- a. Small single-establishment companies not sent a report form. Approximately 40 percent of the manufacturing establishments were small single-establishment companies that were excused from filing a census report. Selection of these establishments was based on two factors: annual payroll and the Census Bureau’s ability to assign the correct six-digit NAICS industry classification to the establishment. For each six-digit NAICS industry code, an annual payroll cutoff was determined. These cutoffs were derived so that the establishments with payroll less than the cutoff were expected to account for no more than 3 percent of the value of shipments for the industry. Generally, all single-establishment companies with less than 5 employees were excused, while all establishments with more than 20 employees were mailed forms. Establishments below the cutoff that could not be directly assigned a six-digit NAICS code were mailed a classification report that requested information for assigning NAICS industry codes. Establishments below the cutoff that could be directly assigned a six-digit NAICS code were excused from filing any report. For below cutoff establishments, information on the physical location, payroll, and receipts was obtained from the administrative records of other federal agencies under special arrangements that safeguarded their confidentiality.

Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The value of shipments and cost of materials were not distributed among specific products and materials for these establishments, but were included in the product and material “not specified by kind” (nsk) categories.

The industry classification codes included in the administrative-record files were assigned on the basis of brief descriptions of the general activity of the establishment. As a result, an indeterminate number of establishments were erroneously coded to a six-digit NAICS industry. This was especially true whenever there was a relatively fine line of demarcation between industries or between manufacturing and nonmanufacturing activity.

Sometimes the administrative-record cases had only two- or three-digit NAICS group classification codes available in the files. For manufacturing, these establishments were sent a

separate classification form, which requested information on the products and services of the establishment. This form was used to code many of these establishments to the appropriate six-digit NAICS level. Establishments that did not return the classification form were coded later to those six-digit NAICS industries identified as “All other” industries within the given subsector.

As a result of these situations, a number of small establishments may have been misclassified by industry. However, such possible misclassification has no significant effect on the statistics, other than on the number of companies and establishments.

The total establishment count for individual industries should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 employees or more are far more reliable than the count of total number of establishments.

- b. All nonemployers, i.e., all firms subject to federal income tax, with no paid employees, during 2002 are excluded as in previous censuses. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments covered in the 2002 Economic Census — Manufacturing are classified in 1 of 473 industries in accordance with the industry definitions in the *North American Industry Classification System (NAICS), United States, 2002* manual. There were no changes between the 2002 edition and the 1997 edition affecting this sector. When applicable, Appendix F of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 2002, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. There are 1,450 product classes (seven-digit codes), 5,674 census products, and an additional 3,746 ten-digit product codes. The ten-digit products are considered the primary products of the industry with the same first six digits.

For the 2002 Economic Census — Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 2002, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

As previously noted, the small establishments that may have been misclassified by industry are usually administrative-record cases whose industry codes were assigned on the basis of incomplete descriptions of the general activity of the establishment. Such possible misclassifications have no significant effect on the statistics other than on the number of companies and establishments.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments that may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry's output should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the primary product specialization ratio and the coverage ratio. The primary product specialization ratio is the proportion of industry shipments accounted for by the primary products of establishments classified in the industry. The coverage ratio is the proportion of product shipments accounted for by establishments classified in the industry.

ESTABLISHMENT BASIS OF REPORTING

The 2002 Economic Census — Manufacturing is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment. The ASM also is conducted on an establishment basis, but separate reports are filed for just those establishments selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports, if the plant records permit such a separation and if the activities are substantial in size.

In 2002, as in earlier years, a minimum size limit was set for inclusion of establishments in the census. All establishments employing one person or more at any time during the census year are included. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures, except for data on number of establishments for a few industries.

The 2002 Economic Census — Manufacturing excludes data for central administrative offices (CAOs). These would include separately operated administrative offices, warehouses, garages, and other auxiliary units that service manufacturing establishments of the same company. These data are published in a separate report series.

DESCRIPTION OF THE ASM SURVEY SAMPLE

The ASM sample is drawn for the second survey year after a census. The most recent sample was drawn for the 1999 survey year based on the 1997 Economic Census — Manufacturing. This sample will be in place through the 2003 ASM.

In 1997, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the establishments in the 1997 manufacturing population were partitioned into two components for developing estimates within the ASM. The details of each are described below:

1. Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies

that operate at more than one physical location). Approximately 200,000 of the 370,000 establishments in the 1997 census were assigned to the mail stratum. On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1999 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1997 census. Supplemental samples representing both 1998 and 1999 births (newly active establishments that were not included in the 1997 census) were also selected. Establishments selected for the sample are mailed an ASM survey questionnaire for each year through 2003.

The 1999-2003 ASM sample design is similar to the one used since 1984. Companies in the 1997 Economic Census — Manufacturing with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1999-2003 sample, there are approximately 500 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. Across these arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1997 Economic Census — Manufacturing.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1997 industry classification and its 1997 product class data. For each product class (1,755) and six-digit industry (473), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints, while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by the Census Bureau's primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) that permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

2. Nonmail stratum. The initial nonmail component of the survey was comprised of approximately 170,000 small, single-establishment companies that were tabulated as administrative records in the 1997 Economic Census — Manufacturing. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the Internal Revenue Service (IRS) and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum. For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census. The following are two ways that further explain this method: ASM Estimating Procedure. Most of the ASM

estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1997 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the “difference” between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1998-2002 ASM estimates, the 1997 Economic Census — Manufacturing values serve as the base year. For the 2003 ASM, the base will be updated to be the 2002 Economic Census — Manufacturing.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contained approximately 170,000 individual establishments in 1999, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication. ASM Data Qualifications. The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists, but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

- From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
- From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS

The 2002 Economic Census — Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or company. However, the number of establishments in a specific industry or geographic area is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

The disclosure analysis for the industry statistics files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. Nonetheless, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures, which can be suppressed even though value of shipments data are published.

Appendix D.

Geographic Notes

MISSOURI

Branson is in Stone and Taney Counties; it annexed into Stone County in April 1999. This change deletes territory from the Balance of Stone County.

Cameron is in Clinton and DeKalb Counties.

Cape Girardeau is in Cape Girardeau and Scott Counties.

Centralia is in Audrain and Boone Counties.

Cottleville is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of St. Charles County.

Dardenne Prairie is now tabulated separately due to a population increase. This change deletes territory from the Balance of St. Charles County.

Excelsior Springs is in Clay and Ray Counties.

Green Park is now tabulated separately due to a population increase. This change deletes territory from the Balance of St. Louis County.

Greenwood is now tabulated separately due to a population increase. This change deletes territory from the Balance of Jackson County.

Hannibal is in Marion and Ralls Counties.

Herculaneum is now tabulated separately due to a population increase. This change deletes territory from the Balance of Jefferson County.

Independence is in Clay and Jackson Counties.

Jefferson City is in Callaway and Cole Counties.

Joplin City is in Jasper and Newton Counties.

Kansas City is in Cass, Clay, Jackson, and Platte Counties.

Kimberling City is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Stone County.

Kinloch is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of St. Louis County.

Lee's Summit is in Cass and Jackson Counties.

Marceline is in Chariton and Linn Counties.

Monett is in Barry and Lawrence Counties.

Monroe City is in Marion, Monroe, and Ralls Counties.

Mountain Grove is in Texas and Wright Counties.

Oak Grove is in Jackson and Lafayette Counties.

Osage Beach is in Camden and Miller Counties.

Owensville is now tabulated separately due to a population increase. This change deletes territory from the Balance of Gasconade County.

Pacific is in Franklin and St. Louis Counties.

Peculiar is now tabulated separately due to a population increase. This change deletes territory from the Balance of Cass County.

Portageville is in New Madrid and Pemiscot Counties.

St. Robert is now tabulated separately due to a population increase. This change deletes territory from the Balance of Pulaski County.

Scott City is in Cape Girardeau and Scott Counties.

Sikeston is in New Madrid and Scott Counties.

Smithville is in Clay and Platte Counties; it annexed into Platte County in April 2000. This change deletes territory from the Balance of Platte County.

Springfield is in Christian and Greene Counties.

Sugar Creek is in Clay and Jackson Counties.

Sullivan is in Crawford and Franklin Counties.

Tipton is now tabulated separately due to a population increase. This change deletes territory from the Balance of Moniteau County.

Vandalia is in Audrain and Ralls Counties.

Weldon Spring is now tabulated separately due to a population increase. This change deletes territory from the Balance of St. Charles County.

Wellston is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of St. Louis County.

Willard is now tabulated separately due to a population increase. This change deletes territory from the Balance of Greene County.

Windsor is in Henry and Pettis Counties.

Balance of Cass County no longer includes Peculiar, which is tabulated separately due to a population increase.

Balance of Gasconade County no longer includes Owensville, which is tabulated separately due to a population increase.

Balance of Greene County no longer includes Willard, which is tabulated separately due to a population increase.

Balance of Jackson County no longer includes Greenwood, which is tabulated separately due to a population increase.

Balance of Jefferson County no longer includes Herculaneum, which is tabulated separately due to a population increase.

Balance of Moniteau County no longer includes Tipton, which is tabulated separately due to a population increase.

Balance of Platte County lost territory due to the annexation of Smithville into the county.

Balance of Pulaski County no longer includes St. Robert, which is tabulated separately due to a population increase.

Balance of St. Charles County includes Cottleville, which is no longer tabulated separately due to a population decrease and no longer includes Dardenne Prairie and Weldon Spring, which are tabulated separately due to a population increase.

Balance of St. Louis County includes Kinloch and Wellston, which are no longer tabulated separately due to a population decrease and no longer includes Green Park, which is tabulated separately due to a population increase.

Balance of Stone County includes Kimberling City, which is no longer tabulated separately due to a population decrease and lost territory due to the annexation of Branson into the county.

Appendix E.

Metropolitan and Micropolitan Statistical Areas

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

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

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

BRANSON, MO MICROPOLITAN STATISTICAL AREA

Stone County, MO

Taney County, MO

COLUMBIA, MO METROPOLITAN STATISTICAL AREA

Boone County, MO

Howard County, MO

FAYETTEVILLE-SPRINGDALE-ROGERS, AR-MO METROPOLITAN STATISTICAL AREA

Benton County, AR

Madison County, AR

Washington County, AR

McDonald County, MO

FORT LEONARD WOOD, MO MICROPOLITAN STATISTICAL AREA

Pulaski County, MO

HANNIBAL, MO MICROPOLITAN STATISTICAL AREA

Marion County, MO

Ralls County, MO

JEFFERSON CITY, MO METROPOLITAN STATISTICAL AREA

Callaway County, MO

Cole County, MO

Moniteau County, MO

Osage County, MO

JOPLIN, MO METROPOLITAN STATISTICAL AREA

Jasper County, MO

Newton County, MO

KENNETT, MO MICROPOLITAN STATISTICAL AREA

Dunklin County, MO

KEOKUK-FORT MADISON, IA-MO MICROPOLITAN STATISTICAL AREA

Lee County, IA

Clark County, MO

KIRKSVILLE, MO MICROPOLITAN STATISTICAL AREA

Adair County, MO

Schuylar County, MO

LEBANON, MO MICROPOLITAN STATISTICAL AREA

Laclede County, MO

MARSHALL, MO MICROPOLITAN STATISTICAL AREA

Saline County, MO

MARYVILLE, MO MICROPOLITAN STATISTICAL AREA

Nodaway County, MO

MEXICO, MO MICROPOLITAN STATISTICAL AREA

Audrain County, MO

MOBERLY, MO MICROPOLITAN STATISTICAL AREA

Randolph County, MO

POPLAR BLUFF, MO MICROPOLITAN STATISTICAL AREA

Butler County, MO

QUINCY, IL-MO MICROPOLITAN STATISTICAL AREA

Adams County, IL

Lewis County, MO

ROLLA, MO MICROPOLITAN STATISTICAL AREA

Phelps County, MO

ST. JOSEPH, MO-KS METROPOLITAN STATISTICAL AREA

Doniphan County, KS

Andrew County, MO

Buchanan County, MO

DeKalb County, MO

SEDALIA, MO MICROPOLITAN STATISTICAL AREA

Pettis County, MO

SPRINGFIELD, MO METROPOLITAN STATISTICAL AREA

Christian County, MO

Dallas County, MO

Greene County, MO

Polk County, MO

Webster County, MO

WEST PLAINS, MO MICROPOLITAN STATISTICAL AREA

Howell County, MO

