

Industry-Product Analysis Summary: 2002

Issued March 2005

EC02-31SX-1

2002 Economic Census

Manufacturing

Subject Series



U S C E N S U S B U R E A U

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CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix
Tables	
1. Industry-Product Analysis—Industry Shipments by Product: 2002	1
2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002	182
Appendixes	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--

-- Not applicable for this report.

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

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

INDUSTRY CLASSIFICATIONS

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

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

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

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

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

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

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

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

BASIS OF REPORTING

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

GEOGRAPHIC AREA CODING

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

AVAILABILITY OF ADDITIONAL DATA

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

HISTORICAL INFORMATION

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

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

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

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

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

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

SOURCES FOR MORE INFORMATION

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

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Manufacturing

SCOPE

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

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

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

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

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

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

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

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

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

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

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

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

REPORTS

The following reports provide statistics on this sector.

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

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

Subject Series:

- **Industry-Product Analysis Summary.** This report presents company, establishments, 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.

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

DOLLAR VALUES

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

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

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

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

RELIABILITY OF DATA

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

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-Product Analysis—Industry Shipments by Product: 2002

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311111		Dog and cat food manufacturing	10 605 126	X	100.00
	311111	Dog and cat food manufacturing	X	D	S
	3111111	Dog food	X	D	S
	3111114	Cat food	X	3 524 745	33.24
	311111W	Dog and cat food manufacturing, nsk, total	X	D	S
	311119	Other animal food manufacturing	X	D	S
	311119J	Beef cattle feed supplements, concentrates, and premixes	X	D	S
	311119R	Specialty feeds	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	890 145	8.39
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	890 145	8.39
	999999	All other products made in this industry	X	7 584	.07
	9999999	All other products made in this industry	X	11 530	.11
311119		Other animal food manufacturing	17 365 255	X	100.00
	311111	Dog and cat food manufacturing	X	D	S
	3111111	Dog food	X	D	S
	3111114	Cat food	X	16 731	.10
	311111W	Dog and cat food manufacturing, nsk, total	X	D	S
	311119	Other animal food manufacturing	X	15 624 122	89.97
	3111191	Chicken and turkey feed, supplements, concentrates, and premixes	X	5 323 979	30.66
	3111194	Dairy cattle feed, complete	X	1 621 456	9.34
	3111197	Dairy cattle feed supplements, concentrates, and premixes	X	D	S
	311119A	Swine feed, complete	X	D	S
	311119D	Swine feed supplements, concentrates, and premixes	X	571 732	3.29
	311119G	Beef cattle feed, complete	X	617 001	3.55
	311119J	Beef cattle feed supplements, concentrates, and premixes	X	D	S
	311119M	Other poultry and livestock feed	X	D	S
	311119P	Other prepared animal feeds, including feeding materials and adjuncts	X	593 139	3.42
	311119R	Specialty feeds	X	950 131	5.47
	311119W	Other animal food manufacturing, nsk, total	X	3 034 369	17.47
	311211	Flour milling	X	10 785	.06
	3112117	Corn mill products	X	D	S
	311423	Dried and dehydrated food manufacturing	X	D	S
	3114235	Dried and dehydrated fruits and vegetables, including freeze-dried	X	D	S
	311613	Rendering and meat byproduct processing	X	D	S
	3116135	Animal and marine feed and fertilizer byproducts	X	D	S
	311942	Spice and extract manufacturing	X	D	S
	3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999P	Other food preparations	X	D	S
	325412	Pharmaceutical preparation manufacturing	X	42 250	.24
	325412T	Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics	X	42 250	.24
	930000	Receipts for work done for others on their materials	X	26 124	.15
	9300000	Receipts for work done for others on their materials	X	26 124	.15
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	115 498	.67
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	115 498	.67
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 386 408	7.98
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 386 408	7.98	
999999	All other products made in this industry	X	19 693	.11	
9999999	All other products made in this industry	X	21 806	.13	
311211		Flour milling	6 878 734	X	100.00
	311119	Other animal food manufacturing	X	D	S
	311119P	Other prepared animal feeds, including feeding materials and adjuncts	X	D	S
	311119W	Other animal food manufacturing, nsk, total	X	23 121	.34
	311211	Flour milling	X	6 481 880	94.23
	3112111	Wheat flour (except flour mixes), made in flour mills	X	4 296 154	62.46
	3112114	Wheat mill products, except flour	X	433 282	6.30
	3112117	Corn mill products	X	D	S
	311211A	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills	X	537 845	7.82
	311211B	Other grain mill products	X	D	S
	311211W	Flour milling, nsk, total	X	170 745	2.48
	311212	Rice milling	X	6 143	.09
	3112120	Rice milling	X	6 143	.09
	311213	Malt manufacturing	X	D	S
	3112130	Malt	X	D	S
	311230	Breakfast cereal manufacturing	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	324 471	4.72
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	324 471	4.72
	999999	All other products made in this industry	X	20 145	.29
	9999999	All other products made in this industry	X	25 723	.37
311212		Rice milling	1 728 419	X	100.00
	311212	Rice milling	X	D	S
	3112120	Rice milling	X	D	S
	930000	Receipts for work done for others on their materials	X	8 356	.48
	9300000	Receipts for work done for others on their materials	X	8 356	.48
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	86 027	4.98
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	86 027	4.98
	999999	All other products made in this industry	X	D	S
9999999	All other products made in this industry	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311213		Malt manufacturing	478 890	X	100.00	
	311213	Malt manufacturing	X	D	S	
	3112130	Malt	X	D	S	
	999999	All other products made in this industry	X	D	S	
	9999999	All other products made in this industry	X	D	S	
311221		Wet corn milling	8 246 618	X	100.00	
	311211	Flour milling	X	D	S	
	3112111	Wheat flour (except flour mixes), made in flour mills	X	D	S	
	311211B	Other grain mill products	X	D	S	
	311221	Wet corn milling	X	D	S	
	3112211	Corn sweeteners	6 729 824	X	81.61	
	3112214	Manufactured starch	X	D	S	
	3112218	Corn oil	271 778	X	3.30	
	311221A	Wet process corn byproducts	X	D	S	
	311221W	Wet corn milling, nsk, total	458 293	X	5.56	
	311225	Fats and oils refining and blending	X	D	S	
	3112252	Shortening and cooking oils	X	D	S	
	311421	Fruit and vegetable canning	X	D	S	
	3114214	Canned vegetables, except hominy and mushrooms	X	D	S	
	311999	All other miscellaneous food manufacturing	X	D	S	
	3119994	Sweetening syrups and molasses	X	D	S	
	325120	Industrial gas manufacturing	X	D	S	
	3251204	Carbon dioxide	X	D	S	
	325193	Ethyl alcohol manufacturing	X	D	S	
	3251930	Ethyl alcohol	X	D	S	
	325199	All other basic organic chemical manufacturing	X	D	S	
	325199G	Synthetic organic alcohols, unmixed	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	37 414	.45	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	37 414	.45	
	999999	All other products made in this industry	X	15 226	.18	
	9999999	All other products made in this industry	X	20 808	.25	
	311222		Soybean processing	12 780 072	X	100.00
		311211	Flour milling	X	D	S
		3112117	Corn mill products	X	D	S
		311221	Wet corn milling	X	D	S
		3112218	Corn oil	X	D	S
		311222	Soybean processing	X	D	S
		3112221	Soybean oil	10 298 521	X	80.58
		3112224	Soybean cake, meal, and other byproducts	2 613 785	X	20.45
		311222W	Soybean processing, nsk, total	7 551 898	X	59.09
		311223	Other oilseed processing	132 838	X	1.04
		3112234	Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products)	X	D	S
		311223G	Other vegetable oils	X	D	S
		311225	Fats and oils refining and blending	1 840 047	X	14.40
		3112252	Shortening and cooking oils	X	D	S
		3112254	Margarine, butter blends, and butter substitutes	X	D	S
		311823	Dry pasta manufacturing	X	D	S
3118230		Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	D	S	
325412		Pharmaceutical preparation manufacturing	X	D	S	
325412L		Pharmaceutical preparations, vitamin, nutrient, and hematinic preparations, for human use	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	397 617	3.11	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	397 617	3.11	
999999		All other products made in this industry	X	9 582	.07	
9999999		All other products made in this industry	X	11 375	.09	
311223			Other oilseed processing	1 129 107	X	100.00
		311223	Other oilseed processing	X	D	S
		3112231	Crude cottonseed oil	102 665	X	9.09
		3112234	Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products)	X	D	S
		3112237	Cotton linters	135 828	X	12.03
		311223A	Cottonseed cake and meal and other byproducts	57 433	X	5.09
		311223D	Linseed oil	X	D	S
		311223G	Other vegetable oils	X	D	S
		311223J	Other vegetable oil mill products	X	D	S
	311225	Fats and oils refining and blending	X	D	S	
	3112252	Shortening and cooking oils	X	D	S	
	3112254	Margarine, butter blends, and butter substitutes	X	D	S	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	33 408	2.96	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	33 408	2.96	
	999999	All other products made in this industry	X	2 996	.27	
	9999999	All other products made in this industry	X	5 615	.50	
	311225		Fats and oils refining and blending	7 319 903	X	100.00
		311221	Wet corn milling	X	D	S
3112218		Corn oil	77 405	X	1.06	
311222		Soybean processing	X	D	S	
3112221		Soybean oil	494 172	X	6.75	
3112224		Soybean cake, meal, and other byproducts	131 744	X	1.80	
311223		Other oilseed processing	362 428	X	4.95	
3112234		Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products)	125 779	X	1.72	
311223A		Cottonseed cake and meal and other byproducts	X	D	S	
311223G		Other vegetable oils	X	D	S	
311223J		Other vegetable oil mill products	X	D	S	
311225		Fats and oils refining and blending	X	D	S	
3112252		Shortening and cooking oils	6 223 147	X	85.02	
				4 609 830	62.98	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments		
311225		Fats and oils refining and blending—Con.					
	311225	Fats and oils refining and blending—Con.					
	3112254	Margarine, butter blends, and butter substitutes	X	1 179 229	16.11		
	311225W	Fats and oils refining and blending, nsk, total	X	434 088	5.93		
	311421	Fruit and vegetable canning	X	D	S		
	311423	Dried and dehydrated food manufacturing	X	D	S		
	3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	X	D	S		
	311512	Creamery butter manufacturing	X	D	S		
	3115120	Creamery butter manufacturing	X	D	S		
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	D	S		
	3119414	Prepared sauces, except tomato	X	D	S		
	3119417	Mayonnaise, salad dressings, and sandwich spreads	X	D	S		
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	184 211	2.52		
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	184 211	2.52		
	999999	All other products made in this industry	X	24 978	.34		
	9999999	All other products made in this industry	X	45 295	.62		
	311230		Breakfast cereal manufacturing	9 102 527	X	100.00	
311211		Flour milling	X	19 012	.21		
3112114		Wheat mill products, except flour	X	D	S		
311211A		Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills	X	D	S		
311230		Breakfast cereal manufacturing	X	7 321 475	80.43		
3112301		Ready-to-serve breakfast cereal foods (except infant cereals)	X	6 629 326	72.83		
3112304		Other breakfast cereal foods	X	587 498	6.45		
311230W		Breakfast cereal manufacturing, nsk, total	X	104 651	1.15		
311320		Chocolate and confectionery manufacturing from cacao beans	X	D	S		
3113207		Other chocolate and cocoa products, made from cacao beans	X	D	S		
311422		Specially canning	X	D	S		
3114224		Canned soups and stews, except frozen and seafood	X	D	S		
311423		Dried and dehydrated food manufacturing	X	D	S		
3114238		Other purchased products packaged with dried and dehydrated ingredients	X	D	S		
311514		Dry condensed and evaporated dairy product manufacturing	X	D	S		
3115141		Dry milk products and mixtures	X	D	S		
311812		Commercial bakeries	X	D	S		
3118125		Rolls (bread-type), muffins, bagels, and croissants	X	D	S		
311821		Cookie and cracker manufacturing	X	D	S		
3118214		Cookies, wafers, and ice cream cones and cups (except frozen)	X	D	S		
311822		Flour mixes and dough manufacturing from purchased flour	X	D	S		
3118220		Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	D	S		
311823		Dry pasta manufacturing	X	D	S		
3118230		Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	D	S		
311919		Other snack food manufacturing	X	D	S		
3119194		Corn chips and related products	X	D	S		
3119197		Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.) excluding crackers, soft pretzels, and nuts	X	D	S		
311999		All other miscellaneous food manufacturing	X	D	S		
3119991		Desserts (ready-to-mix)	X	D	S		
3119994		Sweetening syrups and molasses	X	D	S		
311999B		Packaging purchased macaroni and noodle products with other purchased ingredients	X	D	S		
311999J		Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S		
311999P		Other food preparations	X	D	S		
312111		Soft drink manufacturing	X	D	S		
312111A		Non-carbonated soft drinks	X	D	S		
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	419 321	4.61		
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	419 321	4.61		
999999		All other products made in this industry	X	8 845	.10		
9999999		All other products made in this industry	X	14 087	.15		
311311			Sugarcane mills	1 663 833	X	100.00	
		311311	Sugarcane mills	X	D	S	
		3113110	Raw cane sugar	X	D	S	
		311312	Cane sugar refining	X	D	S	
		3113120	Refined granulated cane sugar and by-products	X	D	S	
		999999	All other products made in this industry	X	4 820	.29	
		9999999	All other products made in this industry	X	4 820	.29	
		311312		Cane sugar refining	2 696 992	X	100.00
			311311	Sugarcane mills	X	D	S
3113110			Raw cane sugar	X	D	S	
311312			Cane sugar refining	X	2 634 576	97.69	
3113120			Refined granulated cane sugar and by-products	X	2 634 576	97.69	
311313			Beet sugar manufacturing	X	D	S	
3113130			Beet sugar	X	D	S	
311511			Fluid milk manufacturing	X	D	S	
311511D			Perishable dairy product substitutes	X	D	S	
311942			Spice and extract manufacturing	X	D	S	
3119421			Table salt (evaporated), pepper (white and black), and other spices	X	D	S	
3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)		X	D	S		
930000	Receipts for work done for others on their materials		X	—	—		
9300000	Receipts for work done for others on their materials		X	—	—		
999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.		X	—	—		
9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.		X	—	—		
999890	Sales of products bought and sold without further manufacture, processing, or assembly		X	20 303	.75		
9998900	Sales of products bought and sold without further manufacture, processing, or assembly		X	20 303	.75		
999999	All other products made in this industry		X	—	—		

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311312		Cane sugar refining—Con.			
	999999	All other products made in this industry—Con.			
	9999999	All other products made in this industry	X	—	—
311313		Beet sugar manufacturing	2 256 399	X	100.00
	311312	Cane sugar refining	X	D	S
	3113120	Refined granulated cane sugar and by-products	X	D	S
	311313	Beet sugar manufacturing	X	D	S
	3113130	Beet sugar	X	D	S
	311942	Spice and extract manufacturing	X	D	S
	3119421	Table salt (evaporated), pepper (white and black), and other spices	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	26 584	1.18
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	26 584	1.18
	999999	All other products made in this industry	X	15 356	.68
	9999999	All other products made in this industry	X	15 356	.68
311320		Chocolate and confectionery manufacturing from cacao beans	4 078 568	X	100.00
	311320	Chocolate and confectionery manufacturing from cacao beans	X	3 697 075	90.65
	3113201	Chocolate coatings, made from cacao beans	X	D	S
	3113204	Chocolate and chocolate-type confectionery products, made from cacao beans	X	D	S
	3113207	Other chocolate and cocoa products, made from cacao beans	X	1 058 718	25.96
	311320W	Chocolate and confectionery manufacturing from cacao beans, nsk, total	X	102 734	2.52
	311340	Nonchocolate confectionery manufacturing	X	59 863	1.47
	3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	X	58 424	1.43
	311511	Fluid milk manufacturing	X	D	S
	311511G	Other packaged milk products	X	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	X	D	S
	311514D	Dairy product substitutes	X	D	S
	311920	Coffee and tea manufacturing	X	D	S
	3119205	Coffee, concentrated (freeze-dried, spray-dried, frozen, or liquid concentrated, mixtures, etc.), and coffee substitutes	X	D	S
	3119207	Tea in consumer packages	X	D	S
	311930	Flavoring syrup and concentrate manufacturing	X	D	S
	3119308	Other flavoring agents (except chocolate syrups)	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	187 719	4.60
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	187 719	4.60
	999999	All other products made in this industry	X	6 854	.17
	9999999	All other products made in this industry	X	12 435	.30
311330		Confectionery manufacturing from purchased chocolate	8 850 628	X	100.00
	311320	Chocolate and confectionery manufacturing from cacao beans	X	134 279	1.52
	3113201	Chocolate coatings, made from cacao beans	X	D	S
	3113207	Other chocolate and cocoa products, made from cacao beans	X	D	S
	311330	Confectionery manufacturing from purchased chocolate	X	7 334 923	82.87
	3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	6 648 236	75.12
	3113302	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment	X	176 972	2.00
	311330W	Confectionery manufacturing from purchased chocolate, nsk, total	X	509 715	5.76
	311340	Nonchocolate confectionery manufacturing	X	823 486	9.30
	3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	X	786 008	8.88
	3113402	Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment	X	D	S
	3113407	Other confectionery-type products	X	D	S
	311911	Roasted nuts and peanut butter manufacturing	X	D	S
	3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	X	13 412	.15
	3119114	Peanut butter	X	D	S
	311930	Flavoring syrup and concentrate manufacturing	X	D	S
	3119308	Other flavoring agents (except chocolate syrups)	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999P	Other food preparations	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	437 827	4.95
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	437 827	4.95
	999999	All other products made in this industry	X	6 757	.08
	9999999	All other products made in this industry	X	16 058	.18
311340		Nonchocolate confectionery manufacturing	6 019 455	X	100.00
	311222	Soybean processing	X	D	S
	3112224	Soybean cake, meal, and other byproducts	X	D	S
	311230	Breakfast cereal manufacturing	X	D	S
	3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	X	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	X	D	S
	3113204	Chocolate and chocolate-type confectionery products, made from cacao beans	X	D	S
	311330	Confectionery manufacturing from purchased chocolate	X	134 275	2.23
	3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	89 234	1.48
	3113302	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment	X	45 041	.75

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311340		Nonchocolate confectionery manufacturing—Con.				
	311340	Nonchocolate confectionery manufacturing	X	D	S	
	3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	X	3 324 393	55.23	
	3113402	Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment	X	D	S	
	3113404	Chewing gum, bubble gum, and chewing gum base	X	1 734 989	28.82	
	3113407	Other confectionery-type products	X	D	S	
	311340W	Nonchocolate confectionery manufacturing, nsk, total	X	228 130	3.79	
	311421	Fruit and vegetable canning	X	D	S	
	311421G	Canned jams, jellies, and preserves	X	D	S	
	311911	Roasted nuts and peanut butter manufacturing	X	29 247	.49	
	3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	X	29 202	.49	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	163 401	2.71	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	163 401	2.71	
	999999	All other products made in this industry	X	32 961	.55	
	9999999	All other products made in this industry	X	34 859	.58	
	311411		Frozen fruit, juice, and vegetable manufacturing	9 040 481	X	100.00
		311119	Other animal food manufacturing	X	7 823	.09
311119P		Other prepared animal feeds, including feeding materials and adjuncts	X	D	S	
311411		Frozen fruit, juice, and vegetable manufacturing	X	8 390 043	92.81	
3114111		Frozen fruits, juices, ades, drinks, and cocktails	X	2 381 179	26.34	
3114114		Frozen vegetables	X	5 667 449	62.69	
311411W		Frozen fruit, juice, and vegetable manufacturing, nsk, total	X	341 415	3.78	
311412		Frozen specialty food manufacturing	X	96 581	1.07	
3114121		Frozen dinners (beef, pork, and poultry pies) and nationality foods	X	65 641	.73	
3114124		Other frozen specialties	X	30 940	.34	
311421		Fruit and vegetable canning	X	169 456	1.87	
3114214		Canned vegetables, except hominy and mushrooms	X	D	S	
311421D		Canned catsup and other tomato based sauces	X	D	S	
311421J		Canned fruit juices, neclars, and concentrates	X	95 144	1.05	
311421M		Fresh fruit juices and nectars	X	D	S	
311422		Specialty canning	X	D	S	
3114227		Canned dry beans	X	D	S	
311919		Other snack food manufacturing	X	D	S	
3119191		Potato chips and sticks, plain and flavored	X	D	S	
311930		Flavoring syrup and concentrate manufacturing	X	D	S	
3119304		Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers, to trade or nonbottler distributors	X	D	S	
311991		Perishable prepared food manufacturing	X	D	S	
3119910		Perishable prepared food manufacturing	X	D	S	
313230		Nonwoven fabric mills	X	D	S	
3132303		Fabricated nonwoven products	X	D	S	
325612		Polish and other sanitation good manufacturing	X	D	S	
3256125		Specialty cleaning and sanitation products	X	D	S	
3256127		Polishing preparations and related products	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	15 530	.17	
325998J		All other chemical preparations, including essential oils and water-treating compounds	X	D	S	
325998W		All other miscellaneous chemical product and preparation manufacturing, nsk, total	X	D	S	
930000		Receipts for work done for others on their materials	X	23 285	.26	
9300000		Receipts for work done for others on their materials	X	23 285	.26	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 928	.23	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 928	.23	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	140 722	1.56	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	140 722	1.56	
999999		All other products made in this industry	X	681	.01	
9999999		All other products made in this industry	X	6 145	.07	
311412			Frozen specialty food manufacturing	12 687 252	X	100.00
		311412	Frozen specialty food manufacturing	X	11 987 336	94.48
		3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods	X	8 111 728	63.94
		3114124	Other frozen specialties	X	2 827 505	22.29
		311412W	Frozen specialty food manufacturing, nsk, total	X	1 048 103	8.26
		311422	Specialty canning	X	D	S
		3114224	Canned soups and stews, except frozen and seafood	X	D	S
		311423	Dried and dehydrated food manufacturing	X	D	S
	3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	X	D	S	
	311511	Fluid milk manufacturing	X	D	S	
	311511D	Perishable dairy product substitutes	X	D	S	
	311611	Animal (except poultry) slaughtering	X	D	S	
	3116111	Beef, not canned or made into sausage, made in slaughtering plants	X	D	S	
	311612	Meat processed from carcasses	X	D	S	
	311612A	Other processed, frozen, or cooked meats, made from purchased carcasses	X	D	S	
	311712	Fresh and frozen seafood processing	X	128 608	1.01	
	3117122	Prepared frozen fish	X	D	S	
	3117124	Other prepared fresh and frozen seafood	X	D	S	
	311811	Retail bakeries	X	D	S	
	3118110	Retail bakery products	X	D	S	
	311813	Frozen cakes, pies, and other pastries manufacturing	X	42 622	.34	
	3118130	Frozen bakery product manufacturing	X	42 622	.34	
	311822	Flour mixes and dough manufacturing from purchased flour	X	D	S	
	3118220	Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	D	S	
	311942	Spice and extract manufacturing	X	D	S	
	3119427	Dry mix food preparations	X	D	S	
	311991	Perishable prepared food manufacturing	X	D	S	
	3119910	Perishable prepared food manufacturing	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	110 501	.87	

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311412	999890	Frozen specialty food manufacturing—Con.			
		Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	110 501	.87
	999999	All other products made in this industry	X	25 889	.20
	9999999	All other products made in this industry	X	26 853	.21
311421		Fruit and vegetable canning	18 921 406	X	100.00
	311119	Other animal food manufacturing	X	D	S
	311119J	Beef cattle feed supplements, concentrates, and premixes	X	D	S
	311222	Soybean processing	X	D	S
	3112224	Soybean cake, meal, and other byproducts	X	D	S
	311225	Fats and oils refining and blending	X	D	S
	3112252	Shortening and cooking oils	X	D	S
	311230	Breakfast cereal manufacturing	X	D	S
	3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	X	D	S
	311330	Confectionery manufacturing from purchased chocolate	X	D	S
	3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	X	160 598	.85
	3114111	Frozen fruits, juices, ades, drinks, and cocktails	X	D	S
	3114114	Frozen vegetables	X	D	S
	311421	Fruit and vegetable canning	X	16 553 925	87.49
	3114211	Canned fruits, except baby foods	X	D	S
	3114214	Canned vegetables, except hominy and mushrooms	X	2 660 803	14.06
	3114217	Canned hominy and mushrooms	X	D	S
	311421A	Canned vegetable juices	X	D	S
	311421D	Canned catsup and other tomato based sauces	X	3 394 375	17.94
	311421G	Canned jams, jellies, and preserves	X	1 084 565	5.73
	311421J	Canned fruit juices, neclars, and concentrates	X	3 108 172	16.43
	311421M	Fresh fruit juices and nectars	X	1 311 079	6.93
	311421P	Pickles and other pickled products	X	1 382 678	7.31
	311421W	Fruit and vegetable canning, nsk, total	X	1 187 801	6.28
	311422	Specialty canning	X	358 532	1.89
	3114224	Canned soups and stews, except frozen and seafood	X	D	S
	3114227	Canned dry beans	X	206 747	1.09
	311422B	Other canned specialties and nationality foods	X	D	S
	311511	Fluid milk manufacturing	X	D	S
	3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	X	D	S
	311511G	Other packaged milk products	X	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	X	60 347	.32
	3115145	Milk products, shipped in consumer-type cans, except substitutes	X	D	S
	311514A	Ice cream mixes and related products	X	D	S
	311514D	Dairy product substitutes	X	D	S
	311612	Meat processed from carcasses	X	D	S
	3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses	X	D	S
	311711	Seafood canning	X	D	S
	3117110	Seafood canning	X	D	S
	311821	Cookie and cracker manufacturing	X	D	S
	3118212	Crackers, biscuits, and related products	X	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	X	D	S
	3118220	Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	D	S
	311823	Dry pasta manufacturing	X	D	S
	3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	D	S
	311911	Roasted nuts and peanut butter manufacturing	X	140 931	.74
	3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	X	D	S
	3119114	Peanut butter	X	D	S
	311919	Other snack food manufacturing	X	21 989	.12
	3119191	Potato chips and sticks, plain and flavored	X	D	S
	3119197	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.) excluding crackers, soft pretzels, and nuts	X	D	S
	311930	Flavoring syrup and concentrate manufacturing	X	124 841	.66
	3119308	Other flavoring agents (except chocolate syrups)	X	118 989	.63
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	204 467	1.08
	3119411	Vinegar and cider	X	D	S
	3119414	Prepared sauces, except tomato	X	87 898	.46
	3119417	Mayonnaise, salad dressings, and sandwich spreads	X	D	S
	311942	Spice and extract manufacturing	X	30 730	.16
	3119421	Table salt (evaporated), pepper (white and black), and other spices	X	D	S
	3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	D	S
	311999	All other miscellaneous food manufacturing	X	191 665	1.01
	3119994	Sweetening syrups and molasses	X	157 788	.83
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S
	311999P	Other food preparations	X	D	S
	312111	Soft drink manufacturing	X	292 075	1.54
	3121114	Canned carbonated soft drinks	X	D	S
	312111A	Non-carbonated soft drinks	X	D	S
	312112	Bottled water manufacturing	X	D	S
	3121120	Bottled water manufacturing	X	D	S
	930000	Receipts for work done for others on their materials	X	127 670	.67
	9300000	Receipts for work done for others on their materials	X	127 670	.67
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	26 585	.14
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	26 585	.14
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	277 357	1.47
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	277 357	1.47
	999999	All other products made in this industry	X	28 010	.15
	9999999	All other products made in this industry	X	46 508	.25

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311422		Specialty canning	7 701 516	X	100.00	
	311230	Breakfast cereal manufacturing	X	D	S	
	3112304	Other breakfast cereal foods	X	D	S	
	311421	Fruit and vegetable canning	X	D	S	
	3114214	Canned vegetables, except hominy and mushrooms	X	D	S	
	3114217	Canned hominy and mushrooms	X	D	S	
	311421A	Canned vegetable juices	X	D	S	
	311421D	Canned catsup and other tomato based sauces	X	D	S	
	311422	Specialty canning	X	5 950 223	77.26	
	3114221	Canned baby foods, except cereal and biscuits	X	D	S	
	3114224	Canned soups and stews, except frozen and seafood	X	3 176 306	41.24	
	3114227	Canned dry beans	X	D	S	
	311422B	Other canned specialties and nationality foods	X	676 834	8.79	
	311422W	Specialty canning, nsk, total	X	650 527	8.45	
	311423	Dried and dehydrated food manufacturing	X	D	S	
	311612	Meat processed from carcasses	X	46 660	.61	
	3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses	X	46 660	.61	
	311711	Seafood canning	X	D	S	
	3117110	Seafood canning	X	D	S	
	311812	Commercial bakeries	X	D	S	
	3118125	Rolls (bread-type), muffins, bagels, and croissants	X	D	S	
	311830	Tortilla manufacturing	X	D	S	
	3118300	Tortillas sold in bulk or packages, not frozen or canned	X	D	S	
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	112 956	1.47	
	3119414	Prepared sauces, except tomato	X	111 329	1.45	
	311942	Spice and extract manufacturing	X	D	S	
	3119421	Table salt (evaporated), pepper (white and black), and other spices	X	D	S	
	311999	All other miscellaneous food manufacturing	X	D	S	
	311999P	Other food preparations	X	D	S	
	312111	Soft drink manufacturing	X	D	S	
	312111A	Non-carbonated soft drinks	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	45 686	.59	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	45 686	.59	
	999999	All other products made in this industry	X	6 302	.08	
	9999999	All other products made in this industry	X	14 818	.19	
	311423		Dried and dehydrated food manufacturing	5 274 687	X	100.00
		311222	Soybean processing	X	D	S
		3112224	Soybean cake, meal, and other byproducts	X	D	S
		311230	Breakfast cereal manufacturing	X	D	S
		3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	X	D	S
		311340	Nonchocolate confectionery manufacturing	X	D	S
		3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	X	D	S
		311423	Dried and dehydrated food manufacturing	X	4 217 472	79.96
		3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	X	1 009 482	19.14
		3114235	Dried and dehydrated fruits and vegetables, including freeze-dried	X	D	S
3114237		Macaroni and noodle products, purchased, packaged with other ingredients mitsse, except canned or frozen	X	D	S	
3114238		Other purchased products packaged with dried and dehydrated ingredients mitsse	X	D	S	
311423W		Dried and dehydrated food manufacturing, nsk, total	X	415 632	7.88	
311822		Flour mixes and dough manufacturing from purchased flour	X	D	S	
3118220		Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	D	S	
311911		Roasted nuts and peanut butter manufacturing	X	D	S	
3119111		Nuts and seeds (salted, roasted, cooked, or blanched)	X	D	S	
311930		Flavoring syrup and concentrate manufacturing	X	D	S	
3119308		Other flavoring agents (except chocolate syrups)	X	D	S	
311942		Spice and extract manufacturing	X	D	S	
3119427		Dry mix food preparations	X	D	S	
311999		All other miscellaneous food manufacturing	X	326 796	6.20	
3119991		Desserts (ready-to-mix)	X	D	S	
311999B		Packaging purchased macaroni and noodle products with other purchased ingredients	X	D	S	
311999J		Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S	
311999P		Other food preparations	X	D	S	
930000		Receipts for work done for others on their materials	X	25 115	.48	
9300000		Receipts for work done for others on their materials	X	25 115	.48	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	362 199	6.87	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	362 199	6.87	
999999		All other products made in this industry	X	18 791	.36	
9999999		All other products made in this industry	X	28 531	.54	
311511			Fluid milk manufacturing	24 922 476	X	100.00
		311412	Frozen specialty food manufacturing	X	D	S
		3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods	X	D	S
		3114124	Other frozen specialties	X	17 386	.07
		311421	Fruit and vegetable canning	X	360 353	1.45
		311421D	Canned catsup and other tomato based sauces	X	D	S
		311421J	Canned fruit juices, nectars, and concentrates	X	D	S
		311421M	Fresh fruit juices and nectars	X	312 623	1.25
		311421P	Pickles and other pickled products	X	D	S
		311511	Fluid milk manufacturing	X	19 655 981	78.87
		3115111	Fluid milk and cream, bulk sales	X	2 577 085	10.34
		3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	X	11 737 547	47.10
		3115117	Cottage cheese (including bakers', pot, and farmers' cheese)	X	700 698	2.81
	311511A	Yogurt, except frozen	X	2 075 659	8.33	
	311511D	Perishable dairy product substitutes	X	673 441	2.70	
	311511G	Other packaged milk products	X	1 293 984	5.19	
	311511W	Fluid milk manufacturing, nsk, total	X	597 567	2.40	
	311512	Creamery butter manufacturing	X	203 668	.82	
3115120	Creamery butter manufacturing	X	203 668	.82		

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311511		Fluid milk manufacturing—Con.			
	311513	Cheese manufacturing	X	312 922	1.26
	3115131	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese	X	272 277	1.09
	3115134	Process cheese and related products	X	D	S
	311513A	Raw liquid whey	X	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	X	1 066 667	4.28
	3115141	Dry milk products and mixtures	X	419 832	1.68
	3115145	Milk products, shipped in consumer-type cans, except substitutes	X	187 187	.75
	3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks)	X	D	S
	311514A	Ice cream mixes and related products	X	382 937	1.54
	311514D	Dairy product substitutes	X	D	S
	311520	Ice cream and frozen dessert manufacturing	X	597 241	2.40
	3115200	Ice cream and frozen dessert manufacturing	X	597 241	2.40
	311920	Coffee and tea manufacturing	X	D	S
	3119207	Tea in consumer packages	X	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	D	S
	3119417	Mayonnaise, salad dressings, and sandwich spreads	X	D	S
	311942	Spice and extract manufacturing	X	D	S
	3119427	Dry mix food preparations	X	D	S
	312111	Soft drink manufacturing	X	416 586	1.67
	3121114	Canned carbonated soft drinks	X	D	S
	312111A	Non-carbonated soft drinks	X	D	S
	312111W	Soft drink manufacturing, nsk, total	X	9 771	.04
	312112	Bottled water manufacturing	X	D	S
	3121120	Bottled water manufacturing	X	D	S
	312113	Ice manufacturing	X	6 031	.02
	3121130	Ice manufacturing	X	6 031	.02
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	32 792	.13
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	32 792	.13
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 154 663	8.65
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 154 663	8.65
	999999	All other products made in this industry	X	13 661	.05
	9999999	All other products made in this industry	X	22 355	.09
311512		Creamery butter manufacturing	1 604 947	X	100.00
	311225	Fats and oils refining and blending	X	D	S
	3112254	Margarine, butter blends, and butter substitutes	X	D	S
	311421	Fruit and vegetable canning	X	D	S
	311421M	Fresh fruit juices and nectars	X	D	S
	311511	Fluid milk manufacturing	X	118 323	7.37
	3115111	Fluid milk and cream, bulk sales	X	115 634	7.20
	311512	Creamery butter manufacturing	X	1 249 518	77.85
	3115120	Creamery butter manufacturing	X	1 249 518	77.85
	311513	Cheese manufacturing	X	D	S
	3115131	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese	X	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	X	156 212	9.73
	3115141	Dry milk products and mixtures	X	D	S
	3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks)	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	27 191	1.69
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	27 191	1.69
	999999	All other products made in this industry	X	3 427	.21
	9999999	All other products made in this industry	X	10 810	.67
311513		Cheese manufacturing	22 006 031	X	100.00
	311119	Other animal food manufacturing	X	D	S
	3111197	Dairy cattle feed supplements, concentrates, and premixes	X	D	S
	311421	Fruit and vegetable canning	X	16 493	.07
	3114214	Canned vegetables, except hominy and mushrooms	X	D	S
	311421D	Canned catsup and other tomato based sauces	X	D	S
	311511	Fluid milk manufacturing	X	704 844	3.20
	3115111	Fluid milk and cream, bulk sales	X	602 142	2.74
	3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	X	17 141	.08
	3115117	Cottage cheese (including bakers', pot, and farmers' cheese)	X	59 620	.27
	311511A	Yogurt, except frozen	X	14 290	.06
	311511D	Perishable dairy product substitutes	X	D	S
	311511G	Other packaged milk products	X	D	S
	311512	Creamery butter manufacturing	X	D	S
	3115120	Creamery butter manufacturing	X	D	S
	311513	Cheese manufacturing	X	19 243 240	87.45
	3115131	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese	X	13 420 518	60.99
	3115134	Process cheese and related products	X	4 718 389	21.44
	3115137	Cheese substitutes and imitations	X	D	S
	311513A	Raw liquid whey	X	D	S
	311513W	Cheese manufacturing, nsk, total	X	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	X	617 244	2.80
	3115141	Dry milk products and mixtures	X	395 132	1.80
	3115145	Milk products, shipped in consumer-type cans, except substitutes	X	D	S
	3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks)	X	148 771	.68
	311514A	Ice cream mixes and related products	X	D	S
	311514D	Dairy product substitutes	X	D	S
	311520	Ice cream and frozen dessert manufacturing	X	D	S
	3115200	Ice cream and frozen dessert manufacturing	X	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	D	S
	3119414	Prepared sauces, except tomato	X	D	S
	311991	Perishable prepared food manufacturing	X	D	S
	3119910	Perishable prepared food manufacturing	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999P	Other food preparations	X	D	S
	930000	Receipts for work done for others on their materials	X	5 473	.02
	9300000	Receipts for work done for others on their materials	X	5 473	.02

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311513		Cheese manufacturing—Con.				
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 640	.04	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 640	.04	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	934 438	4.25	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	934 438	4.25	
	999999	All other products made in this industry	X	12 095	.05	
	9999999	All other products made in this industry	X	17 771	.08	
311514		Dry, condensed, and evaporated dairy product manufacturing	9 488 187	X	100.00	
	311311	Sugarcane mills	X	D	S	
	3113110	Raw cane sugar	X	D	S	
	311412	Frozen specialty food manufacturing	X	D	S	
	3114124	Other frozen specialties	X	D	S	
	311421	Fruit and vegetable canning	X	33 430	.35	
	311421M	Fresh fruit juices and nectars	X	30 574	.32	
	311422	Specialty canning	X	D	S	
	3114224	Canned soups and stews, except frozen and seafood	X	D	S	
	311511	Fluid milk manufacturing	X	660 545	6.96	
	3115111	Fluid milk and cream, bulk sales	X	402 884	4.25	
	3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	X	110 543	1.17	
	3115117	Cottage cheese (including bakers', pot, and farmers' cheese)	X	5 093	.05	
	311511A	Yogurt, except frozen	X	D	S	
	311511D	Perishable dairy product substitutes	X	D	S	
	311511G	Other packaged milk products	X	109 591	1.16	
	311512	Creamery butter manufacturing	X	388 433	4.09	
	3115120	Creamery butter manufacturing	X	388 433	4.09	
	311513	Cheese manufacturing	X	76 582	.81	
	3115131	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese	X	D	S	
	3115134	Process cheese and related products	X	D	S	
	3115137	Cheese substitutes and imitations	X	D	S	
	311514	Dry, condensed, and evaporated dairy product manufacturing	X	7 702 779	81.18	
	3115141	Dry milk products and mixtures	X	3 273 102	34.50	
	3115145	Milk products, shipped in consumer-type cans, except substitutes	X	1 883 072	19.85	
	3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks)	X	282 475	2.98	
	311514A	Ice cream mixes and related products	X	385 908	4.07	
	311514D	Dairy product substitutes	X	1 757 182	18.52	
	311514W	Dry, condensed, and evaporated dairy product manufacturing, nsk, total	X	121 040	1.28	
	311999	All other miscellaneous food manufacturing	X	107 808	1.14	
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S	
	311999P	Other food preparations	X	D	S	
	312111	Soft drink manufacturing	X	35 539	.37	
	312111A	Non-carbonated soft drinks	X	33 314	.35	
	325411	Medicinal and botanical manufacturing	X	D	S	
	3254111	Synthetic organic medicinal chemicals, in bulk	X	D	S	
	325412	Pharmaceutical preparation manufacturing	X	D	S	
	325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	X	D	S	
	930000	Receipts for work done for others on their materials	X	21 625	.23	
	9300000	Receipts for work done for others on their materials	X	21 625	.23	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	289 573	3.05	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	289 573	3.05	
	999999	All other products made in this industry	X	39 182	.41	
	9999999	All other products made in this industry	X	53 798	.57	
	311520		Ice cream and frozen dessert manufacturing	8 210 134	X	100.00
		311330	Confectionery manufacturing from purchased chocolate	X	D	S
		3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	D	S
		311411	Frozen fruit, juice, and vegetable manufacturing	X	D	S
		3114111	Frozen fruits, juices, ades, drinks, and cocktails	X	D	S
		311421	Fruit and vegetable canning	X	21 648	.26
		311421M	Fresh fruit juices and nectars	X	21 648	.26
		311511	Fluid milk manufacturing	X	255 257	3.11
		3115111	Fluid milk and cream, bulk sales	X	17 718	.22
		3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	X	209 196	2.55
		311511G	Other packaged milk products	X	20 271	.25
		311514	Dry, condensed, and evaporated dairy product manufacturing	X	46 724	.57
		3115145	Milk products, shipped in consumer-type cans, except substitutes	X	D	S
311514A		Ice cream mixes and related products	X	D	S	
311520		Ice cream and frozen dessert manufacturing	X	7 149 750	87.08	
3115200		Ice cream and frozen dessert manufacturing	X	7 149 750	87.08	
311999		All other miscellaneous food manufacturing	X	D	S	
311999J		Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S	
312111		Soft drink manufacturing	X	107 027	1.30	
312111A		Non-carbonated soft drinks	X	D	S	
312111W		Soft drink manufacturing, nsk, total	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	6 250	.08	
9999999		All other products made in this industry	X	14 545	.18	
311611			Animal (except poultry) slaughtering	57 343 455	X	100.00
		311119	Other animal food manufacturing	X	D	S
		311119A	Swine feed, complete	X	D	S
	311225	Fats and oils refining and blending	X	D	S	
	3112252	Shortening and cooking oils	X	D	S	
	311513	Cheese manufacturing	X	D	S	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311611		Animal (except poultry) slaughtering—Con.				
		Cheese manufacturing—Con.				
	311513	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese	X	D	S	
	3115131					
	311611	Animal (except poultry) slaughtering	X	53 565 050	93.41	
	3116111	Beef, not canned or made into sausage, made in slaughtering plants	X	31 917 213	55.66	
	3116114	Veal, not canned or made into sausage, made in slaughtering plants	X	469 890	.82	
	3116117	Lamb and mutton, not canned or made into sausage, made in slaughtering plants	X	281 376	.49	
	311611A	Pork, not canned or made into sausage, made in slaughtering plants	X	12 138 764	21.17	
	311611D	Lard, made in slaughtering plants	X	D	S	
	311611G	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants	X	D	S	
	311611J	Sausage and similar products, except canned, made in slaughtering plants	X	1 969 755	3.44	
	311611M	Canned meats (except dog, cat, and baby food), made in slaughtering plants	X	D	S	
	311611P	Hides, skins, and pelts, made in slaughtering plants	X	1 929 581	3.36	
	311611R	Miscellaneous byproducts of slaughtering plants	X	D	S	
	311611W	Animal (except poultry) slaughtering, nsk, total	X	1 553 783	2.71	
	311612	Meat processed from carcasses	X	466 793	.81	
	3116121	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses	X	D	S	
	3116124	Sausage and similar products, except canned, made from purchased carcasses	X	D	S	
	3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses	X	D	S	
	311612A	Other processed, frozen, or cooked meats, made from purchased carcasses	X	D	S	
	311613	Rendering and meat byproduct processing	X	130 735	.23	
	3116131	Lard and other greases, except wool grease	X	695 450	1.21	
	3116135	Animal and marine feed and fertilizer byproducts	X	346 326	.60	
	311615	Poultry processing	X	348 936	.61	
	3116151	Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts	X	D	S	
	3116157	Turkeys, including frozen, whole, and parts	X	13 607	.02	
	311615A	Other poultry and small game, including frozen, whole, and parts	X	D	S	
	311615D	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat	X	D	S	
	311712	Fresh and frozen seafood processing	X	D	S	
	3117121	Prepared fresh fish and other fresh seafood	X	D	S	
	3117122	Prepared frozen fish	X	D	S	
	311991	Perishable prepared food manufacturing	X	D	S	
	3119910	Perishable prepared food manufacturing	X	D	S	
	316110	Leather and hide tanning and finishing	X	D	S	
	3161101	Finished and unfinished leather	X	D	S	
	930000	Receipts for work done for others on their materials	X	61 616	.11	
	9300000	Receipts for work done for others on their materials	X	61 616	.11	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	36 841	.06	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	36 841	.06	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 137 727	3.73	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 137 727	3.73	
	999999	All other products made in this industry	X	16 709	.03	
	9999999	All other products made in this industry	X	16 994	.03	
	311612		Meat processed from carcasses	25 850 803	X	100.00
		311211	Flour milling	X	D	S
		311211A	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills	X	D	S
		311225	Fats and oils refining and blending	X	D	S
		3112252	Shortening and cooking oils	X	D	S
		311412	Frozen specialty food manufacturing	X	45 192	.17
		3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods	X	45 192	.17
		311421	Fruit and vegetable canning	X	59 558	.23
		3114214	Canned vegetables, except hominy and mushrooms	X	D	S
		311421D	Canned catsup and other tomato based sauces	X	D	S
		311421P	Pickles and other pickled products	X	D	S
311422		Specialty canning	X	97 081	.38	
3114224		Canned soups and stews, except frozen and seafood	X	D	S	
3114227		Canned dry beans	X	D	S	
311422B		Other canned specialties and nationality foods	X	D	S	
311422W		Specialty canning, nsk, total	X	D	S	
311423		Dried and dehydrated food manufacturing	X	D	S	
3114237		Macaroni and noodle products, purchased, packaged with other ingredients	X	D	S	
311611		Animal (except poultry) slaughtering	X	367 016	1.42	
3116111		Beef, not canned or made into sausage, made in slaughtering plants	X	D	S	
3116114		Veal, not canned or made into sausage, made in slaughtering plants	X	6 978	.03	
311611G		Pork, processed or cured, not canned or made into sausage, made in slaughtering plants	X	D	S	
311611J		Sausage and similar products, except canned, made in slaughtering plants	X	D	S	
311611M		Canned meats (except dog, cat, and baby food), made in slaughtering plants	X	D	S	
311611P		Hides, skins, and pelts, made in slaughtering plants	X	D	S	
311611R		Miscellaneous byproducts of slaughtering plants	X	D	S	
311612		Meat processed from carcasses	X	23 159 556	89.59	
3116121		Pork, processed or cured, not canned or made into sausage, made from purchased carcasses	X	5 135 826	19.87	
3116124		Sausage and similar products, except canned, made from purchased carcasses	X	6 286 826	24.32	
3116127		Canned meats (except dog, cat, and baby food), made from purchased carcasses	X	817 567	3.16	
311612A		Other processed, frozen, or cooked meats, made from purchased carcasses	X	10 003 575	38.70	
311612W		Meat processed from carcasses, nsk, total	X	915 762	3.54	
311613		Rendering and meat byproduct processing	X	7 544	.03	
311615		Poultry processing	X	D	S	
311615A		Other poultry and small game, including frozen, whole, and parts	X	D	S	
311615D	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat	X	D	S		

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311612		Meat processed from carcasses—Con.			
	311712	Fresh and frozen seafood processing	X	5 164	.02
	311812	Commercial bakeries	X	D	S
	3118121	Bread (white, wheat, rye, etc.), including frozen	X	D	S
	311991	Perishable prepared food manufacturing	X	105 311	.41
	3119910	Perishable prepared food manufacturing	X	105 311	.41
	322212	Folding paperboard box manufacturing	X	D	S
	3222120	Folding paperboard boxes, packaging, and packaging components	X	D	S
	930000	Receipts for work done for others on their materials	X	12 981	.05
	9300000	Receipts for work done for others on their materials	X	12 981	.05
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 323	.19
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 323	.19
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 393 343	5.39
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 393 343	5.39
	999999	All other products made in this industry	X	28 964	.11
	9999999	All other products made in this industry	X	51 784	.20
	311613		Rendering and meat byproduct processing	2 157 035	X
311119		Other animal food manufacturing	X	D	S
311119P		Other prepared animal feeds, including feeding materials and adjuncts	X	D	S
311611		Animal (except poultry) slaughtering	X	D	S
311611P		Hides, skins, and pelts, made in slaughtering plants	X	D	S
311613		Rendering and meat byproduct processing	X	1 942 212	90.04
3116131		Lard and other greases, except wool grease	X	520 587	24.13
3116135		Animal and marine feed and fertilizer byproducts	X	1 371 124	63.57
311613W		Rendering and meat byproduct processing, nsk, total	X	50 501	2.34
311712		Fresh and frozen seafood processing	X	D	S
3117124		Other prepared fresh and frozen seafood	X	D	S
930000		Receipts for work done for others on their materials	X	D	S
9300000		Receipts for work done for others on their materials	X	D	S
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	118 492	5.49
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	118 492	5.49
999999		All other products made in this industry	X	786	.04
9999999		All other products made in this industry	X	3 823	.18
311615			Poultry processing	37 944 280	X
	311412	Frozen specialty food manufacturing	X	D	S
	3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods	X	D	S
	3114124	Other frozen specialties	X	6 937	.02
	311612	Meat processed from carcasses	X	231 773	.61
	3116121	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses	X	D	S
	3116124	Sausage and similar products, except canned, made from purchased carcasses	X	D	S
	311612A	Other processed, frozen, or cooked meats, made from purchased carcasses	X	134 471	.35
	311613	Rendering and meat byproduct processing	X	104 236	.27
	3116135	Animal and marine feed and fertilizer byproducts	X	103 413	.27
	311615	Poultry processing	X	36 541 332	96.30
	3116151	Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts	X	D	S
	3116154	Hens and fowl, including frozen, whole, and parts	X	281 293	.74
	3116157	Turkeys, including frozen, whole, and parts	X	3 606 146	9.50
	311615A	Other poultry and small game, including frozen, whole, and parts	X	D	S
	311615D	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat	X	8 267 765	21.79
	311615W	Poultry processing, nsk, total	X	217 040	.57
	311942	Spice and extract manufacturing	X	D	S
	3119427	Dry mix food preparations	X	D	S
	311991	Perishable prepared food manufacturing	X	D	S
	3119910	Perishable prepared food manufacturing	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999P	Other food preparations	X	D	S
	930000	Receipts for work done for others on their materials	X	73 380	.19
	9300000	Receipts for work done for others on their materials	X	73 380	.19
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 548	.06
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 548	.06
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	807 854	2.13
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	807 854	2.13
999999	All other products made in this industry	X	22 313	.06	
9999999	All other products made in this industry	X	23 193	.06	
311711		Seafood canning	1 244 002	X	100.00
	311711	Seafood canning	X	1 080 474	86.85
	3117110	Seafood canning	X	1 080 474	86.85
	311712	Fresh and frozen seafood processing	X	95 653	7.69
	3117121	Prepared fresh fish and other fresh seafood	X	61 307	4.93
	3117122	Prepared frozen fish	X	18 313	1.47
	3117123	Prepared frozen shellfish	X	D	S
	3117124	Other prepared fresh and frozen seafood	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 916	4.41
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 916	4.41
	999999	All other products made in this industry	X	3 475	.28

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311711	999999	Seafood canning—Con.			
	9999999	All other products made in this industry—Con.			
	9999999	All other products made in this industry	X	3 475	.28
311712		Fresh and frozen seafood processing	7 566 638	X	100.00
	311411	Frozen fruit, juice, and vegetable manufacturing	X	D	S
	3114114	Frozen vegetables	X	D	S
	311412	Frozen specialty food manufacturing	X	D	S
	3114124	Other frozen specialties	X	D	S
	311513	Cheese manufacturing	X	D	S
	3115134	Process cheese and related products	X	D	S
	311513W	Cheese manufacturing, nsk, total	X	D	S
	311711	Seafood canning	X	D	S
	3117110	Seafood canning	X	D	S
	311712	Fresh and frozen seafood processing	X	6 664 130	88.07
	3117121	Prepared fresh fish and other fresh seafood	X	D	S
	3117122	Prepared frozen fish	X	2 476 563	32.73
	3117123	Prepared frozen shellfish	X	D	S
	3117124	Other prepared fresh and frozen seafood	X	737 059	9.74
	311712W	Fresh and frozen seafood processing, nsk, total	X	614 277	8.12
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	D	S
	3119414	Prepared sauces, except tomato	X	D	S
	930000	Receipts for work done for others on their materials	X	50 692	.67
	9300000	Receipts for work done for others on their materials	X	50 692	.67
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 335	.15
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 335	.15
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	597 417	7.90
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	597 417	7.90
	999999	All other products made in this industry	X	503	.01
	9999999	All other products made in this industry	X	503	.01
311811		Retail bakeries	2 781 775	X	100.00
	311811	Retail bakeries	X	2 354 170	84.63
	3118110	Retail bakery products	X	2 354 170	84.63
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 564	.27
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 564	.27
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	406 400	14.61
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	406 400	14.61
	999999	All other products made in this industry	X	13 641	.49
	9999999	All other products made in this industry	X	13 641	.49
311812		Commercial bakeries	23 975 222	X	100.00
	311320	Chocolate and confectionery manufacturing from cacao beans	X	D	S
	3113201	Chocolate coatings, made from cacao beans	X	D	S
	311330	Confectionery manufacturing from purchased chocolate	X	D	S
	3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	D	S
	311340	Nonchocolate confectionery manufacturing	X	14 009	.06
	3113407	Other confectionery-type products	X	D	S
	311811	Retail bakeries	X	D	S
	3118110	Retail bakery products	X	D	S
	311812	Commercial bakeries	X	20 610 013	85.96
	3118121	Bread (white, wheat, rye, etc.), including frozen	X	7 779 756	32.45
	3118125	Rolls (bread-type), muffins, bagels, and croissants	X	5 425 441	22.63
	3118127	Soft cakes, except frozen	X	D	S
	311812A	Pies (fruit, cream, and custard), except frozen	X	D	S
	311812D	Other sweet goods, except frozen	X	2 117 095	8.83
	311812W	Commercial bakeries, nsk, total	X	2 518 726	10.51
	311813	Frozen cakes, pies, and other pastries manufacturing	X	303 148	1.26
	3118130	Frozen bakery product manufacturing	X	303 148	1.26
	311821	Cookie and cracker manufacturing	X	261 642	1.09
	3118212	Crackers, biscuits, and related products	X	44 627	.19
	3118214	Cookies, wafers, and ice cream cones and cups (except frozen)	X	217 015	.91
	311822	Flour mixes and dough manufacturing from purchased flour	X	59 640	.25
	3118220	Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	59 640	.25
	311911	Roasted nuts and peanut butter manufacturing	X	D	S
	3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	X	D	S
	311919	Other snack food manufacturing	X	D	S
	3119194	Corn chips and related products	X	D	S
	3119197	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.) excluding crackers, soft pretzels, and nuts	X	D	S
	311942	Spice and extract manufacturing	X	D	S
	3119427	Dry mix food preparations	X	D	S
	311991	Perishable prepared food manufacturing	X	D	S
	3119910	Perishable prepared food manufacturing	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S
	311999P	Other food preparations	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	22 396	.09
	9999999	All other products made in this industry	X	32 535	.14
311813		Frozen cakes, pies, and other pastries manufacturing	4 168 817	X	100.00
	311812	Commercial bakeries	X	288 871	6.93

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311813		Frozen cakes, pies, and other pastries manufacturing—Con.			
	311812	Commercial bakeries—Con.			
	3118121	Bread (white, wheat, rye, etc.), including frozen	X		1.90
	3118125	Rolls (bread-type), muffins, bagels, and croissants	X	79 321	2.77
	3118127	Soft cakes, except frozen	X	D	S
	311812A	Pies (fruit, cream, and custard), except frozen	X	D	S
	311812D	Other sweet goods, except frozen	X	77 176	1.85
	311813	Frozen cakes, pies, and other pastries manufacturing	X	3 413 432	81.88
	3118130	Frozen bakery product manufacturing	X	3 413 432	81.88
	311821	Cookie and cracker manufacturing	X	D	S
	3118212	Crackers, biscuits, and related products	X	D	S
	3118214	Cookies, wafers, and ice cream cones and cups (except frozen)	X	32 922	.79
	311822	Flour mixes and dough manufacturing from purchased flour	X	D	S
	3118220	Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	239 121	5.74
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	239 121	5.74
	999999	All other products made in this industry	X	8 665	.21
	9999999	All other products made in this industry	X	8 665	.21
311821		Cookie and cracker manufacturing	10 427 307	X	100.00
	311230	Breakfast cereal manufacturing	X	D	S
	3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	X	D	S
	311330	Confectionery manufacturing from purchased chocolate	X	D	S
	3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	D	S
	311340	Nonchocolate confectionery manufacturing	X	D	S
	3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	X	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	X	D	S
	311514D	Dairy product substitutes	X	D	S
	311812	Commercial bakeries	X	239 615	2.30
	3118121	Bread (white, wheat, rye, etc.), including frozen	X	D	S
	3118125	Rolls (bread-type), muffins, bagels, and croissants	X	111 002	1.06
	311812A	Pies (fruit, cream, and custard), except frozen	X	D	S
	311812D	Other sweet goods, except frozen	X	D	S
	311813	Frozen cakes, pies, and other pastries manufacturing	X	D	S
	3118130	Frozen bakery product manufacturing	X	D	S
	311821	Cookie and cracker manufacturing	X	8 948 621	85.82
	3118212	Crackers, biscuits, and related products	X	3 635 783	34.87
	3118214	Cookies, wafers, and ice cream cones and cups (except frozen)	X	4 681 398	44.90
	311821W	Cookie and cracker manufacturing, nsk, total	X	631 440	6.06
	311822	Flour mixes and dough manufacturing from purchased flour	X	14 788	.14
	3118220	Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	14 788	.14
	311911	Roasted nuts and peanut butter manufacturing	X	D	S
	3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	X	D	S
	311919	Other snack food manufacturing	X	140 724	1.35
	3119191	Potato chips and sticks, plain and flavored	X	D	S
	3119194	Corn chips and related products	X	D	S
	3119197	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.) excluding crackers, soft pretzels, and nuts	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	848 536	8.14
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	848 536	8.14
	999999	All other products made in this industry	X	21 002	.20
	9999999	All other products made in this industry	X	23 726	.23
311822		Flour mixes and dough manufacturing from purchased flour	4 658 273	X	100.00
	311211	Flour milling	X	6 667	.14
	311230	Breakfast cereal manufacturing	X	D	S
	3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	X	D	S
	3112304	Other breakfast cereal foods	X	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	X	D	S
	3113201	Chocolate coatings, made from cacao beans	X	D	S
	311340	Nonchocolate confectionery manufacturing	X	75 138	1.61
	3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	X	75 138	1.61
	311412	Frozen specialty food manufacturing	X	D	S
	311421	Fruit and vegetable canning	X	D	S
	3114211	Canned fruits, except baby foods	X	D	S
	311812	Commercial bakeries	X	128 100	2.75
	3118121	Bread (white, wheat, rye, etc.), including frozen	X	25 880	.56
	3118125	Rolls (bread-type), muffins, bagels, and croissants	X	51 138	1.10
	311812D	Other sweet goods, except frozen	X	46 888	1.01
	311813	Frozen cakes, pies, and other pastries manufacturing	X	59 115	1.27
	3118130	Frozen bakery product manufacturing	X	59 115	1.27
	311821	Cookie and cracker manufacturing	X	35 312	.76
	3118212	Crackers, biscuits, and related products	X	D	S
	3118214	Cookies, wafers, and ice cream cones and cups (except frozen)	X	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	X	3 812 304	81.84
	3118220	Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	X	3 812 304	81.84
	311823	Dry pasta manufacturing	X	30 410	.65
	3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	30 410	.65
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	D	S
	3119411	Vinegar and cider	X	D	S
	311942	Spice and extract manufacturing	X	14 318	.31
	3119427	Dry mix food preparations	X	11 954	.26
	311991	Perishable prepared food manufacturing	X	D	S
	3119910	Perishable prepared food manufacturing	X	D	S
	311999	All other miscellaneous food manufacturing	X	117 077	2.51
	3119991	Desserts (ready-to-mix)	X	D	S
	311999P	Other food preparations	X	D	S

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311822		Flour mixes and dough manufacturing from purchased flour—Con.				
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	170 802	3.67	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	170 802	3.67	
	999999	All other products made in this industry	X	21 850	.47	
	9999999	All other products made in this industry	X	59 175	1.27	
311823		Dry pasta manufacturing	1 500 669	X	100.00	
	311212	Rice milling	X	D	S	
	3112120	Rice milling	X	D	S	
	311823	Dry pasta manufacturing	X	D	S	
	3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	D	S	
	311999	All other miscellaneous food manufacturing	X	D	S	
	311999B	Packaging purchased macaroni and noodle products with other purchased ingredients	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	3 522	.23	
	9999999	All other products made in this industry	X	3 522	.23	
	311830		Tortilla manufacturing	1 532 267	X	100.00
		311830	Tortilla manufacturing	X	1 303 407	85.06
3118300		Tortillas sold in bulk or packages, not frozen or canned	X	1 303 407	85.06	
311919		Other snack food manufacturing	X	102 154	6.67	
3119194		Corn chips and related products	X	98 179	6.41	
311991		Perishable prepared food manufacturing	X	31 490	2.06	
3119910		Perishable prepared food manufacturing	X	31 490	2.06	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	12 306	.80	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	12 306	.80	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	80 458	5.25	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	80 458	5.25	
999999		All other products made in this industry	X	2 452	.16	
9999999		All other products made in this industry	X	6 427	.42	
311911			Roasted nuts and peanut butter manufacturing	4 764 314	X	100.00
		311223	Other oilseed processing	X	D	S
		311223G	Other vegetable oils	X	D	S
		311330	Confectionery manufacturing from purchased chocolate	X	9 269	.19
		3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	9 249	.19
		311340	Nonchocolate confectionery manufacturing	X	9 097	.19
		3113407	Other confectionery-type products	X	5 746	.12
	311423	Dried and dehydrated food manufacturing	X	11 244	.24	
	3114238	Other purchased products packaged with dried and dehydrated ingredients	X	D	S	
	311911	Roasted nuts and peanut butter manufacturing	X	4 528 033	95.04	
	3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	X	3 520 353	73.89	
	3119114	Peanut butter	X	832 864	17.48	
	311911W	Roasted nuts and peanut butter manufacturing, nsk, total	X	174 816	3.67	
	311919	Other snack food manufacturing	X	18 848	.40	
	3119197	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts	X	15 394	.32	
	311930	Flavoring syrup and concentrate manufacturing	X	D	S	
	3119301	Liquid beverage bases not for use by soft drink bottlers	X	D	S	
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	D	S	
	3119414	Prepared sauces, except tomato	X	D	S	
	311942	Spice and extract manufacturing	X	D	S	
	3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	D	S	
	311999	All other miscellaneous food manufacturing	X	D	S	
	3119991	Desserts (ready-to-mix)	X	D	S	
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	98 475	2.07	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	98 475	2.07	
	999999	All other products made in this industry	X	11 186	.23	
	9999999	All other products made in this industry	X	33 434	.70	
	311919		Other snack food manufacturing	12 235 452	X	100.00
		311812	Commercial bakeries	X	D	S
311830		Tortilla manufacturing	X	23 695	.19	
3118300		Tortillas sold in bulk or packages, not frozen or canned	X	23 695	.19	
311911		Roasted nuts and peanut butter manufacturing	X	D	S	
3119111		Nuts and seeds (salted, roasted, cooked, or blanched)	X	6 841	.06	
311919		Other snack food manufacturing	X	11 878 967	97.09	
3119191		Potato chips and sticks, plain and flavored	X	4 802 324	39.25	
3119194		Corn chips and related products	X	5 322 528	43.50	
3119197		Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts	X	1 552 337	12.69	
311919W		Other snack food manufacturing, nsk, total	X	201 778	1.65	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	17 616	.14	
9999999		All other products made in this industry	X	25 621	.21	
311920			Coffee and tea manufacturing	5 542 276	X	100.00
		311320	Chocolate and confectionery manufacturing from cacao beans	X	D	S
	3113207	Other chocolate and cocoa products, made from cacao beans	X	D	S	
	311423	Dried and dehydrated food manufacturing	X	67 401	1.22	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311920		Coffee and tea manufacturing—Con.				
		Dried and dehydrated food manufacturing—Con.				
	311423	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	X	D	S	
	3114231					
	3114238	Other purchased products packaged with dried and dehydrated ingredients mitse	X	D	S	
	311423W	Dried and dehydrated food manufacturing, nsk, total	X	D	S	
	311511	Fluid milk manufacturing	X	D	S	
	311511D	Perishable dairy product substitutes	X	D	S	
	311920	Coffee and tea manufacturing	X	5 061 729	91.33	
	3119201	Roasted coffee	X	D	S	
	3119205	Coffee, concentrated (freeze-dried, spray-dried, frozen, or liquid concentrated, mixtures, etc.), and coffee substitutes	X	D	S	
	3119207	Tea in consumer packages	X	811 362	14.64	
	311920W	Coffee and tea manufacturing, nsk, total	X	142 826	2.58	
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	D	S	
	311999	All other miscellaneous food manufacturing	X	24 070	.43	
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	21 234	.38	
	312111	Soft drink manufacturing	X	D	S	
	312111A	Non-carbonated soft drinks	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	259 171	4.68	
	9998900					
	999999	All other products made in this industry	X	259 171	4.68	
	9999999	All other products made in this industry	X	18 625	.34	
				26 908	.49	
	311930		Flavoring syrup and concentrate manufacturing	8 373 072	X	100.00
			Confectionery manufacturing from purchased chocolate	X	D	S
311330		Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	D	S	
3113301						
311421		Fruit and vegetable canning	X	D	S	
311421G		Canned jams, jellies, and preserves	X	D	S	
311520		Ice cream and frozen dessert manufacturing	X	D	S	
3115200						
311930		Flavoring syrup and concentrate manufacturing	X	8 180 239	97.70	
3119301		Liquid beverage bases not for use by soft drink bottlers	X	415 300	4.96	
3119304		Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers, to trade or nonbottler distributors	X	3 840 953	45.87	
3119305		Soft drink flavoring syrup sold in bulk	X	11 932	.14	
3119308		Other flavoring agents (except chocolate syrups)	X	3 572 213	42.66	
311930W		Flavoring syrup and concentrate manufacturing, nsk, total	X	339 841	4.06	
311942		Spice and extract manufacturing	X	30 906	.37	
3119425		Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	30 906	.37	
311991		Perishable prepared food manufacturing	X	D	S	
3119910						
311999		All other miscellaneous food manufacturing	X	10 106	.12	
311999P		Other food preparations	X	D	S	
312111		Soft drink manufacturing	X	6 243	.07	
312111A		Non-carbonated soft drinks	X	D	S	
325620		Toilet preparation manufacturing	X	D	S	
3256204		Perfumes, toilet waters, and colognes	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	57 183	.68	
9998900						
999999		All other products made in this industry	X	57 183	.68	
9999999		All other products made in this industry	X	21 986	.26	
				26 477	.32	
311941			Mayonnaise, dressing, and other prepared sauce manufacturing	5 667 088	X	100.00
		311225	Fats and oils refining and blending	X	D	S
		3112252	Shortening and cooking oils	X	D	S
		3112254	Margarine, butter blends, and butter substitutes	X	D	S
		311412	Frozen specialty food manufacturing	X	D	S
		3114124	Other frozen specialties	X	D	S
	311421	Fruit and vegetable canning	X	276 969	4.89	
	311421D	Canned catsup and other tomato based sauces	X	160 811	2.84	
	311421G	Canned jams, jellies, and preserves	X	D	S	
	311421P	Pickles and other pickled products	X	D	S	
	311422	Specialty canning	X	D	S	
	3114221	Canned baby foods, except cereal and biscuits	X	D	S	
	3114224	Canned soups and stews, except frozen and seafood	X	D	S	
	3114227	Canned dry beans	X	D	S	
	311423	Dried and dehydrated food manufacturing	X	D	S	
	3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	X	D	S	
	311513	Cheese manufacturing	X	D	S	
	3115134	Process cheese and related products	X	D	S	
	311911	Roasted nuts and peanut butter manufacturing	X	6 194	.11	
	3119114	Peanut butter	X	D	S	
	311930	Flavoring syrup and concentrate manufacturing	X	59 768	1.05	
	3119301	Liquid beverage bases not for use by soft drink bottlers	X	48 681	.86	
	3119308	Other flavoring agents (except chocolate syrups)	X	10 420	.18	
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	4 317 173	76.18	
	3119411	Vinegar and cider	X	292 209	5.16	
	3119414	Prepared sauces, except tomato	X	1 304 203	23.01	
	3119417	Mayonnaise, salad dressings, and sandwich spreads	X	2 464 481	43.49	
	311941W	Mayonnaise, dressing, and other prepared sauce manufacturing, nsk, total	X	256 280	4.52	
	311942	Spice and extract manufacturing	X	76 743	1.35	
	3119421	Table salt (evaporated), pepper (white and black), and other spices	X	D	S	
	3119427	Dry mix food preparations	X	D	S	
	311991	Perishable prepared food manufacturing	X	204 199	3.60	
	3119910					
	311999	All other miscellaneous food manufacturing	X	204 199	3.60	
	3119994	Sweetening syrups and molasses	X	50 876	.90	
311999P	Other food preparations	X	D	S		
326199	All other plastics product manufacturing	X	D	S		
326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
311941	999890	Mayonnaise, dressing, and other prepared sauce manufacturing—Con.			
		Sales of products bought and sold without further manufacture, processing, or assembly	X	227 234	4.01
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	227 234	4.01
	999999	All other products made in this industry	X	11 823	.21
	9999999	All other products made in this industry	X	23 748	.42
311942		Spice and extract manufacturing	5 638 674	X	100.00
	311211	Flour milling	X	D	S
	3112111	Wheat flour (except flour mixes), made in flour mills	X	D	S
	3112114	Wheat mill products, except flour	X	D	S
	311423	Dried and dehydrated food manufacturing	X	59 476	1.05
	3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	X	16 954	.30
	3114238	Other purchased products packaged with dried and dehydrated ingredients mitse	X	41 211	.73
	311823	Dry pasta manufacturing	X	D	S
	3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	D	S
	311830	Tortilla manufacturing	X	D	S
	3118300	Tortillas sold in bulk or packages, not frozen or canned	X	D	S
	311911	Roasted nuts and peanut butter manufacturing	X	D	S
	3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	X	D	S
	311920	Coffee and tea manufacturing	X	58 229	1.03
	3119201	Roasted coffee	X	D	S
	3119205	Coffee, concentrated (freeze-dried, spray-dried, frozen, or liquid concentrated, mixtures, etc.), and coffee substitutes	X	D	S
	311930	Flavoring syrup and concentrate manufacturing	X	113 323	2.01
	3119301	Liquid beverage bases not for use by soft drink bottlers	X	D	S
	3119304	Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers, to trade or nonbottler distributors	X	D	S
	3119308	Other flavoring agents (except chocolate syrups)	X	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	18 164	.32
	3119414	Prepared sauces, except tomato	X	11 609	.21
	3119417	Mayonnaise, salad dressings, and sandwich spreads	X	6 536	.12
	311942	Spice and extract manufacturing	X	4 661 201	82.66
	3119421	Table salt (evaporated), pepper (white and black), and other spices	X	1 801 917	31.96
	3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	1 325 183	23.50
	3119427	Dry mix food preparations	X	1 312 868	23.28
	311942W	Spice and extract manufacturing, nsk, total	X	221 233	3.92
	311999	All other miscellaneous food manufacturing	X	237 173	4.21
	3119991	Desserts (ready-to-mix)	X	D	S
	3119997	Baking powder and yeast	X	8 175	.14
	311999B	Packaging purchased macaroni and noodle products with other purchased ingredients	X	8 032	.14
	311999G	Egg processing	X	D	S
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	158 299	2.81
	311999P	Other food preparations	X	D	S
	325411	Medicinal and botanical manufacturing	X	D	S
	3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	X	D	S
	325611	Soap and other detergent manufacturing	X	D	S
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	D	S
	325620	Toilet preparation manufacturing	X	D	S
	3256204	Perfumes, toilet waters, and colognes	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	930000	Receipts for work done for others on their materials	X	19 479	.35
	9300000	Receipts for work done for others on their materials	X	19 479	.35
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	12 439	.22
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	12 439	.22
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	252 555	4.48
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	252 555	4.48
	999999	All other products made in this industry	X	16 503	.29
	9999999	All other products made in this industry	X	33 860	.60
311991		Perishable prepared food manufacturing	5 320 578	X	100.00
	311412	Frozen specialty food manufacturing	X	8 581	.16
	3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods	X	8 581	.16
	311421	Fruit and vegetable canning	X	D	S
	311421G	Canned jams, jellies, and preserves	X	D	S
	311422	Specialty canning	X	D	S
	311422W	Specialty canning, nsk, total	X	D	S
	311423	Dried and dehydrated food manufacturing	X	11 339	.21
	3114238	Other purchased products packaged with dried and dehydrated ingredients mitse	X	D	S
	311611	Animal (except poultry) slaughtering	X	D	S
	311611J	Sausage and similar products, except canned, made in slaughtering plants	X	D	S
	311612	Meat processed from carcasses	X	D	S
	311612A	Other processed, frozen, or cooked meats, made from purchased carcasses	X	D	S
	311813	Frozen cakes, pies, and other pastries manufacturing	X	D	S
	3118130	Frozen bakery product manufacturing	X	D	S
	311823	Dry pasta manufacturing	X	6 652	.13
	3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	6 652	.13
	311830	Tortilla manufacturing	X	D	S
	3118300	Tortillas sold in bulk or packages, not frozen or canned	X	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	X	80 509	1.51
	3119414	Prepared sauces, except tomato	X	44 966	.85
	3119417	Mayonnaise, salad dressings, and sandwich spreads	X	35 518	.67
	311942	Spice and extract manufacturing	X	23 820	.45
	3119421	Table salt (evaporated), pepper (white and black), and other spices	X	D	S
	3119427	Dry mix food preparations	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
311991		Perishable prepared food manufacturing—Con.				
	311991	Perishable prepared food manufacturing	X	4 501 555	84.61	
	3119910	Perishable prepared food manufacturing	X	4 501 555	84.61	
	311999	All other miscellaneous food manufacturing	X	143 660	2.70	
	311999A	Sweetening syrups and molasses	X	D	S	
	311999B	Packaging purchased macaroni and noodle products with other purchased ingredients	X	8 819	.17	
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S	
	311999P	Other food preparations	X	23 216	.44	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	363 078	6.82	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	363 078	6.82	
	999999	All other products made in this industry	X	33 242	.62	
	9999999	All other products made in this industry	X	49 070	.92	
	311999		All other miscellaneous food manufacturing	10 123 432	X	100.00
311320		Chocolate and confectionery manufacturing from cacao beans	X	D	S	
3113207		Other chocolate and cocoa products, made from cacao beans	X	D	S	
311422		Specialty canning	X	D	S	
3114227		Canned dry beans	X	D	S	
311423		Dried and dehydrated food manufacturing	X	27 899	.28	
3114238		Other purchased products packaged with dried and dehydrated ingredients	X	D	S	
311423W		Dried and dehydrated food manufacturing, nsk, total	X	D	S	
311511		Fluid milk manufacturing	X	D	S	
3115115		Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	X	D	S	
311511G		Other packaged milk products	X	D	S	
311513		Cheese manufacturing	X	D	S	
3115134		Process cheese and related products	X	D	S	
311514		Dry, condensed, and evaporated dairy product manufacturing	X	21 123	.21	
311514D		Dairy product substitutes	X	D	S	
311612		Meat processed from carcasses	X	D	S	
3116127		Canned meats (except dog, cat, and baby food), made from purchased carcasses	X	D	S	
311613		Rendering and meat byproduct processing	X	D	S	
3116135		Animal and marine feed and fertilizer byproducts	X	D	S	
311812		Commercial bakeries	X	D	S	
311812D		Other sweet goods, except frozen	X	D	S	
311821		Cookie and cracker manufacturing	X	D	S	
3118214		Cookies, wafers, and ice cream cones and cups (except frozen)	X	D	S	
311823		Dry pasta manufacturing	X	47 011	.46	
3118230		Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	X	47 011	.46	
311911		Roasted nuts and peanut butter manufacturing	X	5 389	.05	
311919		Other snack food manufacturing	X	D	S	
3119197		Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts	X	D	S	
311930		Flavoring syrup and concentrate manufacturing	X	14 791	.15	
3119301		Liquid beverage bases not for use by soft drink bottlers	X	11 627	.11	
311941		Mayonnaise, dressing, and other prepared sauce manufacturing	X	32 115	.32	
3119414		Prepared sauces, except tomato	X	D	S	
3119417		Mayonnaise, salad dressings, and sandwich spreads	X	D	S	
311942		Spice and extract manufacturing	X	285 811	2.82	
3119421		Table salt (evaporated), pepper (white and black), and other spices	X	D	S	
3119425		Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	D	S	
3119427		Dry mix food preparations	X	159 214	1.57	
311991		Perishable prepared food manufacturing	X	5 071	.05	
3119910		Perishable prepared food manufacturing	X	5 071	.05	
311999		All other miscellaneous food manufacturing	X	8 829 165	87.22	
3119991		Desserts (ready-to-mix)	X	D	S	
311999A		Sweetening syrups and molasses	X	216 712	2.14	
3119997		Baking powder and yeast	X	351 267	3.47	
311999B		Packaging purchased macaroni and noodle products with other purchased ingredients	X	905 113	8.94	
311999G		Egg processing	X	D	S	
311999J		Flavoring powders, tablets, and paste (including dry mix cocktails)	X	1 299 686	12.84	
311999P		Other food preparations	X	1 614 584	15.95	
311999W		All other miscellaneous food manufacturing, nsk, total	X	2 803 460	27.69	
312111		Soft drink manufacturing	X	D	S	
312111A		Non-carbonated soft drinks	X	D	S	
325199		All other basic organic chemical manufacturing	X	D	S	
325199R		Other synthetic organic chemicals	X	D	S	
325620		Toilet preparation manufacturing	X	D	S	
3256204		Perfumes, toilet waters, and colognes	X	D	S	
930000		Receipts for work done for others on their materials	X	179 878	1.78	
9300000		Receipts for work done for others on their materials	X	179 878	1.78	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 190	.22	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 190	.22	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	412 296	4.07	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	412 296	4.07	
999999		All other products made in this industry	X	30 904	.31	
9999999		All other products made in this industry	X	51 407	.51	
312111			Soft drink manufacturing	32 311 741	X	100.00
		311421	Fruit and vegetable canning	X	D	S
		311421J	Canned fruit juices, neclars, and concentrates	X	D	S

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
312111		Soft drink manufacturing—Con.			
	311511	Fluid milk manufacturing	X	D	S
	311511A	Yogurt, except frozen	X	D	S
	311930	Flavoring syrup and concentrate manufacturing	X	926 426	2.87
	3119305	Soft drink flavoring syrup sold in bulk	X	926 426	2.87
	312111	Soft drink manufacturing	X	27 872 027	86.26
	3121111	Bottled carbonated soft drinks	X	D	S
	3121114	Canned carbonated soft drinks	X	D	S
	312111A	Non-carbonated soft drinks	X	D	S
	312111W	Soft drink manufacturing, nsk, total	X	3 408 266	10.55
	312112	Bottled water manufacturing	X	880 752	2.73
	3121120	Bottled water manufacturing	X	880 752	2.73
	930000	Receipts for work done for others on their materials	X	38 393	.12
	9300000	Receipts for work done for others on their materials	X	38 393	.12
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	43 134	.13
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	43 134	.13
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 423 832	7.50
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 423 832	7.50
	999999	All other products made in this industry	X	14 706	.05
9999999	All other products made in this industry	X	15 887	.05	
312112		Bottled water manufacturing	1 826 678	X	100.00
	312111	Soft drink manufacturing	X	121 617	6.66
	3121111	Bottled carbonated soft drinks	X	D	S
	312111W	Soft drink manufacturing, nsk, total	X	D	S
	312112	Bottled water manufacturing	X	1 643 216	89.96
	3121120	Bottled water manufacturing	X	1 643 216	89.96
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	46 836	2.56
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	46 836	2.56
999999	All other products made in this industry	X	5 283	.29	
9999999	All other products made in this industry	X	5 729	.31	
312113		Ice manufacturing	600 507	X	100.00
	312113	Ice manufacturing	X	578 851	96.39
	3121130	Ice manufacturing	X	578 851	96.39
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	16 271	2.71
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	16 271	2.71
	999999	All other products made in this industry	X	5 385	.90
9999999	All other products made in this industry	X	5 385	.90	
312120		Breweries	17 864 107	X	100.00
	312111	Soft drink manufacturing	X	D	S
	312120	Breweries	X	D	S
	3121201	Canned beer and ale case goods	X	9 221 705	51.62
	3121204	Bottled beer and ale case goods	X	6 736 509	37.71
	3121207	Beer and ale in barrels and kegs	X	D	S
	3121209	All other malt beverages and brewing products	X	321 335	1.80
	312120W	Breweries, nsk, total	X	419 202	2.35
	930000	Receipts for work done for others on their materials	X	43 087	.24
	9300000	Receipts for work done for others on their materials	X	43 087	.24
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	13 631	.08
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	13 631	.08
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	12 973	.07
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	12 973	.07
	999999	All other products made in this industry	X	6 446	.04
9999999	All other products made in this industry	X	12 112	.07	
312130		Wineries	9 406 322	X	100.00
	312130	Wineries	X	9 001 037	95.69
	3121300	Wine, brandy, and brandy spirits	X	9 001 037	95.69
	312140	Distilleries	X	11 054	.12
	3121404	Bottled liquor, except brandy	X	6 425	.07
	930000	Receipts for work done for others on their materials	X	44 679	.47
	9300000	Receipts for work done for others on their materials	X	44 679	.47
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 201	.10
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 201	.10
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	338 747	3.60
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	338 747	3.60
	999999	All other products made in this industry	X	1 604	.02
	9999999	All other products made in this industry	X	6 233	.07
312140		Distilleries	4 057 467	X	100.00
	312130	Wineries	X	9 576	.24
	3121300	Wine, brandy, and brandy spirits	X	9 576	.24
	312140	Distilleries	X	3 871 211	95.41
	3121402	Distilled liquor, except brandy	X	638 861	15.75
	3121404	Bottled liquor, except brandy	X	3 077 108	75.84
	312140W	Distilleries, nsk, total	X	155 242	3.83
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	163 059	4.02

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
312140		Distilleries—Con.				
	999890	Sales of products bought and sold without further manufacture, processing, or assembly—Con.				
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly		163 059	4.02	
	999999	All other products made in this industry	X	13 621	.34	
312210		Tobacco stemming and redrying	1 093 945	X	100.00	
	312210	Tobacco stemming and redrying	X	D	S	
	3122101	Unstemmed leaf tobacco, redried before packing	X	D	S	
	3122104	Tobacco, stemmed	X	D	S	
	312210W	Tobacco stemming and redrying, nsk, total	X	562 800	51.45	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 216	1.48	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 216	1.48	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	14 057	1.28	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	14 057	1.28	
	999999	All other products made in this industry	X	3 162	.29	
	9999999	All other products made in this industry	X	3 162	.29	
	312221		Cigarette manufacturing	34 782 791	X	100.00
		312210	Tobacco stemming and redrying	X	D	S
		3122104	Tobacco, stemmed	X	D	S
312221		Cigarette manufacturing	X	D	S	
3122210		Cigarettes, including nontobacco cigarettes	X	D	S	
312229		Other tobacco product manufacturing	X	D	S	
3122294		Chewing and smoking tobacco	X	D	S	
3122297		Reconstituted tobacco (processed sheet and homogenized)	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	458 897	1.32	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	458 897	1.32	
999999		All other products made in this industry	X	1 024	—	
9999999		All other products made in this industry	X	5 582	.02	
312229			Other tobacco product manufacturing	3 747 552	X	100.00
		312210	Tobacco stemming and redrying	X	D	S
	3122101	Unstemmed leaf tobacco, redried before packing	X	D	S	
	3122104	Tobacco, stemmed	X	D	S	
	312229	Other tobacco product manufacturing	X	D	S	
	3122291	Cigars	X	D	S	
	3122294	Chewing and smoking tobacco	X	D	S	
	3122297	Reconstituted tobacco (processed sheet and homogenized)	X	D	S	
	312229W	Other tobacco product manufacturing, nsk, total	X	234 032	6.24	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	126 152	3.37	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	126 152	3.37	
	999999	All other products made in this industry	X	4 130	.11	
	9999999	All other products made in this industry	X	4 130	.11	
	313111		Yarn spinning mills	5 937 849	X	100.00
313111		Yarn spinning mills	X	5 747 054	96.79	
3131111		Carded cotton yarns	X	2 054 992	34.61	
3131113		Combed cotton yarns	X	527 515	8.88	
3131115		Rayon, acetate, and/or lyocell spun yarns	X	166 064	2.80	
3131116		Spun noncellulosic fiber and other natural fiber yarns	X	2 616 874	44.07	
3131119		Wool yarns, including new, reused, and reprocessed wool	X	156 593	2.64	
313111C		Scouring and combing mill products	X	130 550	2.20	
313111W		Yarn spinning mills, nsk, total	X	94 466	1.59	
313112		Yarn texturizing, throwing, and twisting mills	X	91 826	1.55	
3131123		Thrown filament yarns, except textured	X	D	S	
3131125		Textured, crimped, and bulked filament yarns, including stretch yarn, made from purchased filament yarn	X	D	S	
3131128		Commission receipts for throwing, texturing, or winding filament yarns	X	D	S	
313312		Textile and fabric finishing (except broadwoven fabric) mills	X	D	S	
3133120		Finished fabrics (excluding broadwoven) and other finished textiles	X	D	S	
314991		Rope, cordage, and twine mills	X	D	S	
3149911		Cordage and twine, hard fiber	X	D	S	
314999		All other miscellaneous textile product mills	X	D	S	
3149993		Paddings and upholstery filling, batting, and wadding (excluding foam rubber and plastics)	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	26 852	.45	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	26 852	.45	
999999		All other products made in this industry	X	9 752	.16	
9999999	All other products made in this industry	X	14 031	.24		
313112		Yarn texturizing, throwing, and twisting mills	4 398 477	X	100.00	
	313111	Yarn spinning mills	X	147 698	3.36	
	3131115	Rayon, acetate, and/or lyocell spun yarns	X	D	S	
	3131116	Spun noncellulosic fiber and other natural fiber yarns	X	D	S	
	313112	Yarn texturizing, throwing, and twisting mills	X	4 154 781	94.46	
	3131121	Novelty and plied yarns, other than wool (not spun or thrown at the same establishment)	X	141 830	3.22	
	3131123	Thrown filament yarns, except textured	X	D	S	
	3131125	Textured, crimped, and bulked filament yarns, including stretch yarn, made from purchased filament yarn	X	2 749 165	62.50	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
313112		Yarn texturizing, throwing, and twisting mills—Con.			
	313112	Yarn texturizing, throwing, and twisting mills—Con.			
	3131128	Commission receipts for throwing, texturing, or winding filament yarns	X		S
	313112W	Yarn texturizing, throwing, and twisting mills, nsk, total	X	72 767	1.65
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	7 804	.18
313113		All other products made in this industry	X	9 689	.22
		Thread mills	293 759	X	100.00
	313113	Thread mills	X	D	S
	3131130	Thread mills	X	D	S
	999999	All other products made in this industry	X	D	S
313210		All other products made in this industry	X	D	S
		Broadwoven fabric mills	11 307 470	X	100.00
	313111	Yarn spinning mills	X	310 029	2.74
	3131111	Carded cotton yarns	X	96 384	.85
	3131113	Combed cotton yarns	X	99 657	.88
	3131116	Spun noncellulosic fiber and other natural fiber yarns	X	107 032	.95
	313112	Yarn texturizing, throwing, and twisting mills	X	D	S
	3131125	Textured, crimped, and bulked filament yarns, including stretch yarn, made from purchased filament yarn	X	D	S
	313210	Broadwoven fabric mills	X	10 655 027	94.23
	3132101	Cotton broadwoven plain weave fabrics (excluding pile) (gray goods)	X	D	S
	3132103	Cotton broadwoven twill weave fabrics (excluding pile) (gray goods)	X	822 951	7.28
	3132105	Cotton broadwoven fabrics, weaves other than plain, twill, or pile (gray goods)	X	192 581	1.70
	3132107	Cotton broadwoven pile fabrics (gray goods)	X	D	S
	3132109	Finished cotton broadwoven fabrics, finished in weaving mills	X	538 351	4.76
	313210D	Fabricated textile products, made in weaving mills	X	D	S
	313210E	Manmade fiber broadwoven fabrics of 85 percent or more filament yarns, chiefly rayon, acetate, and/or lyocell (gray goods)	X	531 902	4.70
	313210G	Manmade fiber broadwoven fabrics of 85 percent or more filament yarns (excluding rayon, acetate, and/or lyocell) (gray goods)	X	D	S
	313210H	Manmade fiber broadwoven plain weave fabrics, of 85 percent or more spun yarns (excluding pile), excluding wool blends (gray goods)	X	1 029 370	9.10
	313210J	Manmade fiber broadwoven twill weave fabrics, of 85 percent or more spun yarns (excluding pile), excluding wool blends (gray goods)	X	176 679	1.56
	313210L	Manmade fiber broadwoven fabrics, of weaves other than plain, twill, and pile, of 85 percent or more spun yarn, excluding wool blends (gray goods)	X	345 734	3.06
	313210M	Manmade fiber broadwoven fabrics, combinations of spun and filament yarns (excluding wool blends), each less than 85 percent of total fiber content (gray goods)	X	D	S
	313210N	Other broadwoven fabrics of manmade fibers including pile; and broadwoven fabrics of silk and natural fibers (excluding cotton) (gray goods)	X	258 291	2.28
	313210P	Finished manmade fiber and silk broadwoven fabrics, finished in weaving mills	X	D	S
	313210T	Wool broadwoven fabrics (gray goods)	X	D	S
	313210U	Finished broadwoven wool fabrics and felts (finished in weaving mills)	X	173 639	1.54
	313210W	Broadwoven fabric mills, nsk, total	X	489 988	4.33
	313230	Nonwoven fabric mills	X	44 359	.39
	3132301	Nonwoven fabrics	X	D	S
	3132303	Fabricated nonwoven products	X	D	S
	313241	Wet knit fabric mills	X	D	S
	3132411	Wet (circular) knit fabrics greige goods (excluding hosiery)	X	D	S
	3132413	Finished wet (circular) knit fabrics, excluding hosiery	X	D	S
	313249	Other knit fabric and lace mills	X	D	S
	3132493	Finished warp knit fabrics	X	D	S
	313311	Broadwoven fabric finishing mills	X	18 891	.17
	3133113	Job or commission finishing of cotton broadwoven fabrics	X	D	S
	3133117	Job or commission finishing of manmade fiber and silk broadwoven fabrics	X	D	S
314129	Other household textile product mills	X	D	S	
3141293	Sheets and pillowcases, made from purchased materials	X	D	S	
930000	Receipts for work done for others on their materials	X	7 732	.07	
9300000	Receipts for work done for others on their materials	X	7 732	.07	
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	188 818	1.67	
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	188 818	1.67	
999999	All other products made in this industry	X	19 949	.18	
9999999	All other products made in this industry	X	30 027	.27	
313221		Narrow fabric mills	1 247 929	X	100.00
	313221	Narrow fabric mills	X	D	S
	3132211	Woven narrow fabrics (12 inches or less in width)	X	790 110	63.31
	3132213	Braided narrow fabrics (12 inches or less in width)	X	179 040	14.35
	3132215	Covered rubber thread, made in narrow fabric mills	X	82 254	6.59
	313221W	Narrow fabric mills, nsk, total	X	44 075	3.53
	313249	Other knit fabric and lace mills	X	D	S
	3132491	Warp knit fabrics greige goods	X	10 856	.87
	3132493	Finished warp knit fabrics	X	11 703	.94
	313320	Fabric coating mills	X	D	S
	3133205	Other coated or laminated fabrics and coated yarns	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	57 956	4.64
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	57 956	4.64
	999999	All other products made in this industry	X	27 913	2.24
	9999999	All other products made in this industry	X	31 717	2.54

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
313222		Schiffli machine embroidery	158 143	X	100.00	
	313222	Schiffli machine embroidery	X	D	S	
	3132220	Schiffli machine embroideries	X	D	S	
	930000	Receipts for work done for others on their materials	X	17 621	11.14	
	9300000	Receipts for work done for others on their materials	X	17 621	11.14	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	11 815	7.47	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	11 815	7.47	
	999999	All other products made in this industry	X	D	S	
	9999999	All other products made in this industry	X	D	S	
	313230		Nonwoven fabric mills	5 905 700	X	100.00
313210		Broadwoven fabric mills	X	D	S	
313210N		Other broadwoven fabrics of manmade fibers including pile; and broadwoven fabrics of silk and natural fibers (excluding cotton) (gray goods)	X	D	S	
313230		Nonwoven fabric mills	X	4 528 952	76.69	
3132301		Nonwoven fabrics	X	3 075 612	52.08	
3132303		Fabricated nonwoven products	X	636 228	10.77	
3132305		Pressed, punched, or needled felts (except hats)	X	690 872	11.70	
313230W		Nonwoven fabric mills, nsk, total	X	126 240	2.14	
314129		Other household textile product mills	X	D	S	
3141296		Other household furnishings, made from purchased materials	X	D	S	
314999		All other miscellaneous textile product mills	X	26 445	.45	
3149993		Paddings and upholstery filling, batting, and wadding (excluding foam rubber and plastics)	X	D	S	
316999		All other leather good manufacturing	X	D	S	
3169991		Boot and shoe cut stock and findings	X	D	S	
322222		Coated and laminated paper manufacturing	X	D	S	
3222225		Pressure-sensitive products	X	D	S	
325192		Cyclic crude and intermediate manufacturing	X	D	S	
3251921		Cyclic (coal tar) intermediates	X	D	S	
325199		All other basic organic chemical manufacturing	X	D	S	
325199T		Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S	
325199V		Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S	
325211		Plastics material and resin manufacturing	X	D	S	
3252111		Thermoplastic resins and plastics materials	X	D	S	
325222		Noncellulosic organic fiber manufacturing	X	D	S	
3252221		Nylon and other polyamide manufactured fibers	X	D	S	
325222A		Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite)	X	D	S	
325520		Adhesive manufacturing	X	D	S	
3255204		Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S	
325611		Soap and other detergent manufacturing	X	D	S	
325611W		Soap and other detergent manufacturing, nsk, total	X	D	S	
326113		Unlaminated plastics film and sheet (except packaging) manufacturing	X	11 810	.20	
3261130		Unlaminated plastics film and sheet, excluding packaging	X	11 810	.20	
326121		Unlaminated plastics profile shape manufacturing	X	D	S	
3261210		Unlaminated plastics profile shapes	X	D	S	
326299		All other rubber product manufacturing	X	D	S	
3262997		All other industrial rubber products	X	D	S	
339994		Broom, brush, and mop manufacturing	X	D	S	
3399941		Brooms, mops, and dusters	X	D	S	
930000		Receipts for work done for others on their materials	X	7 220	.12	
9300000		Receipts for work done for others on their materials	X	7 220	.12	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 240	.36	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 240	.36	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	92 189	1.56	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	92 189	1.56	
999999		All other products made in this industry	X	26 709	.45	
9999999		All other products made in this industry	X	33 889	.57	
313241			Weft knit fabric mills	2 244 465	X	100.00
		313111	Yarn spinning mills	X	D	S
		3131111	Carded cotton yarns	X	D	S
		313241	Weft knit fabric mills	X	1 665 822	74.22
	3132411	Weft (circular) knit fabrics greige goods (excluding hosiery)	X	560 290	24.96	
	3132413	Finished weft (circular) knit fabrics, excluding hosiery	X	921 457	41.05	
	3132416	Nonapparel articles of weft knit fabrics and commission receipts for knitting only or knitting and finishing weft knit fabrics (excluding hosiery)	X	118 166	5.26	
	313241W	Weft knit fabric mills, nsk, total	X	65 909	2.94	
	313249	Other knit fabric and lace mills	X	D	S	
	3132493	Finished warp knit fabrics	X	D	S	
	313311	Broadwoven fabric finishing mills	X	D	S	
	3133111	Finished cotton broadwoven fabrics, finished in finishing mills	X	D	S	
	315191	Outerwear knitting mills	X	7 561	.34	
	315211	Men's and boys' cut and sew apparel contractors	X	D	S	
	3152113	Contract receipts for men's and boys' shirts, except work shirts	X	D	S	
	3152118	Contract receipts for men's and boys' pants, work apparel, and other outerwear	X	D	S	
	315212	Women's, girls', and infants' cut and sew apparel contractors	X	D	S	
	3152121	Contract receipts for women's, misses', girls', and infants' shirts and blouses	X	D	S	
	3152123	Contract receipts for women's, girls', and infants' dresses	X	D	S	
	3152127	Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear	X	D	S	
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	X	D	S	
	3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	X	D	S	
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	D	S	
	3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
313241	999890	Weft knit fabric mills—Con. Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly		D	S
	999999	All other products made in this industry	X	14 107	.63
	9999999	All other products made in this industry	X	21 681	.97
313249		Other knit fabric and lace mills	1 598 061	X	100.00
	313111	Yarn spinning mills	X	D	S
	3131116	Spun noncellulosic fiber and other natural fiber yarns	X	D	S
	313210	Broadwoven fabric mills	X	D	S
	313210G	Manmade fiber broadwoven fabrics of 85 percent or more filament yarns (excluding rayon, acetate, and/or lyocell) (gray goods)	X	D	S
	313221	Narrow fabric mills	X	D	S
	313230	Nonwoven fabric mills	X	D	S
	3132303	Fabricated nonwoven products	X	D	S
	313241	Weft knit fabric mills	X	53 264	3.33
	3132411	Weft (circular) knit fabrics greige goods (excluding hosiery)	X	D	S
	3132413	Finished weft (circular) knit fabrics, excluding hosiery	X	D	S
	313249	Other knit fabric and lace mills	X	1 458 496	91.27
	3132491	Warp knit fabrics greige goods	X	365 476	22.87
	3132493	Finished warp knit fabrics	X	874 641	54.73
	3132495	Lace and net goods, all leavers and Nottingham lace machine products, including bobbins and barmen laces	X	38 344	2.40
	3132497	Contract and commission receipts for knitting only or knitting and finishing of warp knit fabrics, lace, or net goods	X	71 684	4.49
	313249A	Other nonapparel warp knit end products (including knitted towels and washcloths), excluding fabrics, lace, and net goods	X	24 749	1.55
	313249W	Other knit fabric and lace mills, nsk, total	X	83 602	5.23
	313312	Textile and fabric finishing (except broadwoven fabric) mills	X	D	S
	3133120	Finished fabrics (excluding broadwoven) and other finished textiles	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	8 110	.51
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	8 110	.51
	999999	All other products made in this industry	X	8 832	.55
	9999999	All other products made in this industry	X	14 709	.92
313311		Broadwoven fabric finishing mills	6 826 373	X	100.00
	313111	Yarn spinning mills	X	D	S
	3131111	Carded cotton yarns	X	D	S
	313311	Broadwoven fabric finishing mills	X	6 439 141	94.33
	3133111	Finished cotton broadwoven fabrics, finished in finishing mills	X	1 719 695	25.19
	3133113	Job or commission finishing of cotton broadwoven fabrics	X	934 815	13.69
	3133115	Finished manmade fiber and silk broadwoven fabrics, finished in finishing mills	X	2 145 999	31.44
	3133117	Job or commission finishing of manmade fiber and silk broadwoven fabrics	X	D	S
	3133119	Finished broadwoven wool fabrics and felts (not finished in weaving mill)	X	D	S
	313311W	Broadwoven fabric finishing mills, nsk, total	X	944 937	13.84
	313312	Textile and fabric finishing (except broadwoven fabric) mills	X	83 335	1.22
	3133120	Finished fabrics (excluding broadwoven) and other finished textiles	X	83 335	1.22
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	326121	Unlaminated plastics profile shape manufacturing	X	D	S
	3261210	Unlaminated plastics profile shapes	X	D	S
	337920	Blind and shade manufacturing	X	D	S
	3379202	Window shades and window shade accessories and rollers	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	D	S
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	D	S
	930000	Receipts for work done for others on their materials	X	46 819	.69
	9300000	Receipts for work done for others on their materials	X	46 819	.69
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 873	.23
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 873	.23
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	181 999	2.67
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	181 999	2.67
	999999	All other products made in this industry	X	12 739	.19
	9999999	All other products made in this industry	X	12 739	.19
313312		Textile and fabric finishing (except broadwoven fabric) mills	3 608 248	X	100.00
	313311	Broadwoven fabric finishing mills	X	100 312	2.78
	3133111	Finished cotton broadwoven fabrics, finished in finishing mills	X	D	S
	3133113	Job or commission finishing of cotton broadwoven fabrics	X	D	S
	3133115	Finished manmade fiber and silk broadwoven fabrics, finished in finishing mills	X	D	S
	3133117	Job or commission finishing of manmade fiber and silk broadwoven fabrics	X	D	S
	313312	Textile and fabric finishing (except broadwoven fabric) mills	X	3 219 224	89.22
	3133120	Finished fabrics (excluding broadwoven) and other finished textiles	X	3 219 224	89.22
	314999	All other miscellaneous textile product mills	X	D	S
	3149998	All other miscellaneous fabricated textile products	X	D	S
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	X	D	S
	3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	X	D	S
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	D	S
	3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	X	D	S
	3152311	Women's and girls' underwear, except foundation garments, made from purchased fabrics	X	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	D	S
	3152398	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics	X	D	S
	323113	Commercial screen printing	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
313312		Textile and fabric finishing (except broadwoven fabric) mills—Con.				
	323113	Commercial screen printing—Con.				
	3231134	Screen printing on garments, apparel accessories, and other fabric articles, except labels	X	D	S	
	930000	Receipts for work done for others on their materials	X	15 502	.43	
	9300000	Receipts for work done for others on their materials	X	15 502	.43	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly				
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	24 695	.68	
	999999	All other products made in this industry	X	24 695	.68	
	9999999	All other products made in this industry	X	11 418	.32	
	9999999	All other products made in this industry	X	11 675	.32	
313320		Fabric coating mills	1 942 764	X	100.00	
	313311	Broadwoven fabric finishing mills	X	13 816	.71	
	3133115	Finished manmade fiber and silk broadwoven fabrics, finished in finishing mills	X	D	S	
	313320	Fabric coating mills	X	1 784 794	91.87	
	3133201	Vinyl coated fabrics, including expanded vinyl coated	X	562 743	28.97	
	3133204	Rubber coating of fabrics and garments	X	184 819	9.51	
	3133205	Other coated or laminated fabrics and coated yarns	X	810 576	41.72	
	313320W	Fabric coating mills, nsk, total	X	226 656	11.67	
	314110	Carpet and rug mills	X	D	S	
	3141105	Other carpet, rugs, and mats	X	D	S	
	314992	Tire cord and tire fabric mills	X	D	S	
	3149920	Tire cord and tire fabrics	X	D	S	
	325222	Noncellulosic organic fiber manufacturing	X	D	S	
	3252224	Polyolefin manufactured fibers	X	D	S	
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S	
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S	
	326220	Rubber and plastics hoses and belting manufacturing	X	D	S	
	3262202	Rubber and plastics transmission belts and belting other than flat	X	D	S	
	930000	Receipts for work done for others on their materials	X	10 133	.52	
	9300000	Receipts for work done for others on their materials	X	10 133	.52	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly				
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	32 410	1.67	
	999999	All other products made in this industry	X	32 410	1.67	
	9999999	All other products made in this industry	X	30 044	1.55	
	9999999	All other products made in this industry	X	35 250	1.81	
	314110		Carpet and rug mills	13 604 109	X	100.00
		313112	Yarn texturizing, throwing, and twisting mills	X	D	S
		3131125	Textured, crimped, and bulked filament yarns, including stretch yarn, made from purchased filament yarn	X	D	S
		313210	Broadwoven fabric mills	X	D	S
		313210D	Fabricated textile products, made in weaving mills	X	D	S
314110		Carpet and rug mills	X	13 017 608	95.69	
3141101		Woven carpet and rugs	X	769 601	5.66	
3141103		Tufted carpet and rugs	X	11 371 865	83.59	
3141105		Other carpet, rugs, and mats	X	395 618	2.91	
314110W		Carpet and rug mills, nsk, total	X	480 524	3.53	
314129		Other household textile product mills	X	D	S	
3141296		Other household furnishings, made from purchased materials	X	D	S	
314999		All other miscellaneous textile product mills	X	137 791	1.01	
3149998		All other miscellaneous fabricated textile products	X	137 791	1.01	
336360		Motor vehicle seating and interior trim manufacturing	X	D	S	
3363601		Automobile trimmings	X	D	S	
930000		Receipts for work done for others on their materials	X	57 982	.43	
9300000		Receipts for work done for others on their materials	X	57 982	.43	
999890		Sales of products bought and sold without further manufacture, processing, or assembly				
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	268 673	1.97	
999999		All other products made in this industry	X	268 673	1.97	
9999999		All other products made in this industry	X	9 042	.07	
9999999		All other products made in this industry	X	9 042	.07	
314121			Curtain and drapery mills	1 459 569	X	100.00
		314121	Curtain and drapery mills	X	1 206 914	82.69
		3141210	Curtains and draperies	X	1 206 914	82.69
		314129	Other household textile product mills	X	57 591	3.95
		3141291	Bedspreads, made from purchased materials	X	D	S
		3141296	Other household furnishings, made from purchased materials	X	D	S
		314999	All other miscellaneous textile product mills	X	D	S
	3149998	All other miscellaneous fabricated textile products	X	D	S	
	337920	Blind and shade manufacturing	X	D	S	
	3379208	Other blinds and shades, including curtain and drapery fixtures, poles, and rods	X	D	S	
	930000	Receipts for work done for others on their materials	X	38 104	2.61	
	9300000	Receipts for work done for others on their materials	X	38 104	2.61	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly				
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	109 122	7.48	
	999999	All other products made in this industry	X	109 122	7.48	
	9999999	All other products made in this industry	X	9 405	.64	
	9999999	All other products made in this industry	X	13 768	.94	
	314129		Other household textile product mills	6 957 229	X	100.00
313210		Broadwoven fabric mills	X	D	S	
3132101		Cotton broadwoven plain weave fabrics (excluding pile) (gray goods)	X	D	S	
313311		Broadwoven fabric finishing mills	X	D	S	
3133115		Finished manmade fiber and silk broadwoven fabrics, finished in finishing mills	X	D	S	
314121		Curtain and drapery mills	X	169 378	2.43	
3141210		Curtains and draperies	X	169 378	2.43	
314129		Other household textile product mills	X	5 886 259	84.61	
3141291		Bedspreads, made from purchased materials	X	D	S	
3141293		Sheets and pillowcases, made from purchased materials	X	D	S	
3141295		Towels and washcloths, made from purchased materials	X	578 474	8.31	
3141296		Other household furnishings, made from purchased materials	X	3 398 096	48.84	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
314129		Other household textile product mills—Con.				
		Other household textile product mills—Con.				
	314129W	Other household textile product mills, nsk, total	X	424 498	6.10	
	314999	All other miscellaneous textile product mills	X	63 685	.92	
	3149998	All other miscellaneous fabricated textile products	X	62 908	.90	
	315291	Infants' cut and sew apparel manufacturing	X	D	S	
	3152910	Infants' apparel, made from purchased fabrics	X	D	S	
	315999	Other apparel accessories and other apparel manufacturing	X	D	S	
	3159995	Leather belts	X	D	S	
	337910	Mattress manufacturing	X	D	S	
	3379104	Other mattresses	X	D	S	
	337920	Blind and shade manufacturing	X	D	S	
	3379208	Other blinds and shades, including curtain and drapery fixtures, poles, and rods	X	D	S	
	930000	Receipts for work done for others on their materials	X	93 637	1.35	
	9300000	Receipts for work done for others on their materials	X	93 637	1.35	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	667 869	9.60	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	667 869	9.60	
	999999	All other products made in this industry	X	18 570	.27	
	9999999	All other products made in this industry	X	22 621	.33	
	314911		Textile bag mills	657 576	X	100.00
			Textile bag mills	X	558 680	84.96
		3149110	Textile bags	X	558 680	84.96
		314912	Canvas and related product mills	X	D	S
3149120		Canvas and related products	X	D	S	
314999		All other miscellaneous textile product mills	X	D	S	
3149998		All other miscellaneous fabricated textile products	X	D	S	
316219		Other footwear manufacturing	X	D	S	
3162190		All other footwear, except rubber	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	39 431	6.00	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	39 431	6.00	
999999		All other products made in this industry	X	32 008	4.87	
9999999		All other products made in this industry	X	32 008	4.87	
314912			Canvas and related product mills	1 846 522	X	100.00
			Textile bag mills	X	22 672	1.23
		3149110	Textile bags	X	22 672	1.23
		314912	Canvas and related product mills	X	1 611 704	87.28
	3149120	Canvas and related products	X	1 611 704	87.28	
	314999	All other miscellaneous textile product mills	X	15 403	.83	
	3149998	All other miscellaneous fabricated textile products	X	14 503	.79	
	332510	Hardware manufacturing	X	D	S	
	3325104	Builders' hardware	X	D	S	
	337920	Blind and shade manufacturing	X	D	S	
	3379202	Window shades and window shade accessories and rollers	X	5 236	.28	
	3379208	Other blinds and shades, including curtain and drapery fixtures, poles, and rods	X	8 040	.44	
	930000	Receipts for work done for others on their materials	X	6 227	.34	
	9300000	Receipts for work done for others on their materials	X	6 227	.34	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	17 465	.95	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	17 465	.95	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	109 373	5.92	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	109 373	5.92	
	999999	All other products made in this industry	X	32 128	1.74	
9999999	All other products made in this industry	X	37 262	2.02		
314991		Rope, cordage, and twine mills	717 776	X	100.00	
		Rope, cordage, and twine mills	X	D	S	
	3149911	Cordage and twine, hard fiber	X	D	S	
	3149913	Cordage and twine, soft fiber (except cotton)	X	406 616	56.65	
	3149915	Cotton cordage and twine	X	D	S	
	314991W	Rope, cordage, and twine mills, nsk, total	X	66 181	9.22	
	326199	All other plastics product manufacturing	X	D	S	
	326199A	All other reinforced and fiberglass plastics products	X	D	S	
	339920	Sporting and athletic goods manufacturing	X	D	S	
	3399201	Fishing tackle and equipment	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	95 787	13.34	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	95 787	13.34	
	999999	All other products made in this industry	X	6 556	.91	
	9999999	All other products made in this industry	X	7 344	1.02	
314992		Tire cord and tire fabric mills	1 166 858	X	100.00	
		Tire cord and tire fabric mills	X	1 163 270	99.69	
	3149920	Tire cord and tire fabrics	X	1 163 270	99.69	
	999999	All other products made in this industry	X	3 588	.31	
	9999999	All other products made in this industry	X	3 588	.31	
314999		All other miscellaneous textile product mills	5 395 685	X	100.00	
		Nonwoven fabric mills	X	24 539	.45	
	3132301	Nonwoven fabrics	X	17 688	.33	
	313312	Textile and fabric finishing (except broadwoven fabric) mills	X	D	S	
	3133120	Finished fabrics (excluding broadwoven) and other finished textiles	X	D	S	
	314110	Carpet and rug mills	X	D	S	
	3141105	Other carpet, rugs, and mats	X	D	S	
	314121	Curtain and drapery mills	X	D	S	
	3141210	Curtains and draperies	X	D	S	
	314129	Other household textile product mills	X	8 559	.16	
	3141296	Other household furnishings, made from purchased materials	X	7 595	.14	
	314912	Canvas and related product mills	X	9 201	.17	
	3149120	Canvas and related products	X	9 201	.17	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
314999		All other miscellaneous textile product mills—Con.				
	314991	Rope, cordage, and twine mills	X	D	S	
	314999	All other miscellaneous textile product mills	X	4 456 603	82.60	
	3149991	Recovered fibers, processed mill waste and related products	X	185 913	3.45	
	3149993	Paddings and upholstery filling, batting, and wadding (excluding foam rubber and plastics)	X	D	S	
	3149995	Embroideries (excluding Schiffl machine products)	X	495 307	9.18	
	3149997	Other trimmings and findings	X	D	S	
	3149998	All other miscellaneous fabricated textile products	X	2 003 808	37.14	
	314999W	All other miscellaneous textile product mills, nsk, total	X	1 093 598	20.27	
	315999	Other apparel accessories and other apparel manufacturing	X	D	S	
	315999D	Apparel findings, trimmings, and all other fabricated apparel accessories	X	D	S	
	322222	Coated and laminated paper manufacturing	X	D	S	
	323113	Commercial screen printing	X	D	S	
	3231134	Screen printing on garments, apparel accessories, and other fabric articles, except labels	X	D	S	
	326199	All other plastics product manufacturing	X	13 303	.25	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	10 979	.20	
	332618	Other fabricated wire product manufacturing	X	D	S	
	3326181	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	X	D	S	
	336360	Motor vehicle seating and interior trim manufacturing	X	12 849	.24	
	3363601	Automobile trimmings	X	D	S	
	3363605	Fabricated automobile seat covers and tire covers	X	D	S	
	337920	Blind and shade manufacturing	X	D	S	
	3379202	Window shades and window shade accessories and rollers	X	D	S	
	930000	Receipts for work done for others on their materials	X	43 285	.80	
	9300000	Receipts for work done for others on their materials	X	43 285	.80	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 164	.13	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 164	.13	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	537 583	9.96	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	537 583	9.96	
	999999	All other products made in this industry	X	40 752	.76	
	9999999	All other products made in this industry	X	71 165	1.32	
	315111		Sheer hosiery mills	1 037 436	X	100.00
		315111	Sheer hosiery mills	X	857 390	82.65
		3151111	Women's, misses', and girls' sheer finished hosiery, full-length, knee-length, and below the knee	X	D	S
		3151113	Women's, misses', and girls' sheer finished pantyhose, including tights, all needle	X	D	S
		3151115	Women's, misses', and girls' sheer hosiery shipped in the greige (except socks)	X	D	S
		315111W	Sheer hosiery mills, nsk, total	X	30 683	2.96
		315119	Other hosiery and sock mills	X	104 433	10.07
		3151191	Men's finished seamless hosiery and socks, (sizes 10 and up)	X	D	S
		3151193	All other finished hosiery, other than sheer	X	D	S
3151195		Seamless hosiery (except sheer), shipped in the greige	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	70 052	6.75	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	70 052	6.75	
999999		All other products made in this industry	X	5 561	.54	
9999999		All other products made in this industry	X	5 561	.54	
315119			Other hosiery and sock mills	2 457 928	X	100.00
		315111	Sheer hosiery mills	X	28 698	1.17
		3151111	Women's, misses', and girls' sheer finished hosiery, full-length, knee-length, and below the knee	X	D	S
		3151113	Women's, misses', and girls' sheer finished pantyhose, including tights, all needle	X	D	S
		315119	Other hosiery and sock mills	X	2 224 795	90.52
	3151191	Men's finished seamless hosiery and socks, (sizes 10 and up)	X	D	S	
	3151193	All other finished hosiery, other than sheer	X	D	S	
	3151195	Seamless hosiery (except sheer), shipped in the greige	X	D	S	
	315119W	Other hosiery and sock mills, nsk, total	X	95 671	3.89	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	192 347	7.83	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	192 347	7.83	
	999999	All other products made in this industry	X	12 088	.49	
	9999999	All other products made in this industry	X	13 155	.54	
	315191		Outerwear knitting mills	1 706 440	X	100.00
		313241	Weft knit fabric mills	X	D	S
3132411		Weft (circular) knit fabrics greige goods (excluding hosiery)	X	D	S	
315191		Outerwear knitting mills	X	1 580 271	92.61	
3151912		Men's and boys' sweaters, made in knitting mills	X	59 515	3.49	
3151914		Women's, girls', and infants' sweaters, made in knitting mills	X	302 117	17.70	
3151917		Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made in knitting mills	X	D	S	
315191B		Women's, girls', and infants' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made in knitting mills	X	221 403	12.97	
315191D		Knit outerwear, except sweaters and shirts, made in knitting mills	X	D	S	
315191E		Contract receipts for knitting only or knitting and finishing knitting mill products, except underwear and nightwear	X	D	S	
315191G		Gloves and mittens, made in knitting mills	X	50 892	2.98	
315191H		Hats, mufflers, scarves, and other knitting mill apparel products, excluding outerwear, gloves and mittens, underwear, and nightwear	X	D	S	
315191W		Outerwear knitting mills, nsk, total	X	283 647	16.62	
315224		Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	D	S	
3152242		Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	X	D	S	
315228	Men's and boys' cut and sew other outerwear manufacturing	X	D	S		

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315191	315228	Outerwear knitting mills—Con.				
	3152284	Men's and boys' cut and sew other outerwear manufacturing—Con.				
		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	D	S	
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	13 824	.81	
	3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 445	3.19	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 445	3.19	
	999999	All other products made in this industry	X	13 831	.81	
	9999999	All other products made in this industry	X	23 780	1.39	
	315192	313249	Underwear and nightwear knitting mills	873 482	X	100.00
3132493		Other knit fabric and lace mills	X	D	S	
3132493		Finished warp knit fabrics	X	D	S	
315191		Outerwear knitting mills	X	D	S	
315191E		Contract receipts for knitting only or knitting and finishing knitting mill products, except underwear and nightwear	X	D	S	
315192		Underwear and nightwear knitting mills	X	D	S	
3151921		Men's and boys' knit underwear, nightwear, and robes, made in knitting mills	X	D	S	
3151924		Women's, girls', and infants' knit underwear and nightwear, made in knitting mills	X	D	S	
315192W		Underwear and nightwear knitting mills, nsk, total	X	11 273	1.29	
315231		Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	X	D	S	
3152311		Women's and girls' underwear, except foundation garments, made from purchased fabrics	X	D	S	
315291		Infants' cut and sew apparel manufacturing	X	D	S	
3152910		Infants' apparel, made from purchased fabrics	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	5 512	.63	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	5 512	.63	
999999		All other products made in this industry	X	6 463	.74	
9999999		All other products made in this industry	X	6 463	.74	
315211		315211	Men's and boys' cut and sew apparel contractors	852 730	X	100.00
		3152111	Men's and boys' cut and sew apparel contractors	X	D	S
		3152113	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests	X	91 436	10.72
	3152116	Contract receipts for men's and boys' shirts, except work shirts	X	D	S	
	3152118	Contract receipts for men's and boys' underwear and nightwear, including robes	X	28 759	3.37	
	3152118	Contract receipts for men's and boys' pants, work apparel, and other outerwear	X	313 200	36.73	
	315211A	Contract receipts for men's and boys' embroidering (except Schifflj), team sport uniforms, costumes, and other apparel and apparel accessories	X	85 380	10.01	
	315211W	Men's and boys' cut and sew apparel contractors, nsk, total	X	129 038	15.13	
	315212	Women's, girls', and infants' cut and sew apparel contractors	X	D	S	
	3152121	Contract receipts for women's, misses', girls', and infants' shirts and blouses	X	D	S	
	3152127	Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear	X	D	S	
	930000	Receipts for work done for others on their materials	X	29 184	3.42	
	9300000	Receipts for work done for others on their materials	X	29 184	3.42	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	15 020	1.76	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	15 020	1.76	
	999999	All other products made in this industry	X	12 340	1.45	
	9999999	All other products made in this industry	X	27 081	3.18	
	315212	315211	Women's, girls', and infants' cut and sew apparel contractors	2 641 744	X	100.00
		3152118	Men's and boys' cut and sew apparel contractors	X	41 097	1.56
		3152118	Contract receipts for men's and boys' pants, work apparel, and other outerwear	X	D	S
315211A		Contract receipts for men's and boys' embroidering (except Schifflj), team sport uniforms, costumes, and other apparel and apparel accessories	X	D	S	
315212		Women's, girls', and infants' cut and sew apparel contractors	X	2 452 633	92.84	
3152121		Contract receipts for women's, misses', girls', and infants' shirts and blouses	X	429 159	16.25	
3152123		Contract receipts for women's, girls', and infants' dresses	X	D	S	
3152125		Contract receipts for women's, girls', and infants' skirts, tailored suits, coats, jackets, and vests	X	235 755	8.92	
3152127		Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear	X	D	S	
3152128		Contract receipts for women's, girls', and infants' underwear and nightwear, including robes and foundation garments	X	24 557	.93	
315212A		Contract receipts for women's, girls', and infants' embroidering (except Schifflj), team sport uniforms, costumes, and other apparel and apparel accessories	X	25 851	.98	
315212W		Women's, girls', and infants' cut and sew apparel contractors, nsk, total	X	653 462	24.74	
930000		Receipts for work done for others on their materials	X	84 565	3.20	
9300000		Receipts for work done for others on their materials	X	84 565	3.20	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 832	.26	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 832	.26	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	51 166	1.94	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	51 166	1.94	
999999		All other products made in this industry	X	5 451	.21	
9999999		All other products made in this industry	X	12 052	.46	
315221	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	260 667	X	100.00	
	3152210	Men's and boys' cut and sew underwear and nightwear manufacturing	X	190 669	73.15	
	315228	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	X	190 669	73.15	
315228	Men's and boys' cut and sew other outerwear manufacturing	X	D	S		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315221	315231	Men's and boys' cut and sew underwear and nightwear manufacturing—Con.				
		Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	X	D	S	
	3152311	Women's and girls' underwear, except foundation garments, made from purchased fabrics	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	38 077	14.61	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	38 077	14.61	
	999999	All other products made in this industry	X	12 213	4.69	
9999999	All other products made in this industry	X	19 851	7.62		
315222		Men's and boys' cut and sew suit, coat, and overcoat manufacturing	1 130 078	X	100.00	
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	X	863 577	76.42	
	3152222	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.)	X	457 321	40.47	
	3152224	Men's and boys' tailored overcoats, topcoats, and car and suburban coats (including water-repellent)	X	92 826	8.21	
	3152226	Men's and boys' tailored dress and sport coats and vests	X	280 467	24.82	
	315222W	Men's and boys' cut and sew suit, coat, and overcoat manufacturing, nsk, total	X	32 963	2.92	
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	7 093	.63	
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	91 043	8.06	
	3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	X	90 941	8.05	
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	X	19 000	1.68	
	3152342	Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled)	X	D	S	
	3152344	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc.)	X	D	S	
	315299	All other cut and sew apparel manufacturing	X	6 315	.56	
	3152995	Vestments and costumes	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	125 772	11.13	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	125 772	11.13	
	999999	All other products made in this industry	X	17 278	1.53	
	9999999	All other products made in this industry	X	31 387	2.78	
	315223		Men's and boys' cut and sew shirt (except work shirt) manufacturing	1 995 858	X	100.00
		315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	1 324 544	66.36
		3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	941 886	47.19
		3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics	X	248 046	12.43
		315223W	Men's and boys' cut and sew shirts (except work shirts) manufacturing, nsk, total	X	134 612	6.74
		315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	24 171	1.21
		3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	X	21 155	1.06
		315225	Men's and boys' cut and sew work clothing manufacturing	X	D	S
		3152251	Men's and boys' work shirts, made from purchased fabrics	X	D	S
315228		Men's and boys' cut and sew other outerwear manufacturing	X	37 807	1.89	
3152282		Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics	X	D	S	
3152284		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	16 445	.82	
3152286		Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics	X	D	S	
315232		Women's and girls' cut and sew blouse and shirt manufacturing	X	155 740	7.80	
3152321		Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	142 324	7.13	
3152323		Women's and girls' woven shirts and blouses, made from purchased fabrics	X	13 389	.67	
315233		Women's and girls' cut and sew dress manufacturing	X	D	S	
3152330		Women's and girls' dresses, made from purchased fabrics	X	D	S	
315239		Women's and girls' cut and sew other outerwear manufacturing	X	22 383	1.12	
3152396		Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	D	S	
315239C		Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	350 672	17.57	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	350 672	17.57	
999999		All other products made in this industry	X	24 843	1.24	
9999999		All other products made in this industry	X	32 352	1.62	
315224		Men's and boys' cut and sew trouser, slack, and jean manufacturing	5 147 654	X	100.00	
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	X	D	S	
	3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	X	D	S	
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	X	13 384	.26	
	3152226	Men's and boys' tailored dress and sport coats and vests	X	9 006	.17	
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	30 538	.59	
	3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics	X	28 056	.55	
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	3 823 890	74.28	
	3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	X	1 273 963	24.75	
	3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics	X	2 424 759	47.10	
	315224W	Men's and boys' cut and sew trouser, slack, and jean manufacturing, nsk, total	X	125 168	2.43	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315224		Men's and boys' cut and sew trouser, slack, and jean manufacturing—Con.				
	315225	Men's and boys' cut and sew work clothing manufacturing	X	D	S	
	3152251	Men's and boys' work shirts, made from purchased fabrics	X	D	S	
	315228	Men's and boys' cut and sew other outerwear manufacturing	X	141 569	2.75	
	3152282	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics	X	24 681	.48	
	3152284	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	113 804	2.21	
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	D	S	
	3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics	X	D	S	
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	815 289	15.84	
	3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	D	S	
	3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	294 504	5.72	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	294 504	5.72	
	999999	All other products made in this industry	X	8 909	.17	
9999999	All other products made in this industry	X	24 228	.47		
315225		Men's and boys' cut and sew work clothing manufacturing	2 012 753	X	100.00	
	314129	Other household textile product mills	X	D	S	
	3141296	Other household furnishings, made from purchased materials	X	D	S	
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	X	8 435	.42	
	3152222	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.)	X	8 131	.40	
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	38 375	1.91	
	3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S	
	3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics	X	D	S	
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	28 116	1.40	
	3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	X	D	S	
	3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics	X	D	S	
	315225	Men's and boys' cut and sew work clothing manufacturing	X	1 591 150	79.05	
	3152251	Men's and boys' work shirts, made from purchased fabrics	X	376 783	18.72	
	3152254	Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics	X	1 118 628	55.58	
	315225W	Men's and boys' cut and sew work clothing manufacturing, nsk, total	X	95 739	4.76	
	315228	Men's and boys' cut and sew other outerwear manufacturing	X	D	S	
	3152282	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics	X	7 551	.38	
	3152284	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	D	S	
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	18 865	.94	
	3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics	X	16 065	.80	
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	111 085	5.52	
	3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	D	S	
	315239E	Women's and girls' washable service apparel, including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits, made from purchased fabrics	X	D	S	
	315999	Other apparel accessories and other apparel manufacturing	X	D	S	
	315999D	Apparel findings, trimmings, and all other fabricated apparel accessories	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	83 505	4.15	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	83 505	4.15	
	999999	All other products made in this industry	X	14 511	.72	
	9999999	All other products made in this industry	X	22 223	1.10	
	315228		Men's and boys' cut and sew other outerwear manufacturing	1 066 396	X	100.00
		314999	All other miscellaneous textile product mills	X	D	S
		3149998	All other miscellaneous fabricated textile products	X	D	S
		315191	Outerwear knitting mills	X	D	S
		3151917	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made in knitting mills	X	D	S
315223		Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	77 228	7.24	
3152231		Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	67 905	6.37	
3152233		Men's and boys' woven dress and sport shirts, made from purchased fabrics	X	9 323	.87	
315224		Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	8 959	.84	
3152242		Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	X	8 007	.75	
315225		Men's and boys' cut and sew work clothing manufacturing	X	30 415	2.85	
3152251		Men's and boys' work shirts, made from purchased fabrics	X	D	S	
3152254		Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics	X	D	S	
315228		Men's and boys' cut and sew other outerwear manufacturing	X	680 707	63.83	
3152282		Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics	X	306 607	28.75	
3152284		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	132 900	12.46	
3152286		Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics	X	129 330	12.13	
315228W		Men's and boys' cut and sew other outerwear manufacturing, nsk, total	X	111 870	10.49	
315232		Women's and girls' cut and sew blouse and shirt manufacturing	X	D	S	
3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S		

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315228		Men's and boys' cut and sew other outerwear manufacturing—Con.				
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	63 707	5.97	
	3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	D	S	
	3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	D	S	
	3152398	Women's and girls' sweatpants, bodysuits and bodysuits, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics	X	22 181	2.08	
	315239C	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	X	20 967	1.97	
	315239E	Women's and girls' washable service apparel, including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits, made from purchased fabrics	X	D	S	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	101 724	9.54	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	101 724	9.54	
	999999	All other products made in this industry	X	25 553	2.40	
	9999999	All other products made in this industry	X	27 277	2.56	
	315231		Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	2 616 734	X	100.00
315221		Men's and boys' cut and sew underwear and nightwear manufacturing	X	7 607	.29	
3152210		Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	X	7 607	.29	
315228		Men's and boys' cut and sew other outerwear manufacturing	X	D	S	
3152284		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	D	S	
315231		Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	X	2 190 959	83.73	
3152311		Women's and girls' underwear, except foundation garments, made from purchased fabrics	X	348 931	13.33	
3152313		Women's and girls' nightwear, except robes, made from purchased fabrics	X	254 887	9.74	
3152315		Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics	X	1 360 691	52.00	
3152318		Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics	X	56 282	2.15	
3152319		Women's and girls' robes and dressing gowns, made from purchased fabrics	X	65 385	2.50	
315231W		Women's and girls' cut and sew lingerie, loungewear and nightwear manufacturing, nsk, total	X	104 783	4.00	
315232		Women's and girls' cut and sew blouse and shirt manufacturing	X	D	S	
3152321		Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S	
3152323		Women's and girls' woven shirts and blouses, made from purchased fabrics	X	D	S	
315233		Women's and girls' cut and sew dress manufacturing	X	D	S	
3152330		Women's and girls' dresses, made from purchased fabrics	X	D	S	
315234		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	X	D	S	
3152346		Women's and girls' skirts, made from purchased fabrics	X	D	S	
315239		Women's and girls' cut and sew other outerwear manufacturing	X	46 179	1.76	
3152394		Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	D	S	
315239A		Women's and girls' swimwear, made from purchased fabrics	X	D	S	
315291		Infants' cut and sew apparel manufacturing	X	D	S	
3152910		Infants' apparel, made from purchased fabrics	X	D	S	
315292		Fur and leather apparel manufacturing	X	D	S	
3152925		Leather and sheep-lined clothing	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	300 580	11.49	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	300 580	11.49	
999999		All other products made in this industry	X	11 500	.44	
9999999		All other products made in this industry	X	16 784	.64	
315232			Women's and girls' cut and sew blouse and shirt manufacturing	4 229 683	X	100.00
		315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	64 560	1.53
		3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	59 969	1.42
		315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	D	S
	3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics	X	D	S	
	315225	Men's and boys' cut and sew work clothing manufacturing	X	D	S	
	3152251	Men's and boys' work shirts, made from purchased fabrics	X	D	S	
	315228	Men's and boys' cut and sew other outerwear manufacturing	X	D	S	
	3152284	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	D	S	
	3152286	Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics	X	D	S	
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	2 355 495	55.69	
	3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	1 105 248	26.13	
	3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics	X	982 310	23.22	
	315232W	Women's and girls' cut and sew blouse and shirt manufacturing, nsk, total	X	267 937	6.33	
	315233	Women's and girls' cut and sew dress manufacturing	X	240 542	5.69	
	3152330	Women's and girls' dresses, made from purchased fabrics	X	240 542	5.69	
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	X	212 592	5.03	
	3152344	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc)	X	D	S	
	3152346	Women's and girls' skirts, made from purchased fabrics	X	154 385	3.65	
	3152348	Women's and girls' tailored jackets and vests, except fur and leather	X	D	S	
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	487 060	11.52	
	3152392	Women's and girls' sweaters, including sweater vests, made from purchased fabrics	X	31 471	.74	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315232	315239	Women's and girls' cut and sew blouse and shirt manufacturing—Con.				
	3152394	Women's and girls' cut and sew other outerwear manufacturing—Con.				
		Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	127 403	3.01	
	3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	294 806	6.97	
	3152398	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics	X	D	S	
	315239C	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	807 278	19.09	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	807 278	19.09	
	999999	All other products made in this industry	X	10 171	.24	
	9999999	All other products made in this industry	X	23 030	.54	
315233		Women's and girls' cut and sew dress manufacturing	3 633 907	X	100.00	
	315191	Outerwear knitting mills	X	D	S	
	315191D	Knit outerwear, except sweaters and shirts, made in knitting mills	X	D	S	
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	35 772	.98	
	3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S	
	3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics	X	D	S	
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	132 592	3.65	
	3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	50 736	1.40	
	3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics	X	81 856	2.25	
	315233	Women's and girls' cut and sew dress manufacturing	X	2 658 033	73.15	
	3152330	Women's and girls' dresses, made from purchased fabrics	X	2 658 033	73.15	
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	X	73 918	2.03	
	3152344	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc)	X	10 986	.30	
	3152346	Women's and girls' skirts, made from purchased fabrics	X	45 399	1.25	
	3152348	Women's and girls' tailored jackets and vests, except fur and leather	X	17 533	.48	
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	82 761	2.28	
	3152392	Women's and girls' sweaters, including sweater vests, made from purchased fabrics	X	D	S	
	3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	D	S	
	3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	50 759	1.40	
	315239C	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	X	D	S	
	315291	Infants' cut and sew apparel manufacturing	X	D	S	
	3152910	Infants' apparel, made from purchased fabrics	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	611 298	16.82	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	611 298	16.82	
	999999	All other products made in this industry	X	6 256	.17	
	9999999	All other products made in this industry	X	12 377	.34	
	315234		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	1 258 583	X	100.00
		315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	X	10 111	.80
		3152222	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.)	X	9 332	.74
		315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	59 474	4.73
3152321		Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	15 052	1.20	
3152323		Women's and girls' woven shirts and blouses, made from purchased fabrics	X	44 422	3.53	
315233		Women's and girls' cut and sew dress manufacturing	X	16 571	1.32	
3152330		Women's and girls' dresses, made from purchased fabrics	X	16 571	1.32	
315234		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	X	912 883	72.53	
3152342		Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled)	X	202 135	16.06	
3152344		Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc)	X	53 730	4.27	
3152346		Women's and girls' skirts, made from purchased fabrics	X	377 596	30.00	
3152348		Women's and girls' tailored jackets and vests, except fur and leather	X	150 786	11.98	
315234W		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing, nsk, total	X	128 636	10.22	
315239		Women's and girls' cut and sew other outerwear manufacturing	X	D	S	
3152392		Women's and girls' sweaters, including sweater vests, made from purchased fabrics	X	D	S	
3152396		Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	104 796	8.33	
315239C		Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	7 228	.57	
9999999		All other products made in this industry	X	10 510	.84	
315239			Women's and girls' cut and sew other outerwear manufacturing	7 003 249	X	100.00
		314129	Other household textile product mills	X	D	S
		3141296	Other household furnishings, made from purchased materials	X	D	S
		314911	Textile bag mills	X	D	S
		3149110	Textile bags	X	D	S
		315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	133 459	1.91

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315239	315223	Women's and girls' cut and sew other outerwear manufacturing—Con.				
	3152231	Men's and boys' cut and sew shirt (except work shirt) manufacturing—Con.				
		Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	102 381	1.46	
	3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics	X	31 078	.44	
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	117 723	1.68	
	3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	X	11 586	.17	
	3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics	X	106 137	1.52	
	315225	Men's and boys' cut and sew work clothing manufacturing	X	87 522	1.25	
	3152254	Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics	X	D	S	
	315228	Men's and boys' cut and sew other outerwear manufacturing	X	111 148	1.59	
	3152282	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics	X	17 022	.24	
	3152284	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	54 345	.78	
	3152286	Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics	X	39 781	.57	
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	301 181	4.30	
	3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	215 540	3.08	
	3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics	X	85 641	1.22	
	315233	Women's and girls' cut and sew dress manufacturing	X	88 725	1.27	
	3152330	Women's and girls' dresses, made from purchased fabrics	X	88 725	1.27	
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	X	226 667	3.24	
	3152342	Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled)	X	D	S	
	3152346	Women's and girls' skirts, made from purchased fabrics	X	104 824	1.50	
	3152348	Women's and girls' tailored jackets and vests, except fur and leather	X	D	S	
	315239	Women's and girls' cut and sew other outerwear manufacturing	X	3 179 575	45.40	
	3152392	Women's and girls' sweaters, including sweater vests, made from purchased fabrics	X	179 961	2.57	
	3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	322 006	4.60	
	3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	1 198 537	17.11	
	3152398	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics	X	124 631	1.78	
	315239A	Women's and girls' swimwear, made from purchased fabrics	X	618 221	8.83	
	315239C	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	X	101 172	1.44	
	315239E	Women's and girls' washable service apparel, including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits, made from purchased fabrics	X	300 861	4.30	
	315239W	Women's and girls' cut and sew other outerwear manufacturing, nsk, total	X	334 186	4.77	
	315991	Hat, cap, and millinery manufacturing	X	D	S	
	3159912	Men's and boys' fabric, straw, and felt hats and caps	X	D	S	
	316213	Men's footwear (except athletic) manufacturing	X	D	S	
	3162130	Men's footwear, except athletic	X	D	S	
	316214	Women's footwear (except athletic) manufacturing	X	D	S	
	3162140	Women's footwear, except athletic	X	D	S	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 652 564	37.88	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 652 564	37.88	
	999999	All other products made in this industry	X	18 041	.26	
	9999999	All other products made in this industry	X	22 265	.32	
	315291		Infants' cut and sew apparel manufacturing	323 206	X	100.00
		315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	D	S
		3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S
		315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	X	D	S
		3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics	X	D	S
315228		Men's and boys' cut and sew other outerwear manufacturing	X	15 799	4.89	
3152284		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	12 377	3.83	
315232		Women's and girls' cut and sew blouse and shirt manufacturing	X	34 805	10.77	
3152321		Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	33 554	10.38	
315233		Women's and girls' cut and sew dress manufacturing	X	D	S	
3152330		Women's and girls' dresses, made from purchased fabrics	X	D	S	
315234		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	X	D	S	
3152346		Women's and girls' skirts, made from purchased fabrics	X	D	S	
315239		Women's and girls' cut and sew other outerwear manufacturing	X	29 366	9.09	
3152394		Women's and girls' shorts, including tennis skirts, made from purchased fabrics	X	D	S	
3152396		Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	X	11 691	3.62	
315291		Infants' cut and sew apparel manufacturing	X	173 704	53.74	
3152910		Infants' apparel, made from purchased fabrics	X	173 704	53.74	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315291	999890	Infants' cut and sew apparel manufacturing—Con.				
		Sales of products bought and sold without further manufacture, processing, or assembly	X	10 275	3.18	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	10 275	3.18	
	999999	All other products made in this industry	X	4 550	1.41	
	9999999	All other products made in this industry	X	20 108	6.22	
315292	315228	Fur and leather apparel manufacturing	211 253	X	100.00	
	3152282	Men's and boys' cut and sew other outerwear manufacturing	X	D	S	
		Men's and boys' nontailored coats, jackets, and vests, including down- and leather-filled (except ski apparel and work jackets), made from purchased fabrics	X	D	S	
	315292	Fur and leather apparel manufacturing	X	D	S	
	3152921	Fur coats, capes, jackets, neck pieces, fur linings, and other fur garments, accessories, and trimmings	X	40 449	19.15	
	3152925	Leather and sheep-lined clothing	X	D	S	
	315292W	Fur and leather apparel manufacturing, nsk, total	X	21 167	10.02	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	5 608	2.65	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	5 608	2.65	
	999999	All other products made in this industry	X	2 697	1.28	
		9999999	All other products made in this industry	X	2 697	1.28
	315299		All other cut and sew apparel manufacturing	1 120 404	X	100.00
		315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	D	S
3152231		Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S	
315228		Men's and boys' cut and sew other outerwear manufacturing	X	15 038	1.34	
3152284		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	X	D	S	
315233		Women's and girls' cut and sew dress manufacturing	X	D	S	
3152330		Women's and girls' dresses, made from purchased fabrics	X	D	S	
315299		All other cut and sew apparel manufacturing	X	946 536	84.48	
3152991		Men's and boys' team sport uniforms	X	208 739	18.63	
3152993		Women's and girls' team sport uniforms	X	68 107	6.08	
3152995		Vestments and costumes	X	490 996	43.82	
3152997		Apparel 50% or greater plastic or rubber, including raincoats and rubber pants (except wet suits)	X	36 004	3.21	
315299W		All other cut and sew apparel manufacturing, nsk, total	X	142 690	12.74	
930000		Receipts for work done for others on their materials	X	8 655	.77	
9300000		Receipts for work done for others on their materials	X	8 655	.77	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	120 857	10.79	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	120 857	10.79	
999999		All other products made in this industry	X	11 265	1.01	
		9999999	All other products made in this industry	X	16 636	1.48
315991			Hat, cap, and millinery manufacturing	720 844	X	100.00
	315191	Outerwear knitting mills	X	D	S	
	315191H	Hats, mufflers, scarves, and other knitting mill apparel products, excluding outerwear, gloves and mittens, underwear, and nightwear	X	D	S	
	315991	Hat, cap, and millinery manufacturing	X	D	S	
	3159912	Men's and boys' fabric, straw, and felt hats and caps	X	D	S	
	3159915	Women's, girls', and infants' fabric, straw, and felt hats and caps	X	36 008	5.00	
	3159916	Hat bodies and fabric caps	X	242 605	33.66	
	315991W	Hat, cap, and millinery manufacturing, nsk, total	X	122 601	17.01	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 744	.94	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 744	.94	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	141 714	19.66	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	141 714	19.66	
	999999	All other products made in this industry	X	15 107	2.10	
		9999999	All other products made in this industry	X	15 691	2.18
	315992		Glove and mitten manufacturing	290 512	X	100.00
315992		Glove and mitten manufacturing	X	D	S	
3159921		Gloves and mittens, made from purchased fabrics	X	55 293	19.03	
3159923		Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics	X	D	S	
3159925		Gloves and mittens, all leather, made from purchased leather	X	D	S	
315992W		Glove and mitten manufacturing, nsk, total	X	40 339	13.89	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	4 460	1.54	
	9999999	All other products made in this industry	X	4 460	1.54	
315993		Men's and boys' neckwear manufacturing	389 801	X	100.00	
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	X	D	S	
	315993	Men's and boys' neckwear manufacturing	X	D	S	
	3159930	Men's and boys' neckwear	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	36 242	9.30	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	36 242	9.30	
	999999	All other products made in this industry	X	3 457	.89	
	9999999	All other products made in this industry	X	8 594	2.20	
315999		Other apparel accessories and other apparel manufacturing	1 533 717	X	100.00	
	314999	All other miscellaneous textile product mills	X	6 829	.45	
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	D	S	
	3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S	

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
315999		Other apparel accessories and other apparel manufacturing—Con.				
	315999	Other apparel accessories and other apparel manufacturing	X	1 148 670	74.89	
	3159991	Women's and girls' scarfs, dickies, and other neckwear	X	D	S	
	3159995	Leather belts	X	418 945	27.32	
	3159997	Belts, other than leather	X	D	S	
	3159999	Apparel accessories 50 percent or greater plastic or rubber, including aprons, bibs, rainhats, and shower and bathing caps	X	60 905	3.97	
	315999A	Hose supporters, arm bands, suspenders, and handkerchiefs	X	43 988	2.87	
	315999D	Apparel findings, trimmings, and all other fabricated apparel accessories	X	226 101	14.74	
	315999W	Other apparel accessories and other apparel manufacturing, nsk, total	X	340 392	22.19	
	316992	Women's handbag and purse manufacturing	X	D	S	
	3169920	Women's and children's handbags and purses	X	D	S	
	316993	Personal leather good (except women's handbag and purse) manufacturing	X	19 911	1.30	
	3169930	All other personal leather goods	X	29 911	1.30	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	288 625	18.82	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	288 625	18.82	
	999999	All other products made in this industry	X	29 443	1.92	
	9999999	All other products made in this industry	X	36 272	2.36	
	316110		Leather and hide tanning and finishing	2 279 638	X	100.00
		316110	Leather and hide tanning and finishing	X	D	S
		3161101	Finished and unfinished leather	X	D	S
3161104		Contract and commission receipts for tanning or finishing leather owned by others	X	119 329	5.23	
3161107		Furs, dressed and dyed or bleached	X	11 487	.50	
316110W		Leather and hide tanning and finishing, nsk, total	X	80 500	3.53	
316999		All other leather good manufacturing	X	D	S	
3169991		Boot and shoe cut stock and findings	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	13 353	.59	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	13 353	.59	
999999		All other products made in this industry	X	3 013	.13	
9999999		All other products made in this industry	X	3 013	.13	
316211			Rubber and plastics footwear manufacturing	479 725	X	100.00
		316211	Rubber and plastics footwear manufacturing	X	445 890	92.95
		3162111	Protective footwear	X	88 708	18.49
	3162114	Shoes with soles vulcanized, molded, or cemented to fabric uppers, excluding sandals and slippers	X	345 462	72.01	
	316211W	Rubber and plastics footwear manufacturing, nsk, total	X	11 720	2.44	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	23 271	4.85	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	23 271	4.85	
	999999	All other products made in this industry	X	10 564	2.20	
	9999999	All other products made in this industry	X	10 564	2.20	
	316212		House slipper manufacturing	144 592	X	100.00
316212		House slipper manufacturing	X	D	S	
3162120		House slippers	X	D	S	
930000		Receipts for work done for others on their materials	X	—	—	
9300000		Receipts for work done for others on their materials	X	—	—	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	—	—	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	—	—	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	—	—	
9999999	All other products made in this industry	X	—	—		
316213		Men's footwear (except athletic) manufacturing	1 289 303	X	100.00	
	316211	Rubber and plastics footwear manufacturing	X	D	S	
	3162111	Protective footwear	X	D	S	
	316213	Men's footwear (except athletic) manufacturing	X	D	S	
	3162130	Men's footwear, except athletic	X	D	S	
	316214	Women's footwear (except athletic) manufacturing	X	D	S	
	3162140	Women's footwear, except athletic	X	D	S	
	316999	All other leather good manufacturing	X	D	S	
	3169991	Boot and shoe cut stock and findings	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	294 518	22.84	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	294 518	22.84	
	999999	All other products made in this industry	X	5 354	.42	
	9999999	All other products made in this industry	X	8 366	.65	
316214		Women's footwear (except athletic) manufacturing	243 619	X	100.00	
	316214	Women's footwear (except athletic) manufacturing	X	213 647	87.70	
	3162140	Women's footwear, except athletic	X	213 647	87.70	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	23 442	9.62	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	23 442	9.62	
	999999	All other products made in this industry	X	6 530	2.68	
9999999	All other products made in this industry	X	6 530	2.68		
316219		Other footwear manufacturing	121 761	X	100.00	
	316219	Other footwear manufacturing	X	D	S	
	3162190	All other footwear, except rubber	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
316219	999890	Other footwear manufacturing—Con. Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly			S
	999999	All other products made in this industry	X	D	2.08
	9999999	All other products made in this industry	X	2 531	2.08
316991		Luggage manufacturing	626 220	X	100.00
	314911	Textile bag mills		D	S
	3149110	Textile bags		D	S
	316991	Luggage manufacturing		X	503 835
	3169910	Luggage		X	503 835
	316992	Women's handbag and purse manufacturing		X	D
	3169920	Women's and children's handbags and purses		X	D
	316993	Personal leather good (except women's handbag and purse) manufacturing		X	D
	3169930	All other personal leather goods		X	D
	999890	Sales of products bought and sold without further manufacture, processing, or assembly		X	49 239
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly		X	49 239
	999999	All other products made in this industry		X	18 204
	9999999	All other products made in this industry		X	18 204
	316992		Women's handbag and purse manufacturing	112 413	X
316992		Women's handbag and purse manufacturing		D	S
3169920		Women's and children's handbags and purses		X	D
316993		Personal leather good (except women's handbag and purse) manufacturing		X	D
3169930		All other personal leather goods		X	D
999999		All other products made in this industry		X	5 653
9999999		All other products made in this industry		X	5 653
316993		Personal leather goods (except women's handbag and purse) manufacturing	347 760	X	100.00
	316991	Luggage manufacturing		X	22 680
	3169910	Luggage		X	22 680
	316992	Women's handbag and purse manufacturing		X	D
	3169920	Women's and children's handbags and purses		X	D
	316993	Personal leather good (except women's handbag and purse) manufacturing		X	214 096
	3169930	All other personal leather goods		X	214 096
	316999	All other leather good manufacturing		X	D
	999890	Sales of products bought and sold without further manufacture, processing, or assembly		X	59 282
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly		X	59 282
	999999	All other products made in this industry		X	7 730
9999999	All other products made in this industry		X	12 952	
316999		All other leather goods manufacturing	654 075	X	100.00
	316991	Luggage manufacturing		X	D
	3169910	Luggage		X	D
	316993	Personal leather good (except women's handbag and purse) manufacturing		X	7 850
	3169930	All other personal leather goods		X	7 850
	316999	All other leather good manufacturing		X	533 305
	3169991	Boot and shoe cut stock and findings		X	33 516
	3169994	All other miscellaneous leather goods		X	414 626
	316999W	All other leather good manufacturing, nsk, total		X	85 163
	999890	Sales of products bought and sold without further manufacture, processing, or assembly		X	D
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly		X	D
	999999	All other products made in this industry		X	13 441
	9999999	All other products made in this industry		X	13 441
	321113		Sawmills	21 351 985	X
321113		Sawmills		X	19 409 683
3211131		Hardwood lumber, made in sawmills		X	3 592 623
3211133		Softwood lumber, made in sawmills		X	10 794 682
3211135		Wood chips, except field chips		X	1 501 173
3211137		Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others		X	D
321113W		Sawmills, nsk, total		X	D
321114		Wood preservation		X	64 657
3211141		Wood poles, piles, and posts owned and treated by the same establishment		X	40 431
3211145		Other wood products owned and treated by the same establishment		X	19 753
321211		Hardwood veneer and plywood manufacturing		X	8 790
321212		Softwood veneer and plywood manufacturing		X	140 626
3212121		Softwood veneer, including veneer backed with paper, cloth, or other flexible material		X	D
3212123		Softwood plywood, rough, including touch sanded, interior and exterior		X	64 696
3212125		Softwood plywood, sanded, interior and exterior		X	D
321214		Truss manufacturing		X	14 716
3212140		Wood trusses		X	14 716
321219		Reconstituted wood product manufacturing		X	D
3212191		Particleboard made from particleboard produced at the same location		X	D
321912		Cut stock, resawing lumber, and planing		X	293 251
3219121		Hardwood lumber, made from purchased lumber		X	104 079
3219123		Softwood lumber, made from purchased lumber		X	109 419
3219126		Hardwood cut stock and dimension		X	58 204
3219128		Softwood cut stock and dimension		X	14 982
3219129		Sawn wood fence stock, wood lath, and contract resawing and planing		X	6 234
321918		Other millwork (including flooring)		X	55 524
3219181		Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.		X	D
3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring		X	26 816	
3219187	Hardwood flooring		X	D	
321920	Wood container and pallet manufacturing		X	126 959	
3219205	Wood pallets and pallet containers, wood and metal combination		X	120 598	
321992	Prefabricated wood building manufacturing		X	7 459	
3219921	Components for prefabricated stationary wood buildings (not sold as complete units)		X	D	

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
321113		Sawmills—Con.				
	321999	All other miscellaneous wood product manufacturing	X	48 350	.23	
	3219990	All other miscellaneous wood product manufacturing	X	48 350	.23	
	337215	Showcase, partition, shelving, and locker manufacturing	X	D	S	
	337215L	Hardwood and softwood furniture dimension fully machined ready for assembly	X	D	S	
	930000	Receipts for work done for others on their materials	X	47 368	.22	
	9300000	Receipts for work done for others on their materials	X	47 368	.22	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	599 628	2.81	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	599 628	2.81	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	492 471	2.31	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	492 471	2.31	
	999999	All other products made in this industry	X	5 972	.03	
	9999999	All other products made in this industry	X	31 890	.15	
	321114		Wood preservation	4 546 550	X	100.00
		321113	Sawmills	X	161 733	3.56
3211131		Hardwood lumber, made in sawmills	X	6 307	.14	
3211133		Softwood lumber, made in sawmills	X	143 140	3.15	
3211137		Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others	X	D	S	
321114		Wood preservation	X	4 071 633	89.55	
3211141		Wood poles, piles, and posts owned and treated by the same establishment ..	X	881 906	19.40	
3211145		Other wood products owned and treated by the same establishment	X	2 759 760	60.70	
3211149		Contract wood preservation	X	180 270	3.53	
321114W		Wood preservation, nsk, total	X	269 697	5.93	
321214		Truss manufacturing	X	D	S	
3212140		Wood trusses	X	D	S	
321912		Cut stock, resawing lumber, and planing	X	D	S	
3219123		Softwood lumber, made from purchased lumber	X	D	S	
321920		Wood container and pallet manufacturing	X	30 112	.66	
3219201		Nailed and lock-corner wood boxes	X	D	S	
3219205		Wood pallets and pallet containers, wood and metal combination	X	D	S	
322121		Paper (except newsprint) mills	X	D	S	
322121A		Packaging and industrial converting paper, except unbleached kraft	X	D	S	
325192		Cyclic crude and intermediate manufacturing	X	D	S	
332313		Plate work manufacturing	X	D	S	
3323130		Fabricated plate work (stacks and weldments)	X	D	S	
930000		Receipts for work done for others on their materials	X	45 474	1.00	
9300000		Receipts for work done for others on their materials	X	45 474	1.00	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 309	.45	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 309	.45	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	117 717	2.59	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	117 717	2.59	
999999		All other products made in this industry	X	12 193	.27	
9999999		All other products made in this industry	X	27 951	.61	
321211			Hardwood veneer and plywood manufacturing	3 076 953	X	100.00
		321113	Sawmills	X	29 055	.94
		3211131	Hardwood lumber, made in sawmills	X	19 035	.62
		3211135	Wood chips, except field chips	X	9 410	.31
		321211	Hardwood veneer and plywood manufacturing	X	2 784 110	90.48
		3212111	Hardwood veneer, including veneer backed with paper, cloth, or other flexible material	X	1 073 979	34.90
		3212113	Hardwood plywood, except prefinished hardwood plywood made from purchased hardwood plywood	X	1 007 956	32.76
		3212115	Prefinished hardwood plywood made from purchased hardwood plywood	X	90 720	2.95
		3212117	Hardwood plywood type products	X	411 636	13.38
		321211W	Hardwood veneer and plywood manufacturing, nsk, total	X	199 819	6.49
		321212	Softwood veneer and plywood manufacturing	X	98 464	3.20
		3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material	X	D	S
		3212123	Softwood plywood, rough, including touch sanded, interior and exterior	X	D	S
		3212125	Softwood plywood, sanded, interior and exterior	X	D	S
		3212128	Softwood plywood specialties	X	D	S
	321219	Reconstituted wood product manufacturing	X	D	S	
	3212191	Particleboard made from particleboard produced at the same location	X	D	S	
	321912	Cut stock, resawing lumber, and planing	X	D	S	
	930000	Receipts for work done for others on their materials	X	25 007	.81	
	9300000	Receipts for work done for others on their materials	X	25 007	.81	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	15 024	.49	
	9999999	All other products made in this industry	X	24 969	.81	
	321212		Softwood veneer and plywood manufacturing	4 725 039	X	100.00
		321113	Sawmills	X	259 607	5.49
		3211133	Softwood lumber, made in sawmills	X	105 942	2.24
		3211135	Wood chips, except field chips	X	145 861	3.09
321113W		Sawmills, nsk, total	X	D	S	
321211		Hardwood veneer and plywood manufacturing	X	D	S	
3212111		Hardwood veneer, including veneer backed with paper, cloth, or other flexible material	X	D	S	
3212113		Hardwood plywood, except prefinished hardwood plywood made from purchased hardwood plywood	X	9 846	.21	
3212115		Prefinished hardwood plywood made from purchased hardwood plywood	X	D	S	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
321212		Softwood veneer and plywood manufacturing—Con.			
	321211	Hardwood veneer and plywood manufacturing—Con.			
	3212117	Hardwood plywood type products	X	35 499	.75
	321212	Softwood veneer and plywood manufacturing	X	4 139 267	87.60
	3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material	X	783 482	16.58
	3212123	Softwood plywood, rough, including touch sanded, interior and exterior	X	2 160 435	45.72
	3212125	Softwood plywood, sanded, interior and exterior	X	587 003	12.42
	3212128	Softwood plywood specialties	X	586 577	12.41
	321212W	Softwood veneer and plywood manufacturing, nsk, total	X	21 770	.46
	321213	Engineered wood member (except truss) manufacturing	X	D	S
	3212130	Engineered wood members (except trusses)	X	D	S
	321219	Reconstituted wood product manufacturing	X	D	S
	3212192	Waferboard and oriented strandboard	X	D	S
	930000	Receipts for work done for others on their materials	X	7 597	.16
	9300000	Receipts for work done for others on their materials	X	7 597	.16
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	140 134	2.97
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	140 134	2.97
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	25 335	.54
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	25 335	.54
	999999	All other products made in this industry	X	6 532	.14
9999999	All other products made in this industry	X	8 404	.18	
321213		Engineered wood member (except truss) manufacturing	2 008 706	X	100.00
	321212	Softwood veneer and plywood manufacturing	X	D	S
	3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material	X	D	S
	321213	Engineered wood member (except truss) manufacturing	X	1 888 879	94.03
	3212130	Engineered wood members (except trusses)	X	1 888 879	94.03
	321214	Truss manufacturing	X	20 060	1.00
	3212140	Wood trusses	X	20 060	1.00
	321992	Prefabricated wood building manufacturing	X	D	S
	3219921	Components for prefabricated stationary wood buildings (not sold as complete units)	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 501	.42
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 501	.42
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	41 713	2.08
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	41 713	2.08
	999999	All other products made in this industry	X	17 540	.87
	9999999	All other products made in this industry	X	17 540	.87
	321214		Truss manufacturing	4 524 046	X
321113		Sawmills	X	D	S
3211133		Softwood lumber, made in sawmills	X	D	S
321211		Hardwood veneer and plywood manufacturing	X	12 151	.27
3212117		Hardwood plywood type products	X	D	S
321212		Softwood veneer and plywood manufacturing	X	9 176	.20
3212128		Softwood plywood specialties	X	D	S
321213		Engineered wood member (except truss) manufacturing	X	104 885	2.32
3212130		Engineered wood members (except trusses)	X	104 885	2.32
321214		Truss manufacturing	X	3 865 025	85.43
3212140		Wood trusses	X	3 865 025	85.43
321911		Wood window and door manufacturing	X	28 798	.64
3219117		Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	X	D	S
321911W		Wood window and door manufacturing, nsk, total	X	16 839	.37
321912		Cut stock, resawing lumber, and planing	X	8 694	.19
3219123		Softwood lumber, made from purchased lumber	X	8 160	.18
321918		Other millwork (including flooring)	X	D	S
3219185		Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	D	S
321992		Prefabricated wood building manufacturing	X	122 996	2.72
3219921		Components for prefabricated stationary wood buildings (not sold as complete units)	X	96 398	2.13
3219925		Prefabricated stationary wood buildings shipped in panel form (complete units)	X	23 907	.53
332312		Fabricated structural metal manufacturing	X	8 653	.19
3323121		Fabricated structural metal bar joists and concrete reinforcing bars	X	6 095	.13
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 704	.19
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 704	.19
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	325 764	7.20
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	325 764	7.20
999999		All other products made in this industry	X	13 235	.29
9999999	All other products made in this industry	X	29 064	.64	
321219		Reconstituted wood product manufacturing	5 828 833	X	100.00
	321113	Sawmills	X	D	S
	3211135	Wood chips, except field chips	X	D	S
	321211	Hardwood veneer and plywood manufacturing	X	21 223	.36
	3212115	Prefinished hardwood plywood made from purchased hardwood plywood	X	D	S
	321213	Engineered wood member (except truss) manufacturing	X	D	S
	3212130	Engineered wood members (except trusses)	X	D	S
	321219	Reconstituted wood product manufacturing	X	5 548 719	95.19
	3212191	Particleboard made from particleboard produced at the same location	X	1 150 344	19.74
	3212192	Waferboard and oriented strandboard	X	1 905 334	32.69

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
321219		Reconstituted wood product manufacturing—Con.				
	321219	Reconstituted wood product manufacturing—Con.				
	3212193	Medium density fiberboard (MDF) made from MDF produced at the same location	X	655 782	11.25	
	3212194	Hardboard made from hardboard produced at the same location	X	471 235	8.08	
	3212195	Cellulosic fiberboard (insulating board)	X	117 792	2.02	
	3212197	Hardboard made from purchased hardboard	X	312 214	5.36	
	3212198	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF	X	744 554	12.77	
	321219W	Reconstituted wood product manufacturing, nsk, total	X	191 464	3.28	
	321911	Wood window and door manufacturing	X	D	S	
	3219115	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	X	D	S	
	321912	Cut stock, resawing lumber, and planing	X	D	S	
	3219121	Hardwood lumber, made from purchased lumber	X	D	S	
	326199	All other plastics product manufacturing	X	D	S	
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S	
	327420	Gypsum product manufacturing	X	D	S	
	3274201	Gypsum building materials	X	D	S	
	337110	Wood kitchen cabinet and countertop manufacturing	X	D	S	
	337215	Showcase, partition, shelving, and locker manufacturing	X	D	S	
	3372155	Wood bank, office, store, and related fixtures (except custom)	X	D	S	
	930000	Receipts for work done for others on their materials	X	5 954	.10	
	9300000	Receipts for work done for others on their materials	X	5 954	.10	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 343	.37	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 343	.37	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	118 607	2.03	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	118 607	2.03	
	999999	All other products made in this industry	X	17 820	.31	
	9999999	All other products made in this industry	X	37 902	.65	
	321911		Wood window and door manufacturing	10 976 682	X	100.00
		321214	Truss manufacturing	X	D	S
		3212140	Wood trusses	X	D	S
		321911	Wood window and door manufacturing	X	9 540 314	86.91
		3219111	Wood window units	X	2 891 259	26.34
3219113		Wood sash, excluding sash shipped in window units	X	63 044	.57	
3219115		Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	X	404 043	3.68	
3219117		Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	X	3 196 743	29.12	
3219119		Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	X	1 485 987	13.54	
321911W		Wood window and door manufacturing, nsk, total	X	1 499 238	13.66	
321912		Cut stock, resawing lumber, and planing	X	32 840	.30	
3219128		Softwood cut stock and dimension	X	D	S	
321918		Other millwork (including flooring)	X	318 438	2.90	
3219181		Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	101 553	.93	
3219183		Prefinished wood moldings made from purchased moldings, including wood moldings covered with metal and plastics	X	18 986	.17	
3219185		Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	190 042	1.73	
3219187		Hardwood flooring	X	7 602	.07	
326199		All other plastics product manufacturing	X	85 376	.78	
3261998		Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	85 376	.78	
332321		Metal window and door manufacturing	X	90 827	.83	
3323211		Metal doors (except storm doors)	X	75 904	.69	
332321W		Metal window and door manufacturing, nsk, total	X	D	S	
332322		Sheet metal work manufacturing	X	D	S	
3323227		Sheet metal roofing and roof drainage equipment	X	D	S	
332510		Hardware manufacturing	X	D	S	
3325104		Builders' hardware	X	D	S	
337110		Wood kitchen cabinet and countertop manufacturing	X	97 697	.89	
3371101		Wood stock line kitchen cabinets and related cabinetwork for permanent installation	X	36 194	.33	
3371104		Other wood custom kitchen cabinets and related cabinetwork for permanent installation, excluding kitchen cabinets and related cabinetwork sold directly to the customer at retail	X	24 787	.23	
337110B		Wood and plastics laminated wood kitchen cabinet tops	X	D	S	
337212		Custom architectural woodwork and millwork manufacturing	X	21 849	.20	
3372120		Custom architectural woodwork, millwork, and fixtures	X	21 849	.20	
930000	Receipts for work done for others on their materials	X	20 362	.19		
9300000	Receipts for work done for others on their materials	X	20 362	.19		
999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	38 076	.35		
9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	38 076	.35		
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	645 638	5.88		
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	645 638	5.88		
999999	All other products made in this industry	X	34 918	.32		
9999999	All other products made in this industry	X	61 545	.56		
321912		Cut stock, resawing lumber, and planing	5 705 960	X	100.00	
	321113	Sawmills	X	165 623	2.90	
	3211131	Hardwood lumber, made in sawmills	X	80 539	1.41	
	3211133	Softwood lumber, made in sawmills	X	37 749	.66	
	3211135	Wood chips, except field chips	X	44 538	.78	
	321114	Wood preservation	X	D	S	
	3211145	Other wood products owned and treated by the same establishment	X	D	S	
	321211	Hardwood veneer and plywood manufacturing	X	11 060	.19	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
321912		Cut stock, resawing lumber, and planing—Con.				
	321211	Hardwood veneer and plywood manufacturing—Con.				
	3212113	Hardwood plywood, except prefinished hardwood plywood made from purchased hardwood plywood	X	D	S	
	321212	Softwood veneer and plywood manufacturing	X	D	S	
	3212123	Softwood plywood, rough, including touch sanded, interior and exterior	X	D	S	
	321214	Truss manufacturing	X	142 824	2.50	
	3212140	Wood trusses	X	142 824	2.50	
	321219	Reconstituted wood product manufacturing	X	D	S	
	321219W	Reconstituted wood product manufacturing, nsk, total	X	D	S	
	321911	Wood window and door manufacturing	X	33 217	.58	
	3219115	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	X			
	3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	X	D	S	
	321912	Cut stock, resawing lumber, and planing	X	4 767 090	83.55	
	3219121	Hardwood lumber, made from purchased lumber	X	917 469	16.08	
	3219123	Softwood lumber, made from purchased lumber	X	1 509 687	26.46	
	3219126	Hardwood cut stock and dimension	X	837 789	14.68	
	3219128	Softwood cut stock and dimension	X	544 746	9.55	
	3219129	Sawn wood fence stock, wood lath, and contract resawing and planing	X	106 295	1.86	
	321912W	Cut stock, resawn lumber, and planing, nsk, total	X	851 104	14.92	
	321918	Other millwork (including flooring)	X	59 449	1.04	
	3219181	Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	46 757	.82	
	3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	12 473	.22	
	321920	Wood container and pallet manufacturing	X	D	S	
	3219201	Nailed and lock-corner wood boxes	X	D	S	
	321992	Prefabricated wood building manufacturing	X	D	S	
	3219921	Components for prefabricated stationary wood buildings (not sold as complete units)	X	D	S	
	321999	All other miscellaneous wood product manufacturing	X	30 811	.54	
	3219990	All other miscellaneous wood product manufacturing	X	30 811	.54	
	337215	Showcase, partition, shelving, and locker manufacturing	X	13 731	.24	
	337215L	Hardwood and softwood furniture dimension fully machined ready for assembly	X	10 866	.19	
	930000	Receipts for work done for others on their materials	X	34 006	.60	
	9300000	Receipts for work done for others on their materials	X	34 006	.60	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	65 996	1.16	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	65 996	1.16	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	274 451	4.81	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	274 451	4.81	
	999999	All other products made in this industry	X	12 490	.22	
	9999999	All other products made in this industry	X	33 835	.59	
	321918		Other millwork (including flooring)	5 810 147	X	100.00
		321211	Hardwood veneer and plywood manufacturing	X	13 904	.24
		3212113	Hardwood plywood, except prefinished hardwood plywood made from purchased hardwood plywood	X	D	S
		321911	Wood window and door manufacturing	X	182 550	3.14
		3219111	Wood window units	X	D	S
		3219113	Wood sash, excluding sash shipped in window units	X	D	S
		3219115	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	X	65 654	1.13
		3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	X	78 260	1.35
		3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	X	D	S
321912		Cut stock, resawing lumber, and planing	X	68 687	1.18	
3219121		Hardwood lumber, made from purchased lumber	X	13 156	.23	
3219123		Softwood lumber, made from purchased lumber	X	D	S	
3219128		Softwood cut stock and dimension	X	D	S	
321918		Other millwork (including flooring)	X	4 970 770	85.55	
3219181		Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	1 756 041	30.22	
3219183		Prefinished wood moldings made from purchased moldings, including wood moldings covered with metal and plastics	X	60 861	1.05	
3219185		Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	1 180 211	20.31	
3219187		Hardwood flooring	X	1 519 445	26.15	
321918W		Other millwork (including flooring), nsk, total	X	454 212	7.82	
321920		Wood container and pallet manufacturing	X	D	S	
3219207		Other wood container parts and wood containers	X	D	S	
321999		All other miscellaneous wood product manufacturing	X	17 336	.30	
3219990		All other miscellaneous wood product manufacturing	X	17 336	.30	
326199		All other plastics product manufacturing	X	36 560	.63	
3261998		Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	35 905	.62	
332321		Metal window and door manufacturing	X	D	S	
337110		Wood kitchen cabinet and countertop manufacturing	X	16 508	.28	
3371101		Wood stock line kitchen cabinets and related cabinetwork for permanent installation	X	8 155	.14	
3371104		Other wood custom kitchen cabinets and related cabinetwork for permanent installation, excluding kitchen cabinets and related cabinetwork sold directly to the customer at retail	X	6 888	.12	
337212		Custom architectural woodwork and millwork manufacturing	X	29 327	.50	
3372120		Custom architectural woodwork, millwork, and fixtures	X	29 327	.50	
337215		Showcase, partition, shelving, and locker manufacturing	X	6 326	.11	
930000		Receipts for work done for others on their materials	X	21 863	.38	
9300000		Receipts for work done for others on their materials	X	21 863	.38	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 335	.76	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 335	.76	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
321918		Other millwork (including flooring)—Con.			
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	349 523	6.02
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	349 523	6.02
	999999	All other products made in this industry	X	39 888	.69
321920		Wood container and pallet manufacturing	5 062 960	X	100.00
	321113	Sawmills	X	114 003	2.25
	3211131	Hardwood lumber, made in sawmills	X	54 546	1.08
	3211133	Softwood lumber, made in sawmills	X	21 976	.43
3211135	Wood chips, except field chips	X	35 750	.71	
321912	Cut stock, resawing lumber, and planing	X	14 731	.29	
321920	Wood container and pallet manufacturing	X	4 541 093	89.69	
3219201	Nailed and lock-corner wood boxes	D		S	
3219203	Wood box and crate shoo	X	130 988	2.59	
3219205	Wood pallets and pallet containers, wood and metal combination	X	2 856 364	56.42	
3219207	Other wood container parts and wood containers	X	D	S	
321920W	Wood container and pallet manufacturing, nsk, total	X	664 413	13.12	
321999	All other miscellaneous wood product manufacturing	X	10 453	.21	
3219990	All other miscellaneous wood product manufacturing	X	10 453	.21	
930000	Receipts for work done for others on their materials	X	20 676	.41	
9300000	Receipts for work done for others on their materials	X	20 676	.41	
999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	78 015	1.54	
9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	78 015	1.54	
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	263 574	5.21	
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	263 574	5.21	
999999	All other products made in this industry	X	20 415	.40	
9999999	All other products made in this industry	X	36 877	.73	
321991		Manufactured home (mobile home) manufacturing	6 726 767	X	100.00
	321991	Manufactured home (mobile home) manufacturing	X	6 587 846	97.93
	3219911	Manufactured homes (mobile homes)	X	D	S
	3219915	Nonresidential mobile buildings	X	D	S
	321991W	Manufactured home (mobile home) manufacturing, nsk, total	X	160 769	2.39
	321992	Prefabricated wood building manufacturing	X	37 608	.56
	3219923	Precut packages for prefabricated stationary wood buildings (complete units)	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	51 166	.76
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	51 166	.76
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	7 648	.11
	9999999	All other products made in this industry	X	10 712	.16
	321992		Prefabricated wood building manufacturing	3 731 896	X
321214		Truss manufacturing	X	124 737	3.34
3212140		Wood trusses	X	124 737	3.34
321991		Manufactured home (mobile home) manufacturing	X	D	S
3219911		Manufactured homes (mobile homes)	X	D	S
321992		Prefabricated wood building manufacturing	X	3 353 634	89.86
3219921		Components for prefabricated stationary wood buildings (not sold as complete units)	X	292 348	7.83
3219923		Precut packages for prefabricated stationary wood buildings (complete units)	X	D	S
3219925		Prefabricated stationary wood buildings shipped in panel form (complete units)	X	691 599	18.53
3219927		Prefabricated stationary wood buildings shipped in three-dimensional assemblies	X	D	S
321992W		Prefabricated wood building manufacturing, nsk, total	X	464 549	12.45
327390		Other concrete product manufacturing	X	D	S
3273901		Precast concrete products	X	D	S
930000		Receipts for work done for others on their materials	X	11 598	.31
9300000		Receipts for work done for others on their materials	X	11 598	.31
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 166	.57
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 166	.57
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	171 578	4.60
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	171 578	4.60
999999		All other products made in this industry	X	14 311	.38
9999999		All other products made in this industry	X	14 790	.40
321999			All other miscellaneous wood product manufacturing	4 887 641	X
	321113	Sawmills	X	25 462	.52
	3211131	Hardwood lumber, made in sawmills	X	8 592	.18
	3211133	Softwood lumber, made in sawmills	X	D	S
	3211135	Wood chips, except field chips	X	D	S
	321114	Wood preservation	X	D	S
	3211145	Other wood products owned and treated by the same establishment	X	D	S
	321212	Softwood veneer and plywood manufacturing	X	D	S
	3212123	Softwood plywood, rough, including touch sanded, interior and exterior	X	D	S
	321911	Wood window and door manufacturing	X	D	S
	3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	X	D	S
	321912	Cut stock, resawing lumber, and planing	X	22 498	.46
	3219121	Hardwood lumber, made from purchased lumber	X	D	S
	3219129	Sawn wood fence stock, wood lath, and contract resawing and planing	X	6 817	.14
	321920	Wood container and pallet manufacturing	X	10 286	.21
	3219205	Wood pallets and pallet containers, wood and metal combination	X	D	S
	321999	All other miscellaneous wood product manufacturing	X	3 913 530	80.07

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
321999		All other miscellaneous wood product manufacturing—Con.				
	321999	All other miscellaneous wood product manufacturing—Con.				
	3219990	All other miscellaneous wood product manufacturing.....	X	3 913 530	80.07	
	325314	Fertilizer (mixing only) manufacturing.....	X	D	S	
	3253140	Mixed fertilizers, mixing only.....	X	D	S	
	326199	All other plastics product manufacturing.....	X	118 974	2.43	
	3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics).....	X	D	S	
	3261994	Plastics packaging (excluding film and sheet, foam, and bottles).....	X	D	S	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated).....	X	84 188	1.72	
	326199W	All other plastics product manufacturing, nsk, total.....	X	D	S	
	332115	Crown and closure manufacturing.....	X	D	S	
	3321150	Crowns and closures.....	X	D	S	
	332212	Hand and edge tool manufacturing.....	X	5 048	.10	
	337110	Wood kitchen cabinet and countertop manufacturing.....	X	6 555	.13	
	337110H	Wood custom kitchen cabinets, bathroom vanities, and related cabinetwork for permanent installation sold directly to the customer at retail.....	X	D	S	
	339920	Sporting and athletic goods manufacturing.....	X	D	S	
	339920A	Other sporting and athletic goods.....	X	D	S	
	930000	Receipts for work done for others on their materials.....	X	33 300	.68	
	9300000	Receipts for work done for others on their materials.....	X	33 300	.68	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	53 094	1.09	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	53 094	1.09	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly.....	X	583 543	11.94	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly.....	X	583 543	11.94	
	999999	All other products made in this industry.....	X	33 105	.68	
	9999999	All other products made in this industry.....	X	51 242	1.05	
	322110		Pulp mills.....	3 650 916	X	100.00
		322110	Pulp mills.....	X	D	S
		3221101	Special alpha and dissolving woodpulp (sulfite and sulfate for chemical conversion, papermaking, and other uses).....	X	D	S
		3221103	Sulfate woodpulp, including soda.....	X	2 288 428	62.68
		3221105	Sulfite and other woodpulp.....	X	D	S
		3221107	All other miscellaneous pulp, other than wood, and pulp mill byproducts.....	X	401 747	11.00
		322110W	Pulp mills, nsk, total.....	X	D	S
322121		Paper (except newsprint) mills.....	X	D	S	
3221213		Uncoated freesheet paper (containing not more than 10 percent mechanical fiber).....	X	D	S	
325191		Gum and wood chemical manufacturing.....	X	D	S	
3251910		Gum and wood chemicals, including wood distillation products.....	X	D	S	
930000		Receipts for work done for others on their materials.....	X	—	—	
9300000		Receipts for work done for others on their materials.....	X	—	—	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly.....	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly.....	X	D	S	
999999		All other products made in this industry.....	X	—	—	
9999999		All other products made in this industry.....	X	—	—	
322121			Paper (except newsprint) mills.....	42 321 838	X	100.00
		313230	Nonwoven fabric mills.....	X	59 910	.14
		3132301	Nonwoven fabrics.....	X	59 910	.14
	322110	Pulp mills.....	X	1 283 064	3.03	
	3221101	Special alpha and dissolving woodpulp (sulfite and sulfate for chemical conversion, papermaking, and other uses).....	X	D	S	
	3221103	Sulfate woodpulp, including soda.....	X	992 642	2.35	
	3221105	Sulfite and other woodpulp.....	X	D	S	
	3221107	All other miscellaneous pulp, other than wood, and pulp mill byproducts.....	X	D	S	
	322121	Paper (except newsprint) mills.....	X	39 465 652	93.25	
	3221211	Clay-coated printing and converting paper.....	X	D	S	
	3221213	Uncoated freesheet paper (containing not more than 10 percent mechanical fiber).....	X	10 023 365	23.68	
	3221215	Bleached bristols (weight more than 150 g per sq meter), excluding cotton fiber index and bogus.....	X	D	S	
	3221217	Cotton fiber paper (containing 25 percent or more cotton or similar fibers) and thin paper.....	X	D	S	
	3221219	Unbleached kraft (not less than 80 percent) packaging and industrial converting paper.....	X	665 068	1.57	
	322121A	Packaging and industrial converting paper, except unbleached kraft.....	X	716 696	1.69	
	322121C	Special industrial paper, except specialty packaging, including absorbent, battery separator, electrical papers, etc.....	X	D	S	
	322121E	Construction paper.....	X	182 056	.43	
	322121G	Tissue paper and other machine-creped paper.....	X	D	S	
	322121K	Disposable diapers and similar disposable products, made in paper mills.....	X	D	S	
	322121N	Sanitary tissue paper products, made in paper mills.....	X	D	S	
	322121W	Paper (except newsprint) mills, nsk, total.....	X	39 133	.09	
	322122	Newsprint mills.....	X	406 000	.96	
	3221221	Newsprint.....	X	D	S	
	3221223	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber).....	X	D	S	
	322130	Paperboard mills.....	X	548 980	1.30	
	3221303	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp).....	X	D	S	
	3221307	Recycled paperboard.....	X	D	S	
	322221	Coated and laminated packaging paper and plastics film manufacturing.....	X	24 104	.06	
	3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses.....	X	D	S	
	322222	Coated and laminated paper manufacturing.....	X	79 642	.19	
	3222225	Pressure-sensitive products.....	X	58 163	.14	
	3222229	Other coated and processed papers, except for packaging uses.....	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
322121		Paper (except newsprint) mills—Con.			
	322223	Plastics, foil, and coated paper bag manufacturing	X	D	S
	3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	X	D	S
	322299	All other converted paper product manufacturing	X	D	S
	3222993	Miscellaneous converted paper and paperboard products	X	D	S
	323112	Commercial flexographic printing	X	D	S
	3231121	Label and wrapper printing (flexographic)	X	D	S
	325191	Gum and wood chemical manufacturing	X	6 426	.02
	3251910	Gum and wood chemicals, including wood distillation products	X	6 426	.02
	337127	Institutional furniture manufacturing	X	D	S
	3371278	Bar, bowling center, cafeteria, and restaurant furniture	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	253 139	.60
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	253 139	.60
	999999	All other products made in this industry	X	11 270	.03
	9999999	All other products made in this industry	X	16 971	.04
	322122		Newsprint mills	2 964 916	X
322110		Pulp mills	X	D	S
3221103		Sulfate woodpulp, including soda	X	D	S
322121		Paper (except newsprint) mills	X	D	S
3221213		Uncoated freesheet paper (containing not more than 10 percent mechanical fiber)	X	D	S
322122		Newsprint mills	X	D	S
3221221		Newsprint	X	2 283 894	77.03
3221223		Uncoated ground-wood paper (containing more than 10 percent mechanical fiber)	X	D	S
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
999999		All other products made in this industry	X	3 255	.11
9999999		All other products made in this industry	X	8 383	.28
322130		Paperboard mills	21 003 236	X	100.00
	313210	Broadwoven fabric mills	X	D	S
	313210N	Other broadwoven fabrics of manmade fibers including pile; and broadwoven fabrics of silk and natural fibers (excluding cotton) (gray goods)	X	D	S
	322110	Pulp mills	X	293 935	1.40
	3221103	Sulfate woodpulp, including soda	X	D	S
	3221107	All other miscellaneous pulp, other than wood, and pulp mill byproducts	X	D	S
	322121	Paper (except newsprint) mills	X	1 090 522	5.19
	3221211	Clay-coated printing and converting paper	X	D	S
	3221213	Uncoated freesheet paper (containing not more than 10 percent mechanical fiber)	X	D	S
	3221215	Bleached bristols (weight more than 150 g per sq meter), excluding cotton fiber index and bogus	X	D	S
	3221219	Unbleached kraft (not less than 80 percent) packaging and industrial converting paper	X	287 956	1.37
	322121A	Packaging and industrial converting paper, except unbleached kraft	X	D	S
	322121C	Special industrial paper, except specialty packaging, including absorbent, battery separator, electrical papers, etc.	X	D	S
	322121E	Construction paper	X	16 963	.08
	322121G	Tissue paper and other machine-creped paper	X	D	S
	322122	Newsprint mills	X	D	S
	3221221	Newsprint	X	D	S
	322130	Paperboard mills	X	19 023 298	90.57
	3221301	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp)	X	D	S
	3221303	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp)	X	D	S
	3221305	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp)	X	1 049 286	5.00
	3221307	Recycled paperboard	X	6 208 552	29.56
	3221309	Wet machine board, including binders' board and shoe board	X	48 486	.23
	322130W	Paperboard mills, nsk, total	X	9 745	.05
	325191	Gum and wood chemical manufacturing	X	D	S
	3251910	Gum and wood chemicals, including wood distillation products	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	152 982	.73	
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	152 982	.73	
999999	All other products made in this industry	X	8 006	.04	
9999999	All other products made in this industry	X	8 264	.04	
322211		Corrugated and solid fiber box manufacturing	29 493 320	X	100.00
	321920	Wood container and pallet manufacturing	X	23 026	.08
	321920W	Wood container and pallet manufacturing, nsk, total	X	17 860	.06
	322130	Paperboard mills	X	D	S
	3221301	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp)	X	D	S
	322211	Corrugated and solid fiber box manufacturing	X	27 639 640	93.71
	3222110	Corrugated and solid fiber boxes, including pallets	X	27 639 640	93.71
	322212	Folding paperboard box manufacturing	X	280 891	.95
	3222120	Folding paperboard boxes, packaging, and packaging components	X	280 891	.95

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
322211		Corrugated and solid fiber box manufacturing—Con.				
	322213	Setup paperboard box manufacturing	X	139 310	.47	
	3222130	Setup (rigid) paperboard boxes	X	139 310	.47	
	322214	Fiber can, tube, drum, and similar products manufacturing	X	6 305	.02	
	3222143	Fiber cans, tubes, and similar fiber products	X	5 318	.02	
	322215	Nonfolding sanitary food container manufacturing	X	D	S	
	3222153	Cups and liquid-tight paper and paperboard containers	X	D	S	
	322226	Surface-coated paperboard manufacturing	X	12 969	.04	
	3222260	Pasted, lined, laminated, or surface-coated paperboard	X	12 969	.04	
	322299	All other converted paper product manufacturing	X	22 578	.08	
	3222993	Miscellaneous converted paper and paperboard products	X	22 578	.08	
	323110	Commercial lithographic printing	X	8 764	.03	
	323110W	Commercial lithographic printing, nsk, total	X	8 764	.03	
	326140	Polystyrene foam product manufacturing	X	7 343	.02	
	326140W	Polystyrene foam product manufacturing, nsk, total	X	5 502	.02	
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	22 363	.08	
	326150W	Urethane and other foam product (except polystyrene) manufacturing, nsk, total	X	20 260	.07	
	326199	All other plastics product manufacturing	X	42 547	.14	
	3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	X	38 211	.13	
	930000	Receipts for work done for others on their materials	X	28 250	.10	
	9300000	Receipts for work done for others on their materials	X	28 250	.10	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 582	.61	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 582	.61	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	979 304	3.32	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	979 304	3.32	
	999999	All other products made in this industry	X	31 313	.11	
	9999999	All other products made in this industry	X	50 732	.17	
	322212		Folding paperboard box manufacturing	8 195 371	X	100.00
		322130	Paperboard mills	X	D	S
		3221307	Recycled paperboard	X	D	S
		322211	Corrugated and solid fiber box manufacturing	X	132 229	1.61
		3222110	Corrugated and solid fiber boxes, including pallets	X	132 229	1.61
322212		Folding paperboard box manufacturing	X	7 654 121	93.40	
3222120		Folding paperboard boxes, packaging, and packaging components	X	7 654 121	93.40	
322213		Setup paperboard box manufacturing	X	79 400	.97	
3222130		Setup (rigid) paperboard boxes	X	79 400	.97	
322215		Nonfolding sanitary food container manufacturing	X	D	S	
3222153		Cups and liquid-tight paper and paperboard containers	X	D	S	
323110		Commercial lithographic printing	X	14 815	.18	
323110W		Commercial lithographic printing, nsk, total	X	D	S	
323112		Commercial flexographic printing	X	16 981	.21	
3231121		Label and wrapper printing (flexographic)	X	16 981	.21	
326199		All other plastics product manufacturing	X	32 514	.40	
3261994		Plastics packaging (excluding film and sheet, foam, and bottles)	X	24 829	.30	
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	5 701	.07	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 016	.59	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 016	.59	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	166 046	2.03	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	166 046	2.03	
999999		All other products made in this industry	X	33 692	.41	
9999999	All other products made in this industry	X	43 125	.53		
322213		Setup paperboard box manufacturing	640 760	X	100.00	
	322211	Corrugated and solid fiber box manufacturing	X	D	S	
	3222110	Corrugated and solid fiber boxes, including pallets	X	D	S	
	322212	Folding paperboard box manufacturing	X	50 870	7.94	
	3222120	Folding paperboard boxes, packaging, and packaging components	X	50 870	7.94	
	322213	Setup paperboard box manufacturing	X	537 239	83.84	
	3222130	Setup (rigid) paperboard boxes	X	537 239	83.84	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	12 827	2.00	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	12 827	2.00	
	999999	All other products made in this industry	X	16 206	2.53	
	9999999	All other products made in this industry	X	16 206	2.53	
	322214		Fiber can, tube, drum, and similar products manufacturing	2 041 978	X	100.00
		322130	Paperboard mills	X	D	S
3221307		Recycled paperboard	X	D	S	
322211		Corrugated and solid fiber box manufacturing	X	D	S	
3222110		Corrugated and solid fiber boxes, including pallets	X	D	S	
322214		Fiber can, tube, drum, and similar products manufacturing	X	1 834 206	89.82	
3222141		Paperboard fiber drums with ends of any material	X	277 007	13.57	
3222143		Fiber cans, tubes, and similar fiber products	X	1 495 979	73.26	
322214W		Fiber can, tube, drum, and similar products manufacturing, nsk, total	X	61 220	3.00	
322299		All other converted paper product manufacturing	X	22 353	1.09	
3222993		Miscellaneous converted paper and paperboard products	X	22 353	1.09	
332431		Metal can manufacturing	X	D	S	
3324313		Aluminum (including lids, ends, and parts shipped separately)	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	133 151	6.52	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	133 151	6.52	
999999		All other products made in this industry	X	10 069	.49	
9999999		All other products made in this industry	X	11 058	.54	
322215		Nonfolding sanitary food container manufacturing	3 062 311	X	100.00	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
322215		Nonfolding sanitary food container manufacturing—Con.				
	322211	Corrugated and solid fiber box manufacturing	X	D	S	
	3222110	Corrugated and solid fiber boxes, including pallets	X	D	S	
	322215	Nonfolding sanitary food container manufacturing	X	2 735 413	89.33	
	3222151	Milk and milk-type paperboard cartons, including juice, beverage, and other products	X	728 356	23.78	
	3222153	Cups and liquid-tight paper and paperboard containers	X	1 239 657	40.48	
	3222155	Other sanitary paper and paperboard food containers, boards, and trays, except folding	X	D	S	
	322215W	Nonfolding sanitary food container manufacturing, nsk, total	X	D	S	
	322299	All other converted paper product manufacturing	X	D	S	
	3222993	Miscellaneous converted paper and paperboard products	X	D	S	
	326140	Polystyrene foam product manufacturing	X	D	S	
	3261405	Consumer and institutional polystyrene foam products	X	D	S	
	326199	All other plastics product manufacturing	X	152 083	4.97	
	3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	X	D	S	
	3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	X	D	S	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 352	.83	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 352	.83	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	113 734	3.71	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	113 734	3.71	
	999999	All other products made in this industry	X	6 705	.22	
	9999999	All other products made in this industry	X	7 546	.25	
	322221		Coated and laminated packaging paper and plastics film manufacturing	1 175 502	X	100.00
		322211	Corrugated and solid fiber box manufacturing	X	D	S
		3222110	Corrugated and solid fiber boxes, including pallets	X	D	S
		322221	Coated and laminated packaging paper and plastics film manufacturing	X	980 013	83.37
		3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	X	556 426	47.34
3222213		Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	318 121	27.06	
322221W		Coated and laminated packaging paper and plastics film manufacturing, nsk, total	X	105 466	8.97	
322222		Coated and laminated paper manufacturing	X	D	S	
3222229		Other coated and processed papers, except for packaging uses	X	D	S	
322224		Uncoated paper and multiwall bag manufacturing	X	D	S	
3222243		Shipping sacks and multiwall bags, all materials, except textiles	X	D	S	
322225		Laminated aluminum foil manufacturing for flexible packaging uses	X	58 849	5.01	
3222250		Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	X	58 849	5.01	
326111		Plastics bag manufacturing	X	D	S	
3261111		Single-web film specialty bags, pouches, and liners	X	D	S	
326112		Plastics packaging film and sheet (including laminated) manufacturing	X	39 886	3.39	
3261121		Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	9 626	.82	
3261123		Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	30 260	2.57	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	28 721	2.44	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	28 721	2.44	
999999		All other products made in this industry	X	9 739	.83	
9999999		All other products made in this industry	X	16 062	1.37	
322222			Coated and laminated paper manufacturing	11 894 777	X	100.00
		313230	Nonwoven fabric mills	X	D	S
		3132301	Nonwoven fabrics	X	D	S
		313320	Fabric coating mills	X	73 412	.62
		3133201	Vinyl coated fabrics, including expanded vinyl coated	X	D	S
	3133205	Other coated or laminated fabrics and coated yarns	X	D	S	
	322121	Paper (except newsprint) mills	X	D	S	
	3221213	Uncoated freesheet paper (containing not more than 10 percent mechanical fiber)	X	D	S	
	322121A	Packaging and industrial converting paper, except unbleached kraft	X	D	S	
	322121N	Sanitary tissue paper products, made in paper mills	X	D	S	
	322221	Coated and laminated packaging paper and plastics film manufacturing	X	D	S	
	3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	D	S	
	322222	Coated and laminated paper manufacturing	X	10 225 473	85.97	
	3222221	Printing paper, coated at establishments other than where paper was produced	X	D	S	
	3222223	Gummed products	X	258 752	2.18	
	3222225	Pressure-sensitive products	X	6 316 227	53.10	
	3222226	Wallcoverings	X	D	S	
	3222228	Converted foil for nonpackaging applications	X	475 393	4.00	
	3222229	Other coated and processed papers, except for packaging uses	X	1 542 184	12.97	
	322222A	Gift wrap paper	X	417 582	3.51	
	322222W	Coated and laminated paper manufacturing, nsk, total	X	459 159	3.86	
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	X	D	S	
	3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	X	D	S	
	322226	Surface-coated paperboard manufacturing	X	8 507	.07	
	3222260	Pasted, lined, laminated, or surface-coated paperboard	X	8 507	.07	
	322231	Die-cut paper and paperboard office supplies manufacturing	X	D	S	
	3222311	Die-cut paper and paperboard office supplies	X	D	S	
	3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	X	D	S	
	322233	Stationery, tablet, and related product manufacturing	X	6 356	.05	
	3222331	Stationery	X	D	S	
	322299	All other converted paper product manufacturing	X	22 749	.19	
	3222993	Miscellaneous converted paper and paperboard products	X	22 749	.19	
	323112	Commercial flexographic printing	X	21 378	.18	
	3231121	Label and wrapper printing (flexographic)	X	21 378	.18	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
322222		Coated and laminated paper manufacturing—Con.			
	323119	Other commercial printing	X	D	S
	323119C	Other commercial and general job printing (letterpress)	X	D	S
	323121	Tradebinding and related work	X	16 780	.14
	3231215	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	X	16 780	.14
	325199	All other basic organic chemical manufacturing	X	D	S
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	X	D	S
	3259923	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray)	X	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	D	S
	3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	144 848	1.22
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	144 848	1.22
	326121	Unlaminated plastics profile shape manufacturing	X	D	S
	3261210	Unlaminated plastics profile shapes	X	D	S
	326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing	X	D	S
	3261300	Thermosetting plastics laminates (excluding flexible packaging)	X	D	S
	326199	All other plastics product manufacturing	X	112 856	.95
	3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	X	D	S
	326199A	All other reinforced and fiberglass plastics products	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	326199W	All other plastics product manufacturing, nsk, total	X	20 256	.17
	326299	All other rubber product manufacturing	X	35 904	.30
	3262997	All other industrial rubber products	X	32 336	.27
	327910	Abrasive product manufacturing	X	D	S
	3279107	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	X	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	X	D	S
	3313153	Aluminum sheet and strip, including continuous cast	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	3329992	Converted unmounted aluminum foil packaging products	X	D	S
	334613	Magnetic and optical recording media manufacturing	X	D	S
	3346130	Magnetic and optical recording media	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	83 946	.71
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	83 946	.71
	930000	Receipts for work done for others on their materials	X	32 778	.28
	9300000	Receipts for work done for others on their materials	X	32 778	.28
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 304	.21
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 304	.21
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	404 408	3.40
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	404 408	3.40
	999999	All other products made in this industry	X	42 168	.35
	9999999	All other products made in this industry	X	59 128	.50
322223		Plastics, foil, and coated paper bag manufacturing	564 387	X	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	X	14 176	2.51
	3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	X	D	S
	322222	Coated and laminated paper manufacturing	X	D	S
	3222221	Printing paper, coated at establishments other than where paper was produced	X	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	X	447 930	79.37
	3222231	Specialty bags, pouches, and liners, coated and single-web paper	X	121 544	21.54
	3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	X	306 564	54.32
	322223W	Plastics, foil, and coated paper bag manufacturing, nsk, total	X	19 822	3.51
	322224	Uncoated paper and multiwall bag manufacturing	X	D	S
	3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	X	D	S
	323112	Commercial flexographic printing	X	D	S
	3231123	Other commercial and general job printing (flexographic)	X	D	S
	326111	Plastics bag manufacturing	X	11 864	2.10
	3261113	Multiweb film/film combination specialty bags, pouches, and liners	X	8 757	1.55
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	29 528	5.23
	3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	D	S
	3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	6 201	1.10
	9999999	All other products made in this industry	X	12 644	2.24
322224		Uncoated paper and multiwall bag manufacturing	2 187 615	X	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	X	41 577	1.90
	3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	X	41 577	1.90
	322223	Plastics, foil, and coated paper bag manufacturing	X	26 267	1.20
	3222231	Specialty bags, pouches, and liners, coated and single-web paper	X	D	S
	3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	X	D	S
	322224	Uncoated paper and multiwall bag manufacturing	X	2 026 211	92.62
	3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	X	744 994	34.06
	3222243	Shipping sacks and multiwall bags, all materials, except textiles	X	1 254 248	57.33
	322224W	Uncoated paper and multiwall bag manufacturing, nsk, total	X	26 969	1.23
	322299	All other converted paper product manufacturing	X	D	S
	3222993	Miscellaneous converted paper and paperboard products	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
322224		Uncoated paper and multiwall bag manufacturing—Con.			
	326111	Plastics bag manufacturing	X	6 067	.28
	3261111	Single-web film specialty bags, pouches, and liners	X	6 067	.28
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	7 880	.36
	3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	6 236	.29
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	44 921	2.05
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	44 921	2.05
	999999	All other products made in this industry	X	18 188	.83
	9999999	All other products made in this industry	X	19 832	.91
322225		Laminated aluminum foil manufacturing for flexible packaging uses	1 533 770	X	100.00
	322212	Folding paperboard box manufacturing	X	D	S
	3222120	Folding paperboard boxes, packaging, and packaging components	X	D	S
	322221	Coated and laminated packaging paper and plastics film manufacturing	X	92 180	6.01
	3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	X	D	S
	3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	D	S
	322222	Coated and laminated paper manufacturing	X	43 215	2.82
	3222228	Converted foil for nonpackaging applications	X	D	S
	3222229	Other coated and processed papers, except for packaging uses	X	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	X	D	S
	3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	X	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	X	1 156 929	75.43
	3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	X	1 156 929	75.43
	323110	Commercial lithographic printing	X	D	S
	3231103	Label and wrapper printing (lithographic)	X	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	23 182	1.51
	3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	D	S
	3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	D	S
	326160	Plastics bottle manufacturing	X	D	S
	3261600	Plastics bottles	X	D	S
	327910	Abrasive product manufacturing	X	D	S
	327910A	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives	X	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	X	D	S
	3313155	Plain aluminum foil (less than .006 in. thick)	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	18 345	1.20
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	18 345	1.20
	999999	All other products made in this industry	X	23 541	1.53
	9999999	All other products made in this industry	X	26 530	1.73
322226		Surface-coated paperboard manufacturing	886 177	X	100.00
	313320	Fabric coating mills	X	D	S
	3133201	Vinyl coated fabrics, including expanded vinyl coated	X	D	S
	322211	Corrugated and solid fiber box manufacturing	X	D	S
	3222110	Corrugated and solid fiber boxes, including pallets	X	D	S
	322214	Fiber can, tube, drum, and similar products manufacturing	X	D	S
	3222141	Paperboard fiber drums with ends of any material	X	D	S
	322226	Surface-coated paperboard manufacturing	X	810 893	91.50
	3222260	Pasted, lined, laminated, or surface-coated paperboard	X	810 893	91.50
	322299	All other converted paper product manufacturing	X	9 066	1.02
	3222993	Miscellaneous converted paper and paperboard products	X	9 066	1.02
	930000	Receipts for work done for others on their materials	X	5 514	.62
	9300000	Receipts for work done for others on their materials	X	5 514	.62
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	17 603	1.99
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	17 603	1.99
	999999	All other products made in this industry	X	10 579	1.19
	9999999	All other products made in this industry	X	12 458	1.41
322231		Die-cut paper and paperboard office supplies manufacturing	2 867 207	X	100.00
	322222	Coated and laminated paper manufacturing	X	14 565	.51
	3222225	Pressure-sensitive products	X	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	X	2 324 653	81.08
	3222311	Die-cut paper and paperboard office supplies	X	1 107 615	38.63
	3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	X	922 642	32.18
	322231W	Die-cut paper and paperboard office supplies manufacturing, nsk, total	X	294 396	10.27
	322232	Envelope manufacturing	X	30 376	1.06
	3222320	Envelopes, commercial, all types and materials	X	30 376	1.06
	322233	Stationery, tablet, and related product manufacturing	X	D	S
	3222331	Stationery	X	5 928	.21
	3222333	Tablets, pads, and related products	X	D	S
	322299	All other converted paper product manufacturing	X	22 778	.79
	3222993	Miscellaneous converted paper and paperboard products	X	22 778	.79
	323118	Blankbook, looseleaf binders, and devices manufacturing	X	D	S
	3231183	Looseleaf binders, devices, and forms	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total	X	D	S
	339944	Carbon paper and inked ribbon manufacturing	X	D	S
	3399441	Inked ribbons	X	D	S
	930000	Receipts for work done for others on their materials	X	41 543	1.45
	9300000	Receipts for work done for others on their materials	X	41 543	1.45
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	14 499	.51
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	14 499	.51

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
322231	999890	Die-cut paper and paperboard office supplies manufacturing—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	277 321	9.67
	999999	All other products made in this industry	X	277 321	9.67
	9999999	All other products made in this industry	X	17 074	.60
			X	19 863	.69
322232		Envelope manufacturing	3 427 553	X	100.00
	322211	Corrugated and solid fiber box manufacturing	X	D	S
	3222110	Corrugated and solid fiber boxes, including pallets	X	D	S
	322226	Surface-coated paperboard manufacturing	X	D	S
	3222260	Pasted, lined, laminated, or surface-coated paperboard	X	D	S
	322232	Envelope manufacturing	X	3 112 010	90.79
	3222320	Envelopes, commercial, all types and materials	X	3 112 010	90.79
	322233	Stationery, tablet, and related product manufacturing	X	D	S
	3222331	Stationery	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199W	All other plastics product manufacturing, nsk, total	X	D	S
	930000	Receipts for work done for others on their materials	X	8 050	.23
	9300000	Receipts for work done for others on their materials	X	8 050	.23
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	32 586	.95
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	32 586	.95
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	214 421	6.26
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	214 421	6.26
	999999	All other products made in this industry	X	15 850	.46
	9999999	All other products made in this industry	X	15 850	.46
322233		Stationery, tablet, and related product manufacturing	1 736 727	X	100.00
	322231	Die-cut paper and paperboard office supplies manufacturing	X	53 992	3.11
	3222311	Die-cut paper and paperboard office supplies	X	46 311	2.67
	3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	X	7 681	.44
	322232	Envelope manufacturing	X	66 863	3.85
	3222320	Envelopes, commercial, all types and materials	X	66 863	3.85
	322233	Stationery, tablet, and related product manufacturing	X	1 362 231	78.44
	3222331	Stationery	X	311 069	17.91
	3222333	Tablets, pads, and related products	X	930 585	53.58
	322233W	Stationery, tablet, and related product manufacturing, nsk, total	X	120 577	6.94
	322299	All other converted paper product manufacturing	X	D	S
	3222993	Miscellaneous converted paper and paperboard products	X	D	S
	323118	Blankbook, looseleaf binders, and devices manufacturing	X	D	S
	3231181	Blankbook making, except checkbooks	X	D	S
	3231183	Looseleaf binders, devices, and forms	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	146 665	8.44
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	146 665	8.44
	999999	All other products made in this industry	X	10 767	.62
	9999999	All other products made in this industry	X	10 767	.62
322291		Sanitary paper product manufacturing	9 559 179	X	100.00
	313230	Nonwoven fabric mills	X	D	S
	3132301	Nonwoven fabrics	X	D	S
	314912	Canvas and related product mills	X	D	S
	3149120	Canvas and related products	X	D	S
	322110	Pulp mills	X	D	S
	3221103	Sulfate woodpulp, including soda	X	D	S
	3221105	Sulfite and other woodpulp	X	D	S
	322215	Nonfolding sanitary food container manufacturing	X	51 236	.54
	3222153	Cups and liquid-tight paper and paperboard containers	X	D	S
	3222155	Other sanitary paper and paperboard food containers, boards, and trays, except folding	X	D	S
	322222	Coated and laminated paper manufacturing	X	D	S
	3222229	Other coated and processed papers, except for packaging uses	X	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	X	D	S
	3222231	Specialty bags, pouches, and liners, coated and single-web paper	X	D	S
	322291	Sanitary paper product manufacturing	X	8 771 920	91.76
	3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding	X	D	S
	3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	X	D	S
	322291W	Sanitary paper product manufacturing, nsk, total	X	152 066	1.59
	322299	All other converted paper product manufacturing	X	5 873	.06
	323112	Commercial flexographic printing	X	D	S
	3231123	Other commercial and general job printing (flexographic)	X	D	S
	325611	Soap and other detergent manufacturing	X	D	S
	3256117	Soaps, excluding specialty cleaners, household	X	D	S
	325620	Toilet preparation manufacturing	X	D	S
	3256207	Hair preparations (including shampoos)	X	D	S
	325620D	Creams, lotions and oils, excluding shaving, hair, and deodorant	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	326160	Plastics bottle manufacturing	X	D	S
	3261600	Plastics bottles	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	D	S

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of shipments (\$1,000)	Product shipments as percent of total value of shipments	
322291		Sanitary paper product manufacturing—Con.				
	339113	Surgical appliance and supplies manufacturing—Con.				
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	D	S	
	339994	Broom, brush, and mop manufacturing	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	259 779	2.72	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	259 779	2.72	
	999999	All other products made in this industry	X	14 503	.15	
	9999999	All other products made in this industry	X	34 934	.37	
322299		All other converted paper product manufacturing	4 447 797	X	100.00	
	322222	Coated and laminated paper manufacturing	X	5 974	.13	
	3222225	Pressure-sensitive products	X	D	S	
	322226	Surface-coated paperboard manufacturing	X	7 400	.17	
	3222260	Pasted, lined, laminated, or surface-coated paperboard	X	7 400	.17	
	322299	All other converted paper product manufacturing	X	3 943 311	88.66	
	3222991	Molded pulp goods, including egg cartons, florist pots, food trays, etc.	X	381 404	8.58	
	3222993	Miscellaneous converted paper and paperboard products	X	3 094 567	69.58	
	322299W	All other converted paper product manufacturing, nsk, total	X	467 340	10.51	
	323112	Commercial flexographic printing	X	D	S	
	3231121	Label and wrapper printing (flexographic)	X	D	S	
	325620	Toilet preparation manufacturing	X	D	S	
	325620G	Other cosmetics and toilet preparations	X	D	S	
	325991	Custom compounding of purchased resins	X	D	S	
	3259911	Custom compounding of purchased resins and color concentrates	X	D	S	
	326199	All other plastics product manufacturing	X	49 535	1.11	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
	326199W	All other plastics product manufacturing, nsk, total	X	14 803	.33	
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S	
	332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total	X	D	S	
	339941	Pen and mechanical pencil manufacturing	X	D	S	
	3399415	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils	X	D	S	
	930000	Receipts for work done for others on their materials	X	81 690	1.84	
	9300000	Receipts for work done for others on their materials	X	81 690	1.84	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 550	.51	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 550	.51	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	222 842	5.01	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	222 842	5.01	
	999999	All other products made in this industry	X	36 474	.82	
	9999999	All other products made in this industry	X	38 064	.86	
	323110		Commercial lithographic printing	50 149 133	X	100.00
		322212	Folding paperboard box manufacturing	X	D	S
		3222120	Folding paperboard boxes, packaging, and packaging components	X	D	S
		322231	Die-cut paper and paperboard office supplies manufacturing	X	D	S
		3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	X	D	S
		323110	Commercial lithographic printing	X	44 262 465	88.26
		3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	X	6 184 712	12.33
		3231103	Label and wrapper printing (lithographic)	X	1 944 396	3.88
		3231105	Catalog and directory printing (lithographic)	X	4 205 062	8.39
		3231107	Financial and legal printing (lithographic)	X	2 256 979	4.50
		3231109	Advertising printing (lithographic)	X	13 014 933	25.95
		323110B	Other commercial and general job printing (lithographic)	X	7 535 021	15.03
		323110W	Commercial lithographic printing, nsk, total	X	9 121 362	18.19
		323111	Commercial gravure printing	X	266 039	.53
		3231111	Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	X	D	S
3231113		Label and wrapper printing (gravure)	X	38 509	.08	
3231115		Catalog and directory printing (gravure)	X	D	S	
3231117		Advertising printing (gravure)	X	D	S	
3231119		Other commercial and general job printing (gravure)	X	5 289	.01	
323112		Commercial flexographic printing	X	377 023	.75	
3231121		Label and wrapper printing (flexographic)	X	227 235	.45	
3231123		Other commercial and general job printing (flexographic)	X	147 938	.29	
323113		Commercial screen printing	X	112 323	.22	
3231132		Screen printed labels	X	25 009	.05	
3231134		Screen printing on garments, apparel accessories, and other fabric articles, except labels	X	20 115	.04	
3231136		Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	67 199	.13	
323114		Quick printing	X	249 674	.50	
3231140		Quick printing	X	249 674	.50	
323115		Digital printing	X	317 949	.63	
3231150		Digital printing	X	317 949	.63	
323116		Manifold business forms printing	X	171 595	.34	
3231161		Unit set business forms, loose or bound	X	77 014	.15	
3231165		Custom continuous business forms	X	61 895	.12	
3231167		Stock continuous business forms	X	D	S	
3231169		Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut)	X	10 075	.02	
323117	Books printing	X	329 369	.66		
3231171	Textbook printing and binding	X	D	S		
3231173	Technical, scientific, and professional book printing and binding	X	70 542	.14		
3231175	Religious book printing and binding	X	27 716	.06		
3231177	General book (trade, etc.) printing and binding	X	D	S		

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
323110		Commercial lithographic printing—Con.				
		Books printing—Con.				
	323117	Other book printing and binding	X	69 651	.14	
	323117A	Books, printing only, not bound	X	D	S	
	323117C	Pamphlets, printing only or printing and binding (excluding advertising pamphlets)	X	51 396	.10	
	323117W	Books printing, nsk, total	X	D	S	
	323119	Other commercial printing	X	210 338	.42	
	3231193	Label and wrapper printing (letterpress)	X	36 260	.07	
	3231199	Advertising printing (letterpress)	X	22 094	.04	
	323119C	Other commercial and general job printing (letterpress)	X	112 894	.23	
	323119E	Engraving (printing)	X	30 246	.06	
	323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	X	7 224	.01	
	323121	Tradebinding and related work	X	377 334	.75	
	3231215	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	X	93 129	.19	
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	X	272 538	.54	
	323121W	Tradebinding and related work, nsk, total	X	9 916	.02	
	323122	Prepress services	X	753 330	1.50	
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	520 703	1.04	
	3231223	Printing plates, prepared for printing (excluding blank plates)	X	221 381	.44	
	323122W	Prepress services, nsk, total	X	11 246	.02	
	339941	Pen and mechanical pencil manufacturing	X	D	S	
	3399415	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils	X	43 789	.09	
	339950	Sign manufacturing	X	19 319	.04	
	3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	D	S	
	3399505	Advertising specialties	X	943 220	1.88	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	943 220	1.88	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	1 658 289	3.31	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 658 289	3.31	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	40 074	.08	
	999999	All other products made in this industry	X	57 757	.12	
	9999999	All other products made in this industry	X			
	323111		Commercial gravure printing	3 551 582	X	100.00
		322225	Laminated aluminum foil manufacturing for flexible packaging uses	X	D	S
		3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	X	D	S
		323110	Commercial lithographic printing	X	318 484	8.97
		3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	X	D	S
		3231103	Label and wrapper printing (lithographic)	X	27 534	.78
		3231105	Catalog and directory printing (lithographic)	X	D	S
		3231109	Advertising printing (lithographic)	X	64 972	1.83
		323110B	Other commercial and general job printing (lithographic)	X	6 483	.18
		323111	Commercial gravure printing	X	2 947 100	82.98
		3231111	Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	X	D	S
		3231113	Label and wrapper printing (gravure)	X	D	S
		3231115	Catalog and directory printing (gravure)	X	642 217	18.08
		3231117	Advertising printing (gravure)	X	872 657	24.57
3231119		Other commercial and general job printing (gravure)	X	179 085	5.04	
323111W		Commercial gravure printing, nsk, total	X	183 948	5.18	
323112		Commercial flexographic printing	X	15 338	.43	
3231121		Label and wrapper printing (flexographic)	X	12 898	.36	
323117		Books printing	X	D	S	
3231177		General book (trade, etc.) printing and binding	X	D	S	
323119		Other commercial printing	X	6 840	.19	
323121		Tradebinding and related work	X	D	S	
3231215		Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	X	D	S	
323122		Prepress services	X	38 755	1.09	
3231223		Printing plates, prepared for printing (excluding blank plates)	X	D	S	
326112		Plastics packaging film and sheet (including laminated) manufacturing	X	D	S	
326112W		Plastics packaging film and sheet (including laminated) manufacturing, nsk, total	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	57 985	1.63	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	57 985	1.63	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	38 003	1.07	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	38 003	1.07	
999999		All other products made in this industry	X	20 574	.58	
9999999		All other products made in this industry	X	37 254	1.05	
323112			Commercial flexographic printing	5 402 416	X	100.00
		322222	Coated and laminated paper manufacturing	X	21 988	.41
		3222225	Pressure-sensitive products	X	21 759	.40
		322223	Plastics, foil, and coated paper bag manufacturing	X	D	S
		3222231	Specialty bags, pouches, and liners, coated and single-web paper	X	D	S
		322231	Die-cut paper and paperboard office supplies manufacturing	X	D	S
		3222311	Die-cut paper and paperboard office supplies	X	D	S
		322299	All other converted paper product manufacturing	X	D	S
		3222993	Miscellaneous converted paper and paperboard products	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
323112		Commercial flexographic printing—Con.				
	323110	Commercial lithographic printing	X	160 911	2.98	
	3231103	Label and wrapper printing (lithographic)	X	105 033	1.94	
	3231109	Advertising printing (lithographic)	X	8 305	.15	
	323110B	Other commercial and general job printing (lithographic)	X	40 730	.75	
	323111	Commercial gravure printing	X	28 532	.53	
	3231113	Label and wrapper printing (gravure)	X	28 394	.53	
	323112	Commercial flexographic printing	X	4 543 438	84.10	
	3231121	Label and wrapper printing (flexographic)	X	3 664 522	67.83	
	3231123	Other commercial and general job printing (flexographic)	X	439 593	8.14	
	323112W	Commercial flexographic printing, nsk, total	X	439 323	8.13	
	323113	Commercial screen printing	X	63 284	1.17	
	3231132	Screen printed labels	X	51 647	.96	
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	11 245	.21	
	323114	Quick printing	X	D	S	
	3231140	Quick printing	X	D	S	
	323115	Digital printing	X	18 402	.34	
	3231150	Digital printing	X	18 402	.34	
	323116	Manifold business forms printing	X	D	S	
	3231161	Unit set business forms, loose or bound	X	D	S	
	3231165	Custom continuous business forms	X	8 579	.16	
	323119	Other commercial printing	X	71 151	1.32	
	3231193	Label and wrapper printing (letterpress)	X	52 842	.98	
	323119C	Other commercial and general job printing (letterpress)	X	5 547	.10	
	323121	Tradebinding and related work	X	15 675	.29	
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	X	14 624	.27	
	323122	Prepress services	X	48 050	.89	
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	14 440	.27	
	3231223	Printing plates, prepared for printing (excluding blank plates)	X	33 610	.62	
	334119	Other computer peripheral equipment manufacturing	X	D	S	
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S	
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S	
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S	
	339943	Marking device manufacturing	X	D	S	
	3399430	Marking devices	X	D	S	
	339944	Carbon paper and inked ribbon manufacturing	X	D	S	
	3399441	Inked ribbons	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	36 447	.67	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	36 447	.67	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	214 616	3.97	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	214 616	3.97	
	999999	All other products made in this industry	X	14 314	.26	
	9999999	All other products made in this industry	X	39 427	.73	
	323113		Commercial screen printing	6 987 350	X	100.00
		313222	Schiffli machine embroidery	X	D	S
		3132220	Schiffli machine embroideries	X	D	S
		314999	All other miscellaneous textile product mills	X	52 440	.75
		3149995	Embroideries (excluding Schiffli machine products)	X	51 536	.74
		315211	Men's and boys' cut and sew apparel contractors	X	D	S
		315211A	Contract receipts for men's and boys' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories	X	D	S
		315232	Women's and girls' cut and sew blouse and shirt manufacturing	X	D	S
		3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	D	S
		323110	Commercial lithographic printing	X	80 772	1.16
3231103		Label and wrapper printing (lithographic)	X	14 549	.21	
3231109		Advertising printing (lithographic)	X	49 714	.71	
323110B		Other commercial and general job printing (lithographic)	X	15 607	.22	
323111		Commercial gravure printing	X	D	S	
3231113		Label and wrapper printing (gravure)	X	D	S	
323112		Commercial flexographic printing	X	65 072	.93	
3231121		Label and wrapper printing (flexographic)	X	58 421	.84	
3231123		Other commercial and general job printing (flexographic)	X	6 651	.10	
323113		Commercial screen printing	X	6 024 034	86.21	
3231132		Screen printed labels	X	697 965	9.99	
3231134		Screen printing on garments, apparel accessories, and other fabric articles, except labels	X	2 005 024	28.70	
3231136		Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	1 949 870	27.91	
323113W		Commercial screen printing, nsk, total	X	1 371 175	19.62	
323115		Digital printing	X	66 674	.95	
3231150		Digital printing	X	66 674	.95	
323119		Other commercial printing	X	22 460	.32	
3231193		Label and wrapper printing (letterpress)	X	D	S	
323122		Prepress services	X	13 287	.19	
3231221		Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	8 723	.12	
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	13 069	.19	
3328120		Metal coating, engraving, and allied services	X	13 069	.19	
339950		Sign manufacturing	X	70 388	1.01	
3399503		Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	64 820	.93	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 938	.89	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 938	.89	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	456 727	6.54	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	456 727	6.54	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
323113		Commercial screen printing—Con.			
	999999	All other products made in this industry	X	26 237	.38
	9999999	All other products made in this industry	X	46 351	.66
323114		Quick printing	4 512 884	X	100.00
	323110	Commercial lithographic printing	X	89 042	1.97
	3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)			
	3231103	Label and wrapper printing (lithographic)	X	8 859	.20
	3231105	Catalog and directory printing (lithographic)	X	5 646	.13
	3231107	Financial and legal printing (lithographic)	X	5 727	.13
	3231109	Advertising printing (lithographic)	X	5 703	.13
	323110B	Other commercial and general job printing (lithographic)	X	24 623	.55
	323114	Quick printing	X	37 040	.82
	3231140	Quick printing	X	3 375 722	74.80
	323115	Digital printing	X	3 375 722	74.80
	3231150	Digital printing	X	443 828	9.83
	323119	Other commercial printing	X	443 828	9.83
	323121	Tradebinding and related work	X	13 819	.31
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	X	43 687	.97
	323122	Prepress services	X	38 364	.85
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	59 060	1.31
	3231223	Printing plates, prepared for printing (excluding blank plates)	X	47 488	1.05
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 447	.25
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	238 027	5.27
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	238 027	5.27
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	229 464	5.08
	999999	All other products made in this industry	X	229 464	5.08
	9999999	All other products made in this industry	X	20 235	.45
	9999999	All other products made in this industry	X	40 946	.91
323115		Digital printing	2 392 958	X	100.00
	323110	Commercial lithographic printing	X	121 383	5.07
	3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)			
	3231103	Label and wrapper printing (lithographic)	X	34 987	1.46
	3231107	Financial and legal printing (lithographic)	X	5 971	.25
	3231109	Advertising printing (lithographic)	X	19 166	.80
	323110B	Other commercial and general job printing (lithographic)	X	22 231	.93
	323113	Commercial screen printing	X	30 388	1.27
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	8 431	.35
	323114	Quick printing	X	7 737	.32
	3231140	Quick printing	X	64 337	2.69
	323115	Digital printing	X	64 337	2.69
	3231150	Digital printing	X	1 796 315	75.07
	323116	Manifold business forms printing	X	1 796 315	75.07
	3231165	Custom continuous business forms	X	12 424	.52
	323117	Books printing	X	D	S
	3231173	Technical, scientific, and professional book printing and binding	X	8 319	.35
	323119	Other commercial printing	X	D	S
	323121	Tradebinding and related work	X	11 630	.49
	3231215	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	X	25 233	1.05
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	X	6 924	.29
	323122	Prepress services	X	18 016	.75
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	34 794	1.45
	3231223	Printing plates, prepared for printing (excluding blank plates)	X	29 207	1.22
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 538	.23
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	202 154	8.45
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	202 154	8.45
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	102 895	4.30
	999999	All other products made in this industry	X	102 895	4.30
	9999999	All other products made in this industry	X	5 043	.21
	9999999	All other products made in this industry	X	34 459	1.44
323116		Manifold business forms printing	7 782 972	X	100.00
	322231	Die-cut paper and paperboard office supplies manufacturing	X	56 026	.72
	3222311	Die-cut paper and paperboard office supplies	X	14 591	.19
	3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	X	41 435	.53
	322233	Stationery, tablet, and related product manufacturing	X	D	S
	322299	All other converted paper product manufacturing	X	D	S
	3222993	Miscellaneous converted paper and paperboard products	X	D	S
	323110	Commercial lithographic printing	X	332 209	4.27
	3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)			
	3231103	Label and wrapper printing (lithographic)	X	D	S
	3231107	Financial and legal printing (lithographic)	X	19 516	.25
	3231109	Advertising printing (lithographic)	X	59 518	.76
	323110B	Other commercial and general job printing (lithographic)	X	30 966	.40
	323112	Commercial flexographic printing	X	214 297	2.75
	3231121	Label and wrapper printing (flexographic)	X	25 046	.32
	323114	Quick printing	X	20 975	.27
	3231140	Quick printing	X	17 830	.23
	323115	Digital printing	X	17 830	.23
	3231150	Digital printing	X	77 635	1.00
	323116	Manifold business forms printing	X	77 635	1.00
	323116	Manifold business forms printing	X	6 431 391	82.63

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
323116		Manifold business forms printing—Con.			
		Manifold business forms printing—Con.			
	3231166	Unit set business forms, loose or bound	X	1 101 425	14.15
	3231163	Manifold books and pegboard accounting systems	X	90 649	1.16
	3231165	Custom continuous business forms	X	1 752 500	22.52
	3231167	Stock continuous business forms	X	660 507	8.49
	3231169	Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut)	X	1 578 773	20.28
	323116W	Manifold business forms printing, nsk, total	X	1 247 537	16.03
	323117	Books printing	X	D	S
	3231171	Textbook printing and binding	X	D	S
	323119	Other commercial printing	X	30 955	.40
	323119C	Other commercial and general job printing (letterpress)	X	27 763	.36
	323121	Tradebinding and related work	X	6 598	.08
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	X	5 897	.08
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	192 719	2.48
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	192 719	2.48
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	562 863	7.23
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	562 863	7.23
	999999	All other products made in this industry	X	15 670	.20
	9999999	All other products made in this industry	X	30 141	.39
323117		Books printing	4 856 203	X	100.00
	323110	Commercial lithographic printing	X	274 190	5.65
	3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	X	45 293	.93
	3231105	Catalog and directory printing (lithographic)	X	D	S
	3231107	Financial and legal printing (lithographic)	X	D	S
	3231109	Advertising printing (lithographic)	X	45 355	.93
	323110B	Other commercial and general job printing (lithographic)	X	52 447	1.08
	323110W	Commercial lithographic printing, nsk, total	X	D	S
	323111	Commercial gravure printing	X	D	S
	3231115	Catalog and directory printing (gravure)	X	D	S
	3231117	Advertising printing (gravure)	X	D	S
	323115	Digital printing	X	17 075	.35
	3231150	Digital printing	X	17 075	.35
	323117	Books printing	X	4 317 461	88.91
	3231171	Textbook printing and binding	X	1 093 536	22.52
	3231173	Technical, scientific, and professional book printing and binding	X	450 633	9.28
	3231175	Religious book printing and binding	X	298 886	6.15
	3231177	General book (trade, etc.) printing and binding	X	1 123 329	23.13
	3231179	Other book printing and binding	X	786 470	16.20
	323117A	Books, printing only, not bound	X	D	S
	323117C	Pamphlets, printing only or printing and binding (excluding advertising pamphlets)	X	47 609	.98
	323117W	Books printing, nsk, total	X	D	S
	323119	Other commercial printing	X	D	S
	323119C	Other commercial and general job printing (letterpress)	X	5 286	.11
	323121	Tradebinding and related work	X	20 285	.42
	3231211	Edition, library, and other hardcover binding of books (printed elsewhere)	X	6 944	.14
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	X	9 316	.19
	323122	Prepress services	X	15 898	.33
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	15 206	.31
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	76 989	1.59
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	76 989	1.59
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 161	1.12
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 161	1.12
	999999	All other products made in this industry	X	12 210	.25
	9999999	All other products made in this industry	X	24 035	.49
323118		Blankbook, looseleaf binders, and devices manufacturing	1 763 202	X	100.00
	316993	Personal leather good (except women's handbag and purse) manufacturing	X	D	S
	3169930	All other personal leather goods	X	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	X	D	S
	3222311	Die-cut paper and paperboard office supplies	X	D	S
	322233	Stationery, tablet, and related product manufacturing	X	15 357	.87
	3222331	Stationery	X	5 708	.32
	3222333	Tablets, pads, and related products	X	9 649	.55
	323110	Commercial lithographic printing	X	D	S
	323110B	Other commercial and general job printing (lithographic)	X	D	S
	323118	Blankbook, looseleaf binders, and devices manufacturing	X	1 370 358	77.72
	3231181	Blankbook making, except checkbooks	X	365 622	20.74
	3231183	Looseleaf binders, devices, and forms	X	817 614	46.37
	323118W	Blankbook, looseleaf binders and devices manufacturing, nsk, total	X	187 122	10.61
	323121	Tradebinding and related work	X	12 114	.69
	3231215	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	339942	Lead pencil and art good manufacturing	X	D	S
	3399423	Artists' equipment and materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 711	.32
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 711	.32

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
323118	999890	Blankbook, looseleaf binders, and devices manufacturing—Con.			
		Sales of products bought and sold without further manufacture, processing, or assembly	X	258 770	14.68
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	258 770	14.68
	999999	All other products made in this industry	X	12 015	.68
	9999999	All other products made in this industry	X	17 214	.98
323119		Other commercial printing	2 602 539	X	100.00
	322299	All other converted paper product manufacturing	X	7 465	.29
	3222993	Miscellaneous converted paper and paperboard products	X	7 416	.28
	323110	Commercial lithographic printing	X	80 304	3.09
	3231103	Label and wrapper printing (lithographic)	X	15 247	.59
	3231107	Financial and legal printing (lithographic)	X	D	S
	3231109	Advertising printing (lithographic)	X	14 884	.57
	323110B	Other commercial and general job printing (lithographic)	X	28 612	1.10
	323110W	Commercial lithographic printing, nsk, total	X	D	S
	323112	Commercial flexographic printing	X	48 755	1.87
	3231121	Label and wrapper printing (flexographic)	X	D	S
	3231123	Other commercial and general job printing (flexographic)	X	D	S
	323113	Commercial screen printing	X	21 127	.81
	3231134	Screen printing on garments, apparel accessories, and other fabric articles, except labels	X	7 742	.30
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	8 242	.32
	323114	Quick printing	X	15 098	.58
	3231140	Quick printing	X	15 098	.58
	323115	Digital printing	X	16 988	.65
	3231150	Digital printing	X	16 988	.65
	323116	Manifold business forms printing	X	D	S
	3231161	Unit set business forms, loose or bound	X	D	S
	3231165	Custom continuous business forms	X	D	S
	323119	Other commercial printing	X	2 136 492	82.09
	3231193	Label and wrapper printing (letterpress)	X	227 475	8.74
	3231199	Advertising printing (letterpress)	X	284 177	10.92
	323119C	Other commercial and general job printing (letterpress)	X	372 763	14.32
	323119E	Engraving (printing)	X	99 477	3.82
	323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	X	78 702	3.02
	323119W	Other commercial printing, nsk, total	X	1 073 898	41.26
	323122	Prepress services	X	D	S
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	7 050	.27
	339950	Sign manufacturing	X	5 926	.23
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 703	2.37
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 703	2.37
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	160 485	6.17
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	160 485	6.17
	999999	All other products made in this industry	X	20 070	.77
	9999999	All other products made in this industry	X	43 328	1.66
323121		Tradebinding and related work	1 994 736	X	100.00
	322231	Die-cut paper and paperboard office supplies manufacturing	X	6 544	.33
	3222311	Die-cut paper and paperboard office supplies	X	6 544	.33
	323110	Commercial lithographic printing	X	55 981	2.81
	3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	X	D	S
	3231109	Advertising printing (lithographic)	X	D	S
	323110B	Other commercial and general job printing (lithographic)	X	20 000	1.00
	323115	Digital printing	X	7 210	.36
	3231150	Digital printing	X	7 210	.36
	323116	Manifold business forms printing	X	D	S
	323117	Books printing	X	11 940	.60
	323118	Blankbook, looseleaf binders, and devices manufacturing	X	D	S
	3231183	Looseleaf binders, devices, and forms	X	D	S
	323121	Tradebinding and related work	X	1 776 602	89.06
	3231211	Edition, library, and other hardcover binding of books (printed elsewhere)	X	331 774	16.63
	3231215	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	X	520 619	26.10
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	X	543 293	27.24
	323121W	Tradebinding and related work, nsk, total	X	380 916	19.10
	323122	Prepress services	X	16 825	.84
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	13 569	.68
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	31 385	1.57
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	31 385	1.57
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	50 609	2.54
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	50 609	2.54
	999999	All other products made in this industry	X	16 308	.82
	9999999	All other products made in this industry	X	47 714	2.39
323122		Prepress services	3 388 763	X	100.00
	323110	Commercial lithographic printing	X	71 649	2.11
	3231107	Financial and legal printing (lithographic)	X	D	S
	3231109	Advertising printing (lithographic)	X	27 924	.82
	323110B	Other commercial and general job printing (lithographic)	X	21 475	.63
	323114	Quick printing	X	D	S
	3231140	Quick printing	X	D	S
	323115	Digital printing	X	48 128	1.42
	3231150	Digital printing	X	48 128	1.42

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
323122		Prepress services—Con.			
	323119	Other commercial printing	X	7 796	.23
	323121	Tradebinding and related work	X	D	S
	323122	Prepress services	X	3 072 125	90.66
	3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	X	1 892 143	55.84
	3231223	Printing plates, prepared for printing (excluding blank plates)	X	493 549	14.56
	323122W	Prepress services, nsk, total	X	686 433	20.26
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	103 951	3.07
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	103 951	3.07
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	64 484	1.90
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	64 484	1.90
	999999	All other products made in this industry	X	8 026	.24
	9999999	All other products made in this industry	X	33 078	.98
324110		Petroleum refineries	193 522 959	X	100.00
	211111	Crude petroleum and natural gas extraction	X	D	S
	2111113	Natural gas	X	D	S
	211112	Natural gas liquid extraction	X	D	S
	2111124	Recovered elemental sulfur from natural gas	X	D	S
	324110	Petroleum refineries	X	D	S
	3241101	Gasoline, including finished base stocks and blending agents	X	186 401 949	96.32
	3241104	Jet fuel	X	95 950 813	49.58
	3241107	Kerosene, excluding jet fuel	X	D	S
	324110A	Light fuel oils	X	749 518	.39
	324110D	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.	X	D	S
	324110G	Petroleum lubricating oils and greases, made in a refinery	X	1 154 236	.60
	324110J	Unfinished oils and lubricating oil base stock	X	8 434 654	4.36
	324110M	Asphalt	X	4 299 025	2.22
	324110P	Liquefied refinery gases (aliphatics), made in a refinery	X	6 431 997	3.32
	324110T	Other finished petroleum products, including waxes, made in a refinery	X	D	S
	324110W	Petroleum refineries, nsk, total	X	198 418	.10
	324191	Petroleum lubricating oil and grease manufacturing	X	D	S
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	D	S
	324199	All other petroleum and coal products manufacturing	X	D	S
	3241991	Coke oven and blast furnace products, made in coke oven establishments	X	D	S
	325110	Petrochemical manufacturing	X	1 029 851	.53
	3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	X	D	S
	3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants	X	D	S
	325120	Industrial gas manufacturing	X	D	S
	3251204	Carbon dioxide	X	D	S
	325188	All other basic inorganic chemical manufacturing	X	221 583	.11
	3251881	Sulfuric acid	X	130 775	.07
	3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric	X	D	S
	3251887	Other inorganic aluminum compounds	X	D	S
	325188D	Chemical catalytic preparations, excluding silica gel catalyst	X	D	S
	325188H	All other inorganic chemicals	X	D	S
	325199	All other basic organic chemical manufacturing	X	758 729	.39
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	757 565	.39
	325613	Surface active agent manufacturing	X	D	S
	3256130	Surfactants, finishing agents, and assistants	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	4 139 779	2.14
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	4 139 779	2.14
	999999	All other products made in this industry	X	6 682	.01
	9999999	All other products made in this industry	X	19 922	.01
324121		Asphalt paving mixture and block manufacturing	7 494 692	X	100.00
	212312	Crushed and broken limestone mining and quarrying	X	47 958	.64
	2123120	Crushed and broken limestone	X	47 958	.64
	212313	Crushed and broken granite mining and quarrying	X	D	S
	2123130	Crushed and broken granite	X	D	S
	212319	Other crushed and broken stone mining and quarrying	X	81 507	1.09
	2123190	Bituminous limestone, bituminous sandstone, and other crushed and broken stone	X	81 507	1.09
	212321	Construction sand and gravel mining	X	57 931	.77
	2123213	Construction sand and gravel (washed, screened, or otherwise treated)	X	D	S
	212321W	Construction sand and gravel mining, nsk	X	50 549	.67
	324121	Asphalt paving mixture and block manufacturing	X	6 951 511	92.75
	3241210	Asphalt paving mixtures and blocks	X	6 951 511	92.75
	324122	Asphalt shingle and coating materials manufacturing	X	24 428	.33
	3241221	Roofing asphalts and pitches, coatings, and cements	X	D	S
	327320	Ready-mix concrete manufacturing	X	52 135	.70
	3273200	Ready-mix concrete	X	52 135	.70
	327999	All other nonmetallic mineral product manufacturing	X	D	S
	3279990	All other nonmetallic mineral products	X	D	S
	930000	Receipts for work done for others on their materials	X	41 948	.56
	9300000	Receipts for work done for others on their materials	X	41 948	.56
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	51 426	.69
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	51 426	.69
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	157 275	2.10
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	157 275	2.10
	999999	All other products made in this industry	X	15 961	.21
	9999999	All other products made in this industry	X	18 889	.25

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
324122		Asphalt shingle and coating materials manufacturing	5 949 697	X	100.00	
	313320	Fabric coating mills	X	D	S	
	3133205	Other coated or laminated fabrics and coated yarns	X	D	S	
	322121	Paper (except newsprint) mills	X	37 139	.62	
	322121E	Construction paper	X	37 139	.62	
	324110	Petroleum refineries	X	D	S	
	3241101	Gasoline, including finished base stocks and blending agents	X	D	S	
	324110A	Light fuel oils	X	D	S	
	324121	Asphalt paving mixture and block manufacturing	X	55 085	.93	
	3241210	Asphalt paving mixtures and blocks	X	55 085	.93	
	324122	Asphalt shingle and coating materials manufacturing	X	5 477 818	92.07	
	3241221	Roofing asphalts and pitches, coatings, and cements	X	886 862	14.91	
	3241222	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use	X	4 434 203	74.53	
	324122W	Asphalt shingle and coating materials manufacturing, nsk, total	X	156 753	2.63	
	325199	All other basic organic chemical manufacturing	X	D	S	
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S	
	325520	Adhesive manufacturing	X	D	S	
	325520A	Nonstructural caulking compounds and sealants	X	D	S	
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S	
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S	
	326199	All other plastics product manufacturing	X	D	S	
	326199A	All other reinforced and fiberglass plastics products	X	D	S	
	327215	Glass product manufacturing made of purchased glass	X	D	S	
	327215B	Other glass products, made from purchased glass	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	212 616	3.57	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	212 616	3.57	
	999999	All other products made in this industry	X	17 369	.29	
	9999999	All other products made in this industry	X	17 369	.29	
	324191		Petroleum lubricating oil and grease manufacturing	6 433 439	X	100.00
		324110	Petroleum refineries	X	69 805	1.09
		3241101	Gasoline, including finished base stocks and blending agents	X	D	S
		324110J	Unfinished oils and lubricating oil base stock	X	27 337	.42
		324191	Petroleum lubricating oil and grease manufacturing	X	5 944 167	92.39
		3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	5 944 167	92.39
		324199	All other petroleum and coal products manufacturing	X	D	S
		3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	X	D	S
		325199	All other basic organic chemical manufacturing	X	D	S
		325199R	Other synthetic organic chemical manufacturing	X	D	S
		325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	12 247	.19
		325612	Polish and other sanitation good manufacturing	X	D	S
325613		Surface active agent manufacturing	X	D	S	
3256130		Surfactants, finishing agents, and assistants	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	29 274	.46	
325998E		Automotive chemicals	X	D	S	
325998J		All other chemical preparations, including essential oils and water-treating compounds	X	D	S	
327910		Abrasive product manufacturing	X	D	S	
3279104		Nonmetallic abrasive products (including diamond abrasives)	X	D	S	
333618		Other engine equipment manufacturing	X	D	S	
3336185		Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	174 799	2.72	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	174 799	2.72	
999999		All other products made in this industry	X	24 820	.39	
9999999		All other products made in this industry	X	37 663	.59	
324199			All other petroleum and coal products manufacturing	1 782 313	X	100.00
		324199	All other petroleum and coal products manufacturing	X	1 666 631	93.51
		3241991	Coke oven and blast furnace products, made in coke oven establishments	X	D	S
		3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	X	D	S
		324199W	All other petroleum and coal products manufacturing, nsk, total	X	102 317	5.74
		325188	All other basic inorganic chemical manufacturing	X	D	S
		325188A	Potassium and sodium compounds, excluding bleaches, alkalis, and alum.	X	D	S
		325199	All other basic organic chemical manufacturing	X	D	S
		325211	Plastics material and resin manufacturing	X	D	S
		3252114	Thermosetting resins and plastics materials	X	D	S
		999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
		9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	57 718	3.24
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	57 718	3.24
		999999	All other products made in this industry	X	16 471	.92
	9999999	All other products made in this industry	X	22 204	1.25	
	325110		Petrochemical manufacturing	21 084 070	X	100.00
		324110	Petroleum refineries	X	D	S
3241101		Gasoline, including finished base stocks and blending agents	X	D	S	
3241104		Jet fuel	X	D	S	
324110P		Liquefied refinery gases (aliphatics), made in a refinery	X	D	S	
324199		All other petroleum and coal products manufacturing	X	D	S	
3241992		All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	X	D	S	
325110		Petrochemical manufacturing	X	14 187 570	67.29	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
325110		Petrochemical manufacturing—Con.				
		Petrochemical manufacturing—Con.				
	3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	X	6 902 421	32.74	
	3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants	X	7 145 565	33.89	
	325110W	Petrochemical manufacturing nsk, total	X	D	S	
	325120	Industrial gas manufacturing	X	D	S	
	325120C	Argon and hydrogen	X	D	S	
	325120G	Fluorocarbon gases	X	D	S	
	325192	Cyclic crude and intermediate manufacturing	X	D	S	
	3251921	Cyclic (coal tar) intermediates	X	D	S	
	3251924	Tar, tar crudes, and tar pitches	X	D	S	
	325199	All other basic organic chemical manufacturing	X	2 289 385	10.86	
	325199E	Natural organic chemicals	X	D	S	
	325199G	Synthetic organic alcohols, unmixed	X	D	S	
	325199K	Synthetic organic rubber-processing chemicals	X	D	S	
	325199R	Other synthetic organic chemicals	X	D	S	
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S	
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S	
	325211	Plastics material and resin manufacturing	X	D	S	
	3252111	Thermoplastic resins and plastics materials	X	D	S	
	3252114	Thermosetting resins and plastics materials	X	D	S	
	325212	Synthetic rubber manufacturing	X	D	S	
	3252120	Synthetic rubber (vulcanizable elastomers)	X	D	S	
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S	
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	7 873	.04	
	9999999	All other products made in this industry	X	8 841	.04	
	325120		Industrial gas manufacturing	5 906 227	X	100.00
			Industrial gas manufacturing		5 418 797	91.75
		3251201	Acetylene	X	D	S
		3251204	Carbon dioxide	X	364 206	6.17
		3251207	Nitrogen	X	1 148 633	19.45
		325120A	Oxygen	X	D	S
325120C		Argon and hydrogen	X	1 580 135	26.75	
325120G		Fluorocarbon gases	X	472 639	8.00	
325120J		Other industrial gases	X	D	S	
325120W		Industrial gas manufacturing, nsk, total	X	387 174	6.56	
325188		All other basic inorganic chemical manufacturing	X	D	S	
3251884		Inorganic acids, excluding nitric, sulfuric and phosphoric	X	D	S	
325188W		All other basic inorganic chemical manufacturing, nsk, total	X	D	S	
325192		Cyclic crude and intermediate manufacturing	X	D	S	
3251921		Cyclic (coal tar) intermediates	X	D	S	
325199		All other basic organic chemical manufacturing	X	D	S	
325199T		Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S	
325613		Surface active agent manufacturing	X	D	S	
3256130		Surfactants, finishing agents, and assistants	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	114 847	1.94	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	114 847	1.94	
999999		All other products made in this industry	X	2 937	.05	
9999999		All other products made in this industry	X	2 937	.05	
325131			Inorganic dye and pigment manufacturing	3 573 308	X	100.00
			Inorganic dye and pigment manufacturing		3 440 894	96.29
		3251311	Titanium dioxide, composite and pure	X	D	S
		3251314	Other white opaque pigments	X	D	S
		3251317	Chrome colors and other inorganic pigments	X	842 551	23.58
		325131W	Inorganic dye and pigment manufacturing, nsk, total	X	68 343	1.91
		325188	All other basic inorganic chemical manufacturing	X	D	S
		325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S	
	325998W	All other miscellaneous chemical product and preparation manufacturing, nsk, total	X	D	S	
	327420	Gypsum product manufacturing	X	D	S	
	3274205	Other gypsum products	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	7 063	.20	
	9999999	All other products made in this industry	X	17 514	.49	
	325132		Synthetic organic dye and pigment manufacturing	2 816 169	X	100.00
			Inorganic dye and pigment manufacturing		D	S
		3251311	Titanium dioxide, composite and pure	X	D	S
		3251317	Chrome colors and other inorganic pigments	X	D	S
325132		Synthetic organic dye and pigment manufacturing	X	2 381 950	84.58	
3251321		Synthetic organic dyes	X	869 798	30.89	
3251324		Synthetic organic pigments, lakes, and toners	X	1 437 819	51.06	
325132W		Synthetic organic dye and pigment manufacturing, nsk, total	X	74 333	2.64	
325182		Carbon black manufacturing	X	D	S	
3251820		Carbon black, all processes	X	D	S	
325188		All other basic inorganic chemical manufacturing	X	D	S	
325188H		All other inorganic chemicals	X	D	S	
325192		Cyclic crude and intermediate manufacturing	X	D	S	
3251921		Cyclic (coal tar) intermediates	X	D	S	
325199		All other basic organic chemical manufacturing	X	138 194	4.91	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325132		Synthetic organic dye and pigment manufacturing—Con.			
	325199	All other basic organic chemical manufacturing—Con.			
	325199K	Synthetic organic rubber-processing chemicals	X	D	S
	325199R	Other synthetic organic chemicals	X	13 366	.47
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	67 898	2.41
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
	325211	Plastics material and resin manufacturing	X	D	S
	3252111	Thermoplastic resins and plastics materials	X	D	S
	325222	Noncellulosic organic fiber manufacturing	X	D	S
	3252227	Polyester manufactured fibers	X	D	S
	325250	Adhesive manufacturing	X	D	S
	3252501	Natural base glues and adhesives	X	D	S
	3252613	Surface active agent manufacturing	X	D	S
	32526130	Surfactants, finishing agents, and assistants	X	D	S
	3252910	Printing ink manufacturing	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	13 963	.50
	9999999	All other products made in this industry	X	24 858	.88
325181		Alkalies and chlorine manufacturing	2 809 496	X	100.00
	325120	Industrial gas manufacturing	X	D	S
	325120C	Argon and hydrogen	X	D	S
	325181	Alkalies and chlorine manufacturing	X	2 113 425	75.22
	3251811	Chlorine, compressed or liquefied	X	812 279	28.91
	3251814	Sodium hydroxide (caustic soda)	X	899 408	32.01
	3251817	Other alkalies	X	375 590	13.37
	325181W	Alkalies and chlorine manufacturing, nsk, total	X	26 148	.93
	325188	All other basic inorganic chemical manufacturing	X	284 903	10.14
	325188A	Inorganic acids, excluding nitric, sulfuric and phosphoric	X	D	S
	325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	X	70 048	2.49
	325188H	All other inorganic chemicals	X	D	S
	325192	Cyclic crude and intermediate manufacturing	X	D	S
	3251921	Cyclic (coal tar) intermediates	X	D	S
	325199	All other basic organic chemical manufacturing	X	D	S
	325199R	Other synthetic organic chemicals	X	D	S
	325211	Plastics material and resin manufacturing	X	D	S
	3252111	Thermoplastic resins and plastics materials	X	D	S
	325212	Polish and other sanitation good manufacturing	X	D	S
	3252121	Household bleaches (chlorine and nonchlorine)	X	D	S
	3252998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	32529981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	73 571	2.62
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	73 571	2.62
	999999	All other products made in this industry	X	2 098	.07
	9999999	All other products made in this industry	X	13 510	.48
325182		Carbon black manufacturing	1 033 515	X	100.00
	325182	Carbon black manufacturing	X	D	S
	3251820	Carbon black, all processes	X	D	S
	999999	All other products made in this industry	X	D	S
	9999999	All other products made in this industry	X	D	S
325188		All other basic inorganic chemical manufacturing	15 686 613	X	100.00
	212312	Crushed and broken limestone mining and quarrying	X	D	S
	2123120	Crushed and broken limestone	X	D	S
	325120	Industrial gas manufacturing	X	68 699	.44
	3251201	Acetylene	X	D	S
	325120G	Fluorocarbon gases	X	D	S
	325131	Inorganic dye and pigment manufacturing	X	D	S
	3251317	Chrome colors and other inorganic pigments	X	D	S
	325181	Alkalies and chlorine manufacturing	X	135 192	.86
	3251811	Chlorine, compressed or liquefied	X	24 327	.16
	3251814	Sodium hydroxide (caustic soda)	X	19 274	.12
	3251817	Other alkalies	X	91 591	.58
	325188	All other basic inorganic chemical manufacturing	X	11 318 845	72.16
	3251881	Sulfuric acid	X	408 524	2.60
	325188A	Inorganic acids, excluding nitric, sulfuric and phosphoric	X	356 082	2.27
	3251887	Other inorganic aluminum compounds	X	977 034	6.23
	325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	X	1 842 756	11.75
	325188D	Chemical catalytic preparations, excluding silica gel catalyst	X	1 981 062	12.63
	325188H	All other inorganic chemicals	X	4 931 938	31.44
	325188W	All other basic inorganic chemical manufacturing, nsk, total	X	821 449	5.24
	325199	All other basic organic chemical manufacturing	X	231 131	1.47
	3251994	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations	X	D	S
	325199E	Natural organic chemicals	X	D	S
	325199R	Other synthetic organic chemicals	X	13 219	.08
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	66 897	.43
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
	325211	Plastics material and resin manufacturing	X	8 113	.05
	3252111	Thermoplastic resins and plastics materials	X	D	S
	325212	Synthetic rubber manufacturing	X	D	S
	3252120	Synthetic rubber (vulcanizable elastomers)	X	D	S
	325311	Nitrogenous fertilizer manufacturing	X	65 840	.42
	3253111	Synthetic ammonia, nitric acid, and ammonium compounds	X	65 840	.42
	325312	Phosphatic fertilizer manufacturing	X	D	S
	3253121	Phosphoric acid	X	D	S
	325314	Fertilizer (mixing only) manufacturing	X	D	S
	3253140	Mixed fertilizers, mixing only	X	D	S
	325612	Polish and other sanitation good manufacturing	X	D	S

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
325188		All other basic inorganic chemical manufacturing—Con.				
	325612	Polish and other sanitation good manufacturing—Con.				
	3256121	Household bleaches (chlorine and nonchlorine)	X	D	S	
	325998	All other miscellaneous chemical product and preparation manufacturing	X	23 364	.15	
	325998A	Water treating compounds	X	16 465	.10	
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X		.04	
	327991	Cut stone and stone product manufacturing	X	6 312	S	
	3279914	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone)	X	D	S	
	331311	Alumina refining	X	D	S	
	3313110	Aluminum oxide, except natural alumina	X	D	S	
	333298	All other industrial machinery manufacturing	X	D	S	
	3332987	All other miscellaneous special industry machinery and equipment	X	D	S	
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S	
	3339997	All other miscellaneous general industrial machinery	X	D	S	
	930000	Receipts for work done for others on their materials	X	3 024 678	19.28	
	9300000	Receipts for work done for others on their materials	X	3 024 678	19.28	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 639	.39	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 639	.39	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	472 927	3.01	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	472 927	3.01	
	999999	All other products made in this industry	X	21 949	.14	
	9999999	All other products made in this industry	X	29 899	.19	
	325191		Gum and wood chemical manufacturing	981 477	X	100.00
		325191	Gum and wood chemical manufacturing	X	856 030	87.22
		3251910	Gum and wood chemicals, including wood distillation products	X	856 030	87.22
		325199	All other basic organic chemical manufacturing	X	D	S
		3251991	Fatty acids	X	D	S
		325211	Plastics material and resin manufacturing	X	D	S
		3252111	Thermoplastic resins and plastics materials	X	D	S
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
		999999	All other products made in this industry	X	3 401	.35
9999999		All other products made in this industry	X	3 401	.35	
325192			Cyclic crude and intermediate manufacturing	5 639 308	X	100.00
		324110	Petroleum refineries	X	D	S
		324110M	Asphalt	X	D	S
	325110	Petrochemical manufacturing	X	D	S	
	3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	X	D	S	
	325131	Inorganic dye and pigment manufacturing	X	D	S	
	3251317	Chrome colors and other inorganic pigments	X	D	S	
	325181	Alkalies and chlorine manufacturing	X	D	S	
	3251814	Sodium hydroxide (caustic soda)	X	D	S	
	325188	All other basic inorganic chemical manufacturing	X	D	S	
	325188H	All other inorganic chemicals	X	D	S	
	325191	Gum and wood chemical manufacturing	X	D	S	
	3251910	Gum and wood chemicals, including wood distillation products	X	D	S	
	325192	Cyclic crude and intermediate manufacturing	X	3 974 498	70.48	
	3251921	Cyclic (coal tar) intermediates	X	3 843 499	68.16	
	3251924	Tar, tar crudes, and tar pitches	X	115 757	2.05	
	325192W	Cyclic crude and intermediate manufacturing, nsk, total	X	15 242	.27	
	325199	All other basic organic chemical manufacturing	X	544 620	9.66	
	3251994	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations	X	D	S	
	325199R	Other synthetic organic chemicals	X	D	S	
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S	
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	327 582	5.81	
	325211	Plastics material and resin manufacturing	X	D	S	
	3252111	Thermoplastic resins and plastics materials	X	D	S	
	3252114	Thermosetting resins and plastics materials	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	7 308	.13	
	9999999	All other products made in this industry	X	14 934	.26	
	325193		Ethyl alcohol manufacturing	2 260 305	X	100.00
		311119	Other animal food manufacturing	X	D	S
		311119M	Other poultry and livestock feed	X	D	S
311211		Flour milling	X	D	S	
3112114		Wheat mill products, except flour	X	D	S	
311221		Wet corn milling	X	D	S	
3112214		Manufactured starch	X	D	S	
311221A		Wet process corn byproducts	X	D	S	
311223		Other oilseed processing	X	D	S	
311223A		Cottonseed cake and meal and other byproducts	X	D	S	
312140		Distilleries	X	323 632	14.32	
3121402		Distilled liquor, except brandy	X	323 632	14.32	
325120		Industrial gas manufacturing	X	8 412	.37	
3251204		Carbon dioxide	X	8 412	.37	
325193		Ethyl alcohol manufacturing	X	1 658 034	73.35	
3251930		Ethyl alcohol	X	1 658 034	73.35	
325199		All other basic organic chemical manufacturing	X	D	S	
3251991		Fatty acids	X	D	S	
325199E		Natural organic chemicals	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 404	.28	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 404	.28	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325193		Ethyl alcohol manufacturing—Con.			
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	4 862	.22
	9999999	All other products made in this industry	X	7 235	.32
325199		All other basic organic chemical manufacturing	47 927 066	X	100.00
	211112	Natural gas liquid extraction	X	D	S
	2111124	Recovered elemental sulfur from natural gas	X	D	S
	311223	Other oilseed processing	X	D	S
	311223G	Other vegetable oils	X	D	S
	324110	Petroleum refineries	X	22 469	.05
	324110M	Asphalt	X	D	S
	324110T	Other finished petroleum products, including waxes, made in a refinery	X	D	S
	324191	Petroleum lubricating oil and grease manufacturing	X	305 745	.64
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	305 745	.64
	325110	Petrochemical manufacturing	X	D	S
	3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	X	D	S
	3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants	X	D	S
	325120	Industrial gas manufacturing	X	58 238	.12
	325120A	Oxygen	X	D	S
	325120G	Fluorocarbon gases	X	D	S
	325132	Synthetic organic dye and pigment manufacturing	X	116 242	.24
	3251321	Synthetic organic dyes	X	111 065	.23
	3251324	Synthetic organic pigments, lakes, and toners	X	5 177	.01
	325181	Alkalies and chlorine manufacturing	X	445 674	.93
	3251811	Chlorine, compressed or liquefied	X	137 597	.29
	3251814	Sodium hydroxide (caustic soda)	X	307 758	.64
	325188	All other basic inorganic chemical manufacturing	X	718 898	1.50
	3251881	Sulfuric acid	X	76 550	.16
	3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric	X	125 985	.26
	3251887	Other inorganic aluminum compounds	X	D	S
	325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	X	D	S
	325188D	Chemical catalytic preparations, excluding silica gel catalyst	X	D	S
	325188H	All other inorganic chemicals	X	300 551	.63
	325191	Gum and wood chemical manufacturing	X	D	S
	3251910	Gum and wood chemicals, including wood distillation products	X	D	S
	325192	Cyclic crude and intermediate manufacturing	X	904 442	1.89
	3251921	Cyclic (coal tar) intermediates	X	D	S
	3251924	Tar, tar crudes, and tar pitches	X	D	S
	325193	Ethyl alcohol manufacturing	X	D	S
	3251930	Ethyl alcohol	X	D	S
	325199	All other basic organic chemical manufacturing	X	37 428 322	78.09
	3251991	Fatty acids	X	1 395 144	2.91
	3251994	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations	X	1 128 326	2.35
	3251997	Industrial organic flavor oil mixtures and blends	X	439 072	.92
	325199A	Reagent and high-purity grades of organic chemicals refined from purchased technical grades	X	532 193	1.11
	325199E	Natural organic chemicals	X	888 636	1.85
	325199G	Synthetic organic alcohols, unmixed	X	1 307 998	2.73
	325199H	Synthetic organic chemicals for use as flavor and perfume materials	X	1 025 096	2.14
	325199K	Synthetic organic rubber-processing chemicals	X	329 545	.69
	325199N	Synthetic organic plasticizers	X	562 718	1.17
	325199R	Other synthetic organic chemicals	X	5 706 454	11.91
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	11 481 494	23.96
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	11 606 828	24.22
	325199W	All other basic organic chemical manufacturing, nsk, total	X	1 024 818	2.14
	325211	Plastics material and resin manufacturing	X	1 583 274	3.30
	3252111	Thermoplastic resins and plastics materials	X	1 246 875	2.60
	3252114	Thermosetting resins and plastics materials	X	336 399	.70
	325212	Synthetic rubber manufacturing	X	321 946	.67
	3252120	Synthetic rubber (vulcanizable elastomers)	X	321 946	.67
	325221	Cellulosic organic fiber manufacturing	X	D	S
	3252210	Rayon, acetate, and lyocell manufactured fibers	X	D	S
	325222	Noncellulosic organic fiber manufacturing	X	D	S
325222A	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite)	X	D	S	
325222D	Producer-textured manufactured noncellulosic fibers	X	D	S	
325311	Nitrogenous fertilizer manufacturing	X	339 357	.71	
3253111	Synthetic ammonia, nitric acid, and ammonium compounds	X	D	S	
3253114	Urea	X	D	S	
325320	Pesticide and other agricultural chemical manufacturing	X	321 774	.67	
3253201	Agricultural and commercial pesticides and chemicals	X	D	S	
3253204	Lawn and garden pesticides and chemicals	X	D	S	
3253207	Household and institutional pesticides and chemicals	X	D	S	
325411	Medicinal and botanical manufacturing	X	141 167	.29	
3254111	Synthetic organic medicinal chemicals, in bulk	X	D	S	
3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	X	D	S	
325412	Pharmaceutical preparation manufacturing	X	33 993	.07	
325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	X	D	S	
325412G	Pharmaceutical preparations, acting on skin, for human use	X	D	S	
325413	In-vitro diagnostic substances manufacturing	X	D	S	
3254130	In-vitro diagnostic substances	X	D	S	
325520	Adhesive manufacturing	X	274 043	.57	
3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S	
3255207	Structural sealants (load-bearing)	X	D	S	
325520A	Nonstructural caulking compounds and sealants	X	D	S	
325611	Soap and other detergent manufacturing	X	D	S	
3256111	Soaps and detergents, commercial, industrial, and institutional	X	D	S	
325612	Polish and other sanitation good manufacturing	X	D	S	
3256125	Specialty cleaning and sanitation products	X	D	S	
3256127	Polishing preparations and related products	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
325199		All other basic organic chemical manufacturing—Con.				
	325613	Surface active agent manufacturing	X	663 391	1.38	
	3256130	Surfactants, finishing agents, and assistants	X	663 391	1.38	
	325998	All other miscellaneous chemical product and preparation manufacturing	X	131 807	.28	
	325998A	Water treating compounds	X	5 062	.01	
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	124 139	.26	
	326121	Unlaminated plastics profile shape manufacturing	X	D	S	
	3261210	Unlaminated plastics profile shapes	X	D	S	
	326191	Plastics plumbing fixture manufacturing	X	D	S	
	3261910	Plastics plumbing fixtures	X	D	S	
	326199	All other plastics product manufacturing	X	D	S	
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S	
	333298	All other industrial machinery manufacturing	X	D	S	
	3332981	Chemical manufacturing machinery, equipment, and parts	X	D	S	
	930000	Receipts for work done for others on their materials	X	273 606	.57	
	9300000	Receipts for work done for others on their materials	X	273 606	.57	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	164 182	.34	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	164 182	.34	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 480 436	3.09	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 480 436	3.09	
	999999	All other products made in this industry	X	33 263	.07	
	9999999	All other products made in this industry	X	55 471	.12	
	325211		Plastics material and resin manufacturing	46 718 898	X	100.00
		324110	Petroleum refineries	X	D	S
		324110P	Liquefied refinery gases (aliphatics), made in a refinery	X	D	S
		324191	Petroleum lubricating oil and grease manufacturing	X	D	S
		3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	D	S
		324199	All other petroleum and coal products manufacturing	X	D	S
		3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	X	D	S
		325110	Petrochemical manufacturing	X	D	S
		3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	X	D	S
		3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants	X	D	S
325120		Industrial gas manufacturing	X	96 059	.21	
325120C		Argon and hydrogen	X	D	S	
325120G		Fluorocarbon gases	X	D	S	
325132		Synthetic organic dye and pigment manufacturing	X	D	S	
3251321		Synthetic organic dyes	X	D	S	
325181		Alkalies and chlorine manufacturing	X	D	S	
3251814		Sodium hydroxide (caustic soda)	X	D	S	
325188		All other basic inorganic chemical manufacturing	X	31 181	.07	
325188H		All other inorganic chemicals	X	29 119	.06	
325191		Gum and wood chemical manufacturing	X	D	S	
3251910		Gum and wood chemicals, including wood distillation products	X	D	S	
325192		Cyclic crude and intermediate manufacturing	X	D	S	
3251921		Cyclic (coal tar) intermediates	X	D	S	
325199		All other basic organic chemical manufacturing	X	1 863 227	3.99	
3251991		Fatty acids	X	D	S	
325199G		Synthetic organic alcohols, unmixed	X	354 002	.76	
325199K		Synthetic organic rubber-processing chemicals	X	D	S	
325199N		Synthetic organic plasticizers	X	D	S	
325199R		Other synthetic organic chemicals	X	D	S	
325199T		Miscellaneous end use chemicals and chemical products, excluding urea	X	625 224	1.34	
325199V		Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	611 169	1.31	
325199W		All other basic organic chemical manufacturing, nsk, total	X	D	S	
325211		Plastics material and resin manufacturing	X	39 970 152	85.55	
3252111		Thermoplastic resins and plastics materials	X	32 979 654	70.59	
3252114		Thermosetting resins and plastics materials	X	6 392 883	13.68	
325211W		Plastics material and resin manufacturing, nsk, total	X	597 615	1.28	
325212		Synthetic rubber manufacturing	X	209 165	.45	
3252120		Synthetic rubber (vulcanizable elastomers)	X	209 165	.45	
325222		Noncellulosic organic fiber manufacturing	X	D	S	
3252221		Nylon and other polyamide manufactured fibers	X	D	S	
325320		Pesticide and other agricultural chemical manufacturing	X	D	S	
3253201		Agricultural and commercial pesticides and chemicals	X	D	S	
325510		Paint and coating manufacturing	X	93 988	.20	
3255101		Architectural coatings	X	30 854	.07	
3255104		Product finishes for original equipment manufacturers (OEM), excluding marine coatings	X	D	S	
3255107		Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	X	50 529	.11	
325520		Adhesive manufacturing	X	107 067	.23	
3255204		Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	83 411	.18	
325520A		Nonstructural caulking compounds and sealants	X	22 574	.05	
325612		Polish and other sanitation good manufacturing	X	D	S	
3256127		Polishing preparations and related products	X	D	S	
325613		Surface active agent manufacturing	X	103 207	.22	
3256130		Surfactants, finishing agents, and assistants	X	103 207	.22	
325991		Custom compounding of purchased resins	X	196 051	.42	
3259911		Custom compounding of purchased resins and color concentrates	X	193 994	.42	
325992		Photographic film, paper, plate, and chemical manufacturing	X	D	S	
3259925		Prepared photographic chemicals	X	D	S	
325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S		
325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S		
326112	Plastics packaging film and sheet (including laminated) manufacturing	X	D	S		
3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	D	S		
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	1 367 543	2.93		
3261130	Unlaminated plastics film and sheet, excluding packaging	X	1 367 543	2.93		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
325211		Plastics material and resin manufacturing—Con.				
	326121	Unlaminated plastics profile shape manufacturing	X	25 664	.05	
	3261210	Unlaminated plastics profile shapes	X	25 664	.05	
	326140	Polystyrene foam product manufacturing	X	D	S	
	3261403	Building and construction polystyrene foam products	X	D	S	
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	D	S	
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	X	D	S	
	326160	Plastics bottle manufacturing	X	D	S	
	3261600	Plastics bottles	X	D	S	
	326199	All other plastics product manufacturing	X	23 328	.05	
	326199A	All other reinforced and fiberglass plastics products	X	19 747	.04	
	930000	Receipts for work done for others on their materials	X	44 061	.09	
	9300000	Receipts for work done for others on their materials	X	44 061	.09	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	113 297	.24	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	113 297	.24	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	485 185	1.04	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	485 185	1.04	
	999999	All other products made in this industry	X	16 487	.04	
	9999999	All other products made in this industry	X	28 647	.06	
	325212		Synthetic rubber manufacturing	5 433 733	X	100.00
		325120	Industrial gas manufacturing	X	D	S
325120U		Other industrial gases	X	D	S	
325188		All other basic inorganic chemical manufacturing	X	D	S	
325188H		All other inorganic chemicals	X	D	S	
325192		Cyclic crude and intermediate manufacturing	X	D	S	
3251921		Cyclic (coal tar) intermediates	X	D	S	
325199		All other basic organic chemical manufacturing	X	136 580	2.51	
3251994		Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations	X	D	S	
325199K		Synthetic organic rubber-processing chemicals	X	D	S	
325199R		Other synthetic organic chemicals	X	D	S	
325199T		Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S	
325199V		Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S	
325211		Plastics material and resin manufacturing	X	134 805	2.48	
3252111		Thermoplastic resins and plastics materials	X	131 374	2.42	
325212		Synthetic rubber manufacturing	X	4 639 325	85.38	
3252120		Synthetic rubber (vulcanizable elastomers)	X	4 639 325	85.38	
325250		Adhesive manufacturing	X	D	S	
3252504		Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S	
325613		Surface active agent manufacturing	X	D	S	
3256130		Surfactants, finishing agents, and assistants	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	D	S	
325998J		All other chemical preparations, including essential oils and water-treating compounds	X	D	S	
326113		Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S	
3261130		Unlaminated plastics film and sheet, excluding packaging	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	82 798	1.52	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	82 798	1.52	
999999		All other products made in this industry	X	2 971	.05	
9999999		All other products made in this industry	X	7 274	.13	
325221			Cellulosic organic fiber manufacturing	470 417	X	100.00
		325221	Cellulosic organic fiber manufacturing	X	D	S
		3252210	Rayon, acetate, and lyocell manufactured fibers	X	D	S
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	1 159	.25	
	9999999	All other products made in this industry	X	1 159	.25	
	325222		Noncellulosic organic fiber manufacturing	7 565 198	X	100.00
325199		All other basic organic chemical manufacturing	X	D	S	
325199R		Other synthetic organic chemicals	X	D	S	
325199T		Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S	
325211		Plastics material and resin manufacturing	X	D	S	
3252111		Thermoplastic resins and plastics materials	X	D	S	
3252114		Thermosetting resins and plastics materials	X	D	S	
325222		Noncellulosic organic fiber manufacturing	X	6 322 078	83.57	
3252221		Nylon and other polyamide manufactured fibers	X	D	S	
3252224		Polyolefin manufactured fibers	X	D	S	
3252227		Polyester manufactured fibers	X	D	S	
325222A		Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite)	X	715 663	9.46	
325222D		Producer-textured manufactured noncellulosic fibers	X	1 356 526	17.93	
325222W		Noncellulosic organic fiber manufacturing, nsk, total	X	46 496	.61	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	83 533	1.10	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	83 533	1.10	
999999		All other products made in this industry	X	10 703	.14	
9999999		All other products made in this industry	X	10 703	.14	
325311		Nitrogenous fertilizer manufacturing	3 291 075	X	100.00	
	325120	Industrial gas manufacturing	X	D	S	
	3251204	Carbon dioxide	X	D	S	
	325199	All other basic organic chemical manufacturing	X	D	S	
	325199G	Synthetic organic alcohols, unmixed	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325311		Nitrogenous fertilizer manufacturing—Con.			
	325311	Nitrogenous fertilizer manufacturing	X	D	S
	3253111	Synthetic ammonia, nitric acid, and ammonium compounds	X	2 226 225	67.64
	3253114	Urea	X	D	S
	3253117	Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials	X	D	S
	325311W	Nitrogenous fertilizer manufacturing, nsk, total	X	132 070	4.01
	325312	Phosphatic fertilizer manufacturing	X	D	S
	3253121	Phosphoric acid	X	D	S
	3253124	Superphosphates and other phosphatic fertilizer materials	X	D	S
	3253127	Mixed fertilizers, made in plants which manufacture fertilizer materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	32 828	1.00
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	32 828	1.00
999999	All other products made in this industry	X	7 098	.22	
9999999	All other products made in this industry	X	7 764	.24	
325312		Phosphatic fertilizer manufacturing	3 945 412	X	100.00
	311119	Other animal food manufacturing	X	D	S
	311119P	Other prepared animal feeds, including feeding materials and adjuncts	X	D	S
	325188	All other basic inorganic chemical manufacturing	X	D	S
	3251881	Sulfuric acid	X	16 835	.43
	325188H	All other inorganic chemicals	X	D	S
	325311	Nitrogenous fertilizer manufacturing	X	D	S
	3253111	Synthetic ammonia, nitric acid, and ammonium compounds	X	D	S
	325312	Phosphatic fertilizer manufacturing	X	3 612 363	91.56
	3253121	Phosphoric acid	X	1 003 444	25.43
	3253124	Superphosphates and other phosphatic fertilizer materials	X	D	S
	3253127	Mixed fertilizers, made in plants which manufacture fertilizer materials	X	D	S
	325312W	Phosphatic fertilizer manufacturing, nsk, total	X	10 221	.26
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	49 815	1.26
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	49 815	1.26
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	3 619	.09
	9999999	All other products made in this industry	X	6 853	.17
325314		Fertilizer (mixing only) manufacturing	3 033 114	X	100.00
	325188	All other basic inorganic chemical manufacturing	X	12 857	.42
	325188A	Potassium and sodium compounds, excluding bleaches, alkalis, and alum	X	11 166	.37
	325314	Fertilizer (mixing only) manufacturing	X	D	S
	3253140	Mixed fertilizers, mixing only	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	21 301	.70
	9999999	All other products made in this industry	X	22 992	.76
325320		Pesticide and other agricultural chemical manufacturing	9 025 135	X	100.00
	324191	Petroleum lubricating oil and grease manufacturing	X	D	S
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	D	S
	325199	All other basic organic chemical manufacturing	X	D	S
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
	325314	Fertilizer (mixing only) manufacturing	X	47 259	.52
	3253140	Mixed fertilizers, mixing only	X	47 259	.52
	325320	Pesticide and other agricultural chemical manufacturing	X	8 582 142	95.09
	3253201	Agricultural and commercial pesticides and chemicals	X	5 794 155	64.20
	3253204	Lawn and garden pesticides and chemicals	X	D	S
	3253207	Household and institutional pesticides and chemicals	X	D	S
	325320W	Pesticide and other agricultural chemical manufacturing, nsk, total	X	480 068	5.32
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	930000	Receipts for work done for others on their materials	X	70 268	.78
	9300000	Receipts for work done for others on their materials	X	70 268	.78
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	223 302	2.47
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	223 302	2.47
	999999	All other products made in this industry	X	30 937	.34
	9999999	All other products made in this industry	X	36 081	.40
325411		Medicinal and botanical manufacturing	12 226 652	X	100.00
	325188	All other basic inorganic chemical manufacturing	X	D	S
	325188D	Chemical catalytic preparations, excluding silica gel catalyst	X	D	S
	325199	All other basic organic chemical manufacturing	X	139 589	1.14
	3251997	Industrial organic flavor oil mixtures and blends	X	D	S
	325199E	Natural organic chemicals	X	D	S
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	49 506	.40
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
	325211	Plastics material and resin manufacturing	X	D	S
	3252111	Thermoplastic resins and plastics materials	X	D	S
	3252114	Thermosetting resins and plastics materials	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
325411		Medicinal and botanical manufacturing—Con.				
	325320	Pesticide and other agricultural chemical manufacturing	X	D	S	
	3253201	Agricultural and commercial pesticides and chemicals	X	D	S	
	325411	Medicinal and botanical manufacturing	X	11 367 752	92.98	
	3254111	Synthetic organic medicinal chemicals, in bulk	X	8 889 857	72.71	
	3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	X			
	325411W	Medicinal and botanical manufacturing, nsk, total	X	2 312 516	18.91	
	325412	Pharmaceutical preparation manufacturing	X	165 379	1.35	
	325412A	Pharmaceutical preparations, acting on the respiratory system, for human use	X	271 945	2.22	
	325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	X			
	325412L	Pharmaceutical preparations, vitamin, nutrient, and hematitic preparations, for human use	X			
	325611	Soap and other detergent manufacturing	X			
	325611D	Toothpaste, including gels and toothpowder	X			
	325612	Polish and other sanitation good manufacturing	X			
	3256125	Specialty cleaning and sanitation products	X			
	325620	Toilet preparation manufacturing	X	73 141	.60	
	3256207	Hair preparations (including shampoos)	X	37 515	.31	
	325620D	Creams, lotions and oils, excluding shaving, hair, and deodorant	X			
	325620G	Other cosmetics and toilet preparations	X			
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X			
	3261130	Unlaminated plastics film and sheet, excluding packaging	X			
	339114	Dental equipment and supplies manufacturing	X			
	3391141	Dental professional equipment and supplies	X			
	339116	Dental laboratories	X			
	3391160	Dental laboratories	X			
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 851	.08	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 851	.08	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	197 011	1.61	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	197 011	1.61	
	999999	All other products made in this industry	X	14 534	.12	
	9999999	All other products made in this industry	X	26 594	.22	
	325412		Pharmaceutical preparation manufacturing	112 960 429	X	100.00
		311119	Other animal food manufacturing	X	D	S
		311119R	Specialty feeds	X	D	S
		311942	Spice and extract manufacturing	X	D	S
		325188	All other basic inorganic chemical manufacturing	X	D	S
		325188H	All other inorganic chemicals	X	D	S
		325199	All other basic organic chemical manufacturing	X	D	S
		325199E	Natural organic chemicals	X	D	S
		325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
		325320	Pesticide and other agricultural chemical manufacturing	X	54 121	.05
		3253201	Agricultural and commercial pesticides and chemicals	X		
		3253207	Household and institutional pesticides and chemicals	X		
		325411	Medicinal and botanical manufacturing	X	1 740 253	1.54
		3254111	Synthetic organic medicinal chemicals, in bulk	X	1 245 785	1.10
		3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	X		
		325412	Pharmaceutical preparation manufacturing	X	494 468	.44
3254121		Pharmaceutical preparations, affecting neoplasms, the endocrine system, and metabolic diseases, for human use	X	101 839 349	90.15	
3254124		Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use	X	17 525 070	15.51	
3254127		Pharmaceutical preparations, acting on the cardiovascular system, for human use	X	23 903 456	21.16	
325412A		Pharmaceutical preparations, acting on the respiratory system, for human use	X			
325412D		Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	X			
325412G		Pharmaceutical preparations, acting on skin, for human use	X	12 856 371	11.38	
325412L		Pharmaceutical preparations, vitamin, nutrient, and hematitic preparations, for human use	X	2 392 286	2.12	
325412P		Pharmaceutical preparations, affecting parasitic and ineffective diseases, for human use (excluding diagnostics)	X	5 964 931	5.28	
325412T		Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics	X			
325412V		In vivo diagnostic substances	X	2 132 346	1.89	
325412W		Pharmaceutical preparation manufacturing, nsk, total	X	961 543	.85	
325413		In-vitro diagnostic substances manufacturing	X			
3254130		In-vitro diagnostic substances	X			
325414		Biological product (except diagnostic) manufacturing	X			
3254141		Blood and blood derivatives, for human use	X			
3254144		Vaccines, toxoids, and antigens, excluding allergens, for human use	X			
3254147		Other biologics, excluding diagnostic, for human use	X			
325414A		Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses	X			
325520		Adhesive manufacturing	X			
3255204		Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X			
325611		Soap and other detergent manufacturing	X			
3256114		Household detergents	X	131 896	.12	
3256117		Soaps, excluding specialty cleaners, household	X			
325611D		Toothpaste, including gels and toothpowder	X			
325620		Toilet preparation manufacturing	X	617 601	.55	
3256207		Hair preparations (including shampoos)	X	100 408	.09	
325620A		Dentifrices, mouthwashes, gargles, and rinses	X			
325620D		Creams, lotions and oils, excluding shaving, hair, and deodorant	X	277 701	.25	
325620G		Other cosmetics and toilet preparations	X			
334510		Electromedical and electrotherapeutic apparatus manufacturing	X			

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325412		Pharmaceutical preparation manufacturing—Con.			
	334510	Electromedical and electrotherapeutic apparatus manufacturing—Con.			
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S
	339112	Surgical and medical instrument manufacturing	X	D	S
	3391120	Surgical and medical instruments	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	D	S
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	D	S
	339114	Dental equipment and supplies manufacturing	X	D	S
	3391141	Dental professional equipment and supplies	X	D	S
	930000	Receipts for work done for others on their materials	X	507 529	.45
	9300000	Receipts for work done for others on their materials	X	507 529	.45
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	510 654	.45
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	510 654	.45
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	3 997 751	3.54
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	3 997 751	3.54
	999999	All other products made in this industry	X	8 206	.01
	9999999	All other products made in this industry	X	18 290	.02
325413		In-vitro diagnostic substance manufacturing	7 625 510	X	100.00
	325413	In-vitro diagnostic substances manufacturing	X	6 107 063	80.09
	3254130	In-vitro diagnostic substances	X	6 107 063	80.09
	326199	All other plastics product manufacturing	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	332994	Small arms manufacturing	X	D	S
	3329944	Small arms (30 mm or less, 1-18 in. or less)	X	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	D	S
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S
	334516	Analytical laboratory instrument manufacturing	X	230 459	3.02
	3345160	Analytical and scientific instruments, except optical	X	230 459	3.02
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	110 842	1.45
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	110 842	1.45
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	19 121	.25
	9999999	All other products made in this industry	X	19 784	.26
	325414		Biological product (except diagnostic) manufacturing	8 333 897	X
311942		Spice and extract manufacturing	X	D	S
3119425		Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	D	S
325199		All other basic organic chemical manufacturing	X	9 312	.11
325199E		Natural organic chemicals	X	D	S
325411		Medicinal and botanical manufacturing	X	17 913	.21
3254111		Synthetic organic medicinal chemicals, in bulk	X	D	S
3254114		Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	X	D	S
325412		Pharmaceutical preparation manufacturing	X	D	S
3254127		Pharmaceutical preparations, acting on the cardiovascular system, for human use	X	D	S
325412D		Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	X	D	S
325412T		Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics	X	D	S
325413		In-vitro diagnostic substances manufacturing	X	26 679	.32
3254130		In-vitro diagnostic substances	X	26 679	.32
325414		Biological product (except diagnostic) manufacturing	X	D	S
3254141		Blood and blood derivatives, for human use	X	D	S
3254144		Vaccines, toxoids, and antigens, excluding allergens, for human use	X	D	S
3254147		Other biologics, excluding diagnostic, for human use	X	D	S
325414A		Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses	X	D	S
325414W		Biological product (except diagnostic) manufacturing, nsk, total	X	257 177	3.09
930000		Receipts for work done for others on their materials	X	104 048	1.25
9300000		Receipts for work done for others on their materials	X	104 048	1.25
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 348	.53
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 348	.53
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	774 833	9.30
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	774 833	9.30
999999		All other products made in this industry	X	6 634	.08
9999999	All other products made in this industry	X	12 704	.15	
325510		Paint and coating manufacturing	19 975 533	X	100.00
	324191	Petroleum lubricating oil and grease manufacturing	X	8 679	.04
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	8 679	.04
	325131	Inorganic dye and pigment manufacturing	X	D	S
	3251317	Chrome colors and other inorganic pigments	X	D	S
	325211	Plastics material and resin manufacturing	X	97 328	.49
	3252111	Thermoplastic resins and plastics materials	X	D	S
	3252114	Thermosetting resins and plastics materials	X	D	S
	325510	Paint and coating manufacturing	X	18 848 490	94.36
	3255101	Architectural coatings	X	7 709 334	38.59

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325510		Paint and coating manufacturing—Con.			
	325510	Paint and coating manufacturing—Con.			
	3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings.	X	5 166 865	25.87
	3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	X	3 098 689	15.51
	325510B	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc.	X	1 261 393	6.31
	325510W	Paint and coating manufacturing, nsk, total	X	1 612 209	8.07
	325520	Adhesive manufacturing	X	80 241	.40
	3255201	Natural base glues and adhesives	X	D	S
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	43 592	.22
	325520A	Nonstructural caulking compounds and sealants	X	D	S
	325611	Soap and other detergent manufacturing	X	11 823	.06
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	10 944	.05
	325910	Printing ink manufacturing	X	D	S
	3259104	Lithographic and offset inks	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	8 044	.04
	325998J	All other chemical preparations, including essential oils and water-treating compounds.	X	8 034	.04
	339932	Game, toy, and children's vehicle manufacturing	X	D	S
	3399326	Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures	X	D	S
	339994	Broom, brush, and mop manufacturing	X	D	S
	3399945	Other brushes	X	D	S
	930000	Receipts for work done for others on their materials	X	28 794	.14
	9300000	Receipts for work done for others on their materials	X	28 794	.14
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	51 043	.26
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	51 043	.26
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	780 136	3.91
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	780 136	3.91
	999999	All other products made in this industry	X	21 951	.11
	9999999	All other products made in this industry	X	25 854	.13
325520		Adhesive manufacturing	7 470 711	X	100.00
	324191	Petroleum lubricating oil and grease manufacturing	X	D	S
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	D	S
	325188	All other basic inorganic chemical manufacturing	X	D	S
	325188W	All other basic inorganic chemical manufacturing, nsk, total	X	D	S
	325199	All other basic organic chemical manufacturing	X	51 193	.69
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	25 947	.35
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
	325199W	All other basic organic chemical manufacturing, nsk, total	X	D	S
	325211	Plastics material and resin manufacturing	X	154 286	2.07
	3252111	Thermoplastic resins and plastics materials	X	79 225	1.06
	3252114	Thermosetting resins and plastics materials	X	75 061	1.00
	325212	Synthetic rubber manufacturing	X	71 656	.96
	3252120	Synthetic rubber (vulcanizable elastomers)	X	71 656	.96
	325510	Paint and coating manufacturing	X	97 622	1.31
	3255101	Architectural coatings	X	9 091	.12
	3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings.	X	5 561	.07
	3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	X	81 398	1.09
	325520	Adhesive manufacturing	X	6 519 878	87.27
	3255201	Natural base glues and adhesives	X	221 499	2.96
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	3 971 879	53.17
	3255207	Structural sealants (load-bearing)	X	492 785	6.60
	325520A	Nonstructural caulking compounds and sealants	X	1 362 905	18.24
	325520W	Adhesive manufacturing, nsk, total	X	470 810	6.30
	325612	Polish and other sanitation good manufacturing	X	D	S
	3256125	Specialty cleaning and sanitation products	X	D	S
	325991	Custom compounding of purchased resins	X	D	S
	3259912	Resins in the form of pellets from spent or post consumer plastics	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	62 110	.83
	325998E	Automotive chemicals	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds.	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	D	S
	3261501	Transportation polyurethane foam products	X	D	S
	326299	All other rubber product manufacturing	X	D	S
	326299B	All other miscellaneous rubber goods	X	D	S
	332212	Hand and edge tool manufacturing	X	14 122	.19
	3322123	Edge tools, hand-operated	X	D	S
	332913	Plumbing fixture fitting and trim manufacturing	X	D	S
	3329131	Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscaid bath or shower valves (brass goods)	X	D	S
	335931	Current-carrying wiring device manufacturing	X	D	S
	3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	X	D	S
	335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 755	.08
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 755	.08
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	327 514	4.38
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	327 514	4.38

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325520		Adhesive manufacturing—Con.			
	999999	All other products made in this industry	X	39 696	.53
	9999999	All other products made in this industry	X	47 873	.64
325611		Soap and other detergent manufacturing	17 060 952	X	100.00
	324110	Petroleum refineries	X	D	S
	3241101	Gasoline, including finished base stocks and blending agents	X	D	S
	324191	Petroleum lubricating oil and grease manufacturing	X	30 281	.18
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	30 281	.18
	325181	Alkalies and chlorine manufacturing	X	D	S
	3251817	Other alkalies	X	D	S
	325199	All other basic organic chemical manufacturing	X	D	S
	325199H	Synthetic organic chemicals for use as flavor and perfume materials	X	D	S
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
	325320	Pesticide and other agricultural chemical manufacturing	X	55 248	.32
	3253207	Household and institutional pesticides and chemicals	X	52 638	.31
	325412	Pharmaceutical preparation manufacturing	X	D	S
	325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	X	D	S
	325510	Paint and coating manufacturing	X	16 203	.09
	3255101	Architectural coatings	X	D	S
	3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	X	7 095	.04
	325520	Adhesive manufacturing	X	D	S
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S
	325611	Soap and other detergent manufacturing	X	13 657 711	80.05
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	6 514 326	38.18
	3256114	Household detergents	X	3 530 324	20.69
	3256117	Soaps, excluding specialty cleaners, household	X	D	S
	325611A	Glycerin, natural	X	D	S
	325611D	Toothpaste, including gels and toothpowder	X	D	S
	325611W	Soap and other detergent manufacturing, nsk, total	X	D	S
	325612	Polish and other sanitation good manufacturing	X	2 049 212	12.01
	3256121	Household bleaches (chlorine and nonchlorine)	X	29 188	.17
	3256125	Specialty cleaning and sanitation products	X	1 956 191	11.47
	3256127	Polishing preparations and related products	X	63 744	.37
	325613	Surface active agent manufacturing	X	44 423	.26
	3256130	Surfactants, finishing agents, and assistants	X	44 423	.26
	325620	Toilet preparation manufacturing	X	156 330	.92
	3256201	Shaving preparations	X	D	S
	3256207	Hair preparations (including shampoos)	X	D	S
	325620D	Creams, lotions and oils, excluding shaving, hair, and deodorant	X	29 875	.18
	325620G	Other cosmetics and toilet preparations	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	18 574	.11
	325998A	Water treating compounds	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	332999H	All other miscellaneous fabricated metal products	X	D	S
	333312	Commercial laundry, drycleaning, and pressing machine manufacturing	X	D	S
	3333120	Commercial laundry, drycleaning, and pressing machines	X	D	S
	339114	Dental equipment and supplies manufacturing	X	D	S
	3391141	Dental professional equipment and supplies	X	D	S
	930000	Receipts for work done for others on their materials	X	28 993	.17
	9300000	Receipts for work done for others on their materials	X	28 993	.17
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 671	.03
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 671	.03
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	586 831	3.44
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	586 831	3.44
	999999	All other products made in this industry	X	12 757	.07
	9999999	All other products made in this industry	X	29 105	.17
325612		Polish and other sanitation good manufacturing	8 755 292	X	100.00
	324191	Petroleum lubricating oil and grease manufacturing	X	17 666	.20
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	17 666	.20
	325199	All other basic organic chemical manufacturing	X	D	S
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S
	325320	Pesticide and other agricultural chemical manufacturing	X	D	S
	3253207	Household and institutional pesticides and chemicals	X	D	S
	325611	Soap and other detergent manufacturing	X	420 412	4.80
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	206 551	2.36
	3256114	Household detergents	X	D	S
	3256117	Soaps, excluding specialty cleaners, household	X	D	S
	325612	Polish and other sanitation good manufacturing	X	5 518 262	63.03
	3256121	Household bleaches (chlorine and nonchlorine)	X	D	S
	3256125	Specialty cleaning and sanitation products	X	2 590 504	29.59
	3256127	Polishing preparations and related products	X	1 452 254	16.59
	325612W	Polish and other sanitation good manufacturing, nsk, total	X	D	S
	325620	Toilet preparation manufacturing	X	D	S
	3256201	Shaving preparations	X	D	S
	325620G	Other cosmetics and toilet preparations	X	6 071	.07
	325998	All other miscellaneous chemical product and preparation manufacturing	X	204 620	2.34
	325998A	Water treating compounds	X	D	S
	325998E	Automotive chemicals	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	72 264	.83
	333314	Optical instrument and lens manufacturing	X	D	S
	3333141	Sighting, tracking, and fire-control equipment, optical-type	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	D	S
	930000	Receipts for work done for others on their materials	X	9 996	.11
	9300000	Receipts for work done for others on their materials	X	9 996	.11

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325612		Polish and other sanitation good manufacturing—Con.			
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	18 696	.21
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	18 696	.21
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 954 320	22.32
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 954 320	22.32
	999999	All other products made in this industry	X	29 922	.34
	9999999	All other products made in this industry	X	36 342	.42
325613		Surface active agent manufacturing	5 343 647	X	100.00
	325188	All other basic inorganic chemical manufacturing	X	D	S
	3251887	Other inorganic aluminum compounds	X	D	S
	325199	All other basic organic chemical manufacturing	X	251 679	4.71
	3251991	Fatty acids	X	D	S
	325199R	Other synthetic organic chemicals	X	38 307	.72
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	56 812	1.06
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	133 277	2.49
	325211	Plastics material and resin manufacturing	X	D	S
	3252111	Thermoplastic resins and plastics materials	X	D	S
	325320	Pesticide and other agricultural chemical manufacturing	X	D	S
	3253207	Household and institutional pesticides and chemicals	X	D	S
	325611	Soap and other detergent manufacturing	X	18 229	.34
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	7 446	.14
	325611A	Glycerin, natural	X	D	S
	325612	Polish and other sanitation good manufacturing	X	D	S
	3256127	Polishing preparations and related products	X	D	S
	325613	Surface active agent manufacturing	X	4 706 117	88.07
	3256130	Surfactants, finishing agents, and assistants	X	4 706 117	88.07
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	205 390	3.84
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	205 390	3.84
	999999	All other products made in this industry	X	5 426	.10
	9999999	All other products made in this industry	X	23 147	.43
325620		Toilet preparation manufacturing	33 128 370	X	100.00
	311942	Spice and extract manufacturing	X	D	S
	3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S
	322291	Sanitary paper product manufacturing	X	D	S
	3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding	X	D	S
	323110	Commercial lithographic printing	X	D	S
	323110W	Commercial lithographic printing, nsk, total	X	D	S
	324199	All other petroleum and coal products manufacturing	X	D	S
	3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	X	D	S
	325131	Inorganic dye and pigment manufacturing	X	D	S
	3251314	Other white opaque pigments	X	D	S
	325199	All other basic organic chemical manufacturing	X	D	S
	325199H	Synthetic organic chemicals for use as flavor and perfume materials	X	D	S
	325320	Pesticide and other agricultural chemical manufacturing	X	D	S
	3253207	Household and institutional pesticides and chemicals	X	D	S
	325412	Pharmaceutical preparation manufacturing	X	424 808	1.28
	3254124	Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use	X	D	S
	325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	X	102 011	.31
	325412G	Pharmaceutical preparations, acting on skin, for human use	X	224 283	.68
	325412L	Pharmaceutical preparations, vitamin, nutrient, and hematonic preparations, for human use	X	15 781	.05
	325412P	Pharmaceutical preparations, affecting parasitic and ineffective diseases, for human use (excluding diagnostics)	X	D	S
	325412T	Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics	X	D	S
	325611	Soap and other detergent manufacturing	X	1 805 111	5.45
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	D	S
	3256114	Household detergents	X	D	S
	3256117	Soaps, excluding specialty cleaners, household	X	D	S
	325611D	Toothpaste, including gels and toothpowder	X	1 063 071	3.21
	325612	Polish and other sanitation good manufacturing	X	122 134	.37
	3256125	Specialty cleaning and sanitation products	X	121 096	.37
	325620	Toilet preparation manufacturing	X	29 208 879	88.17
	3256201	Shaving preparations	X	464 123	1.40
	3256204	Perfumes, toilet waters, and colognes	X	2 945 950	8.89
	3256207	Hair preparations (including shampoos)	X	7 751 957	23.40
	325620A	Dentifrices, mouthwashes, gargles, and rinses	X	1 003 624	3.03
	325620D	Creams, lotions and oils, excluding shaving, hair, and deodorant	X	5 744 593	17.34
	325620G	Other cosmetics and toilet preparations	X	9 205 358	27.79
	325620W	Toilet preparation manufacturing, nsk, total	X	2 093 274	6.32
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998E	Automotive chemicals	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	332211	Cutlery and flatware (except precious) manufacturing	X	D	S
	3322112	Cutlery, scissors, shears, trimmers, and snips	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325620		Toilet preparation manufacturing—Con.			
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	34 160	.10
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	34 005	.10
	339994	Broom, brush, and mop manufacturing	X	D	S
	3399945	Other brushes	X	D	S
	339999	All other miscellaneous manufacturing	X	8 953	.03
	3399995	Candles, including tapers	X	7 290	.02
	930000	Receipts for work done for others on their materials	X	59 090	.18
	9300000	Receipts for work done for others on their materials	X	59 090	.18
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	82 523	.25
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	82 523	.25
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	918 018	2.77
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	918 018	2.77
	999999	All other products made in this industry	X	19 682	.06
	9999999	All other products made in this industry	X	27 314	.08
325910		Printing ink manufacturing	4 268 406	X	100.00
	325199	All other basic organic chemical manufacturing	X	D	S
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
	325510	Paint and coating manufacturing	X	50 627	1.19
	3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	X	8 542	.20
	325510B	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc.	X	D	S
	325910	Printing ink manufacturing	X	3 958 906	92.75
	3259101	Letterpress printing inks	X	118 041	2.77
	3259104	Lithographic and offset inks	X	1 614 529	37.83
	3259107	Gravure printing inks	X	487 253	11.42
	325910A	Flexographic printing inks	X	796 140	18.65
	325910E	Nonimpact/digital inks	X	213 966	5.01
	325910H	All other printing inks	X	305 821	7.16
	325910W	Printing ink manufacturing, nsk, total	X	423 156	9.91
	325992	Photographic film, paper, plate, and chemical manufacturing	X	D	S
	3259925	Prepared photographic chemicals	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	17 623	.41
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	326299	All other rubber product manufacturing	X	8 361	.20
	3262997	All other industrial rubber products	X	8 361	.20
	333293	Printing machinery and equipment manufacturing	X	10 232	.24
	3332939	All other miscellaneous printing trades machinery	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341194	Parts, subassemblies, and accessories for computer peripheral equipment	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	153 639	3.60
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	153 639	3.60
	999999	All other products made in this industry	X	16 149	.38
	9999999	All other products made in this industry	X	31 553	.74
	325920		Explosives manufacturing	1 033 242	X
325920		Explosives manufacturing	X	D	S
3259200		Explosives	X	D	S
930000		Receipts for work done for others on their materials	X	D	S
9300000		Receipts for work done for others on their materials	X	D	S
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	57 818	5.60
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	57 818	5.60
999999		All other products made in this industry	X	—	—
9999999		All other products made in this industry	X	—	—
325991		Custom compounding of purchased resins	7 442 219	X	100.00
	325199	All other basic organic chemical manufacturing	X	15 322	.21
	325199R	Other synthetic organic chemicals	X	D	S
	325211	Plastics material and resin manufacturing	X	195 528	2.63
	3252111	Thermoplastic resins and plastics materials	X	D	S
	3252114	Thermosetting resins and plastics materials	X	D	S
	325222	Noncellulosic organic fiber manufacturing	X	D	S
	3252224	Polyolefin manufactured fibers	X	D	S
	325510	Paint and coating manufacturing	X	D	S
	3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	X	D	S
	325520	Adhesive manufacturing	X	D	S
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S
	325991	Custom compounding of purchased resins	X	6 716 999	90.26
	3259911	Custom compounding of purchased resins and color concentrates	X	5 356 708	71.98
	3259912	Resins in the form of pellets from spent or post consumer plastics	X	509 627	6.85
	325991W	Custom compounding of purchased resins, nsk, total	X	850 664	11.43
	325998	All other miscellaneous chemical product and preparation manufacturing	X	8 331	.11
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	8 003	.11
	326199	All other plastics product manufacturing	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325991		Custom compounding of purchased resins—Con.			
	326199	All other plastics product manufacturing—Con.			
	326199B	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S
	326220	Rubber and plastics hoses and belting manufacturing	X	D	S
	3262206	Rubber and plastics garden hose (with or without fittings)	X	D	S
	326299	All other rubber product manufacturing	X	D	S
	3262993	Rubber floor and wall coverings	X	D	S
	930000	Receipts for work done for others on their materials	X	83 750	1.13
	9300000	Receipts for work done for others on their materials	X	83 750	1.13
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	17 746	.24
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	17 746	.24
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	294 067	3.95
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	294 067	3.95
	999999	All other products made in this industry	X	14 812	.20
	9999999	All other products made in this industry	X	30 199	.41
325992		Photographic film, paper, plate, and chemical manufacturing	12 347 096	X	100.00
	325181	Alkalies and chlorine manufacturing	X	D	S
	3251814	Sodium hydroxide (caustic soda)	X	D	S
	325188	All other basic inorganic chemical manufacturing	X	D	S
	325188H	All other inorganic chemicals	X	D	S
	325510	Paint and coating manufacturing	X	D	S
	325510B	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc.	X	D	S
	325611	Soap and other detergent manufacturing	X	D	S
	325613	Surface active agent manufacturing	X	D	S
	3256130	Surfactants, finishing agents, and assistants	X	D	S
	325910	Printing ink manufacturing	X	D	S
	325910E	Nonimpact/digital inks	X	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	X	9 053 052	73.32
	3259921	Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray)	X	D	S
	3259923	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray)	X	D	S
	3259925	Prepared photographic chemicals	X	1 828 579	14.81
	325992W	Photographic film, paper, plate, and chemical manufacturing, nsk, total	X	412 572	3.34
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	3259987	Gelatin, excluding ready-to-eat desserts	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	333315	Photographic and photocopying equipment manufacturing	X	302 985	2.45
	3333151	Still picture photographic equipment	X	D	S
	3333153	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc.	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	334517	Irradiation apparatus manufacturing	X	D	S
	3345170	Irradiation (ionizing radiation) equipment	X	D	S
	334613	Magnetic and optical recording media manufacturing	X	D	S
	3346130	Magnetic and optical recording media	X	D	S
	335912	Primary battery manufacturing	X	D	S
	3359120	Primary batteries	X	D	S
	339944	Carbon paper and inked ribbon manufacturing	X	D	S
	3399441	Inked ribbons	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	25 841	.21
	9999999	All other products made in this industry	X	44 195	.36
325998		All other miscellaneous chemical product and preparation manufacturing	13 278 610	X	100.00
	311613	Rendering and meat byproduct processing	X	6 568	.05
	3116131	Lard and other greases, except wool grease	X	5 822	.04
	311942	Spice and extract manufacturing	X	58 223	.44
	3119421	Table salt (evaporated), pepper (white and black), and other spices	X	D	S
	311999	All other miscellaneous food manufacturing	X	D	S
	311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	X	D	S
	321999	All other miscellaneous wood product manufacturing	X	D	S
	3219990	All other miscellaneous wood product manufacturing	X	D	S
	322222	Coated and laminated paper manufacturing	X	D	S
	3222225	Pressure-sensitive products	X	D	S
	324191	Petroleum lubricating oil and grease manufacturing	X	18 195	.14
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	18 195	.14
	325188	All other basic inorganic chemical manufacturing	X	78 361	.59
	3251881	Sulfuric acid	X	D	S
	3251887	Other inorganic aluminum compounds	X	D	S
	325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	X	D	S
	325188H	All other inorganic chemicals	X	61 693	.46
	325199	All other basic organic chemical manufacturing	X	131 183	.99
	3251997	Industrial organic flavor oil mixtures and blends	X	D	S
	325199E	Natural organic chemicals	X	D	S
	325199H	Synthetic organic chemicals for use as flavor and perfume materials	X	D	S
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
325998		All other miscellaneous chemical product and preparation manufacturing—Con.			
	325211	Plastics material and resin manufacturing	X	D	S
	3252111	Thermoplastic resins and plastics materials	X	7 131	.05
	3252114	Thermosetting resins and plastics materials	X	D	S
	325212	Synthetic rubber manufacturing	X	D	S
	3252120	Synthetic rubber (vulcanizable elastomers)	X	D	S
	325230	Pesticide and other agricultural chemical manufacturing	X	D	S
	3252301	Agricultural and commercial pesticides and chemicals	X	D	S
	325520	Adhesive manufacturing	X	34 775	.26
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S
	325520W	Adhesive manufacturing, nsk, total	X	D	S
	325611	Soap and other detergent manufacturing	X	25 767	.19
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	22 948	.17
	325612	Polish and other sanitation good manufacturing	X	122 682	.92
	3256125	Specialty cleaning and sanitation products	X	D	S
	3256127	Polishing preparations and related products	X	D	S
	325612W	Polish and other sanitation good manufacturing, nsk, total	X	D	S
	325613	Surface active agent manufacturing	X	D	S
	3256130	Surfactants, finishing agents, and assistants	X	D	S
	325620	Toilet preparation manufacturing	X	D	S
	325620W	Toilet preparation manufacturing, nsk, total	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	11 285 785	84.99
	3259981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	X	D	S
	3259984	Matches	X	49 997	.38
	3259987	Gelatin, excluding ready-to-eat desserts	X	D	S
	325998A	Water treating compounds	X	2 467 042	18.58
	325998E	Automotive chemicals	X	831 730	6.26
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	5 534 466	41.68
	325998W	All other miscellaneous chemical product and preparation manufacturing, nsk, total	X	1 314 541	9.90
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	326192	Resilient floor covering manufacturing	X	D	S
	3261920	Resilient floor coverings	X	D	S
	326199	All other plastics product manufacturing	X	5 194	.04
	327910	Abrasive product manufacturing	X	D	S
	3279101	Nonmetallic sized grains, powders, and flour abrasives (including graded products only)	X	D	S
	332992	Small arms ammunition manufacturing	X	D	S
	3329920	Small arms ammunition	X	D	S
	332993	Ammunition (except small arms) manufacturing	X	D	S
	3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.)	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	D	S
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	D	S
	339991	Gasket, packing, and sealing device manufacturing	X	D	S
	3399913	Nonmetallic gaskets and gasketing	X	D	S
	930000	Receipts for work done for others on their materials	X	74 597	.56
	9300000	Receipts for work done for others on their materials	X	74 597	.56
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	40 740	.31
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	40 740	.31
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	936 468	7.05
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	936 468	7.05
	999999	All other products made in this industry	X	37 688	.28
	9999999	All other products made in this industry	X	54 413	.41
326111		Plastics bag manufacturing	7 169 588	X	100.00
	322223	Plastics, foil, and coated paper bag manufacturing	X	16 004	.22
	3222231	Specialty bags, pouches, and liners, coated and single-web paper	X	7 400	.10
	3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	X	8 604	.12
	322224	Uncoated paper and multiwall bag manufacturing	X	D	S
	3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	X	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	X	D	S
	3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	X	D	S
	326111	Plastics bag manufacturing	X	6 537 745	91.19
	3261111	Single-web film specialty bags, pouches, and liners	X	5 756 841	80.30
	3261113	Multiweb film/film combination specialty bags, pouches, and liners	X	521 807	7.28
	326111W	Plastics bag manufacturing, nsk, total	X	259 097	3.61
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	161 290	2.25
	3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	127 850	1.78
	3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	33 440	.47
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	112 683	1.57
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	112 683	1.57
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	D	S
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	X	D	S
	326199	All other plastics product manufacturing	X	68 824	.96
	3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	X	D	S
	3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	X	D	S
	930000	Receipts for work done for others on their materials	X	18 802	.26
	9300000	Receipts for work done for others on their materials	X	18 802	.26
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 793	.23
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 793	.23
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	169 226	2.36

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
326111	999890	Plastics bag manufacturing—Con. Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	169 226	2.36
	999999	All other products made in this industry	X	32 046	.45
	9999999	All other products made in this industry	X	35 751	.50
326112		Plastics packaging film and sheet (including laminated) manufacturing	7 550 440	X	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	X	62 817	.83
	3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	X	35 228	.47
	3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	27 589	.37
	322223	Plastics, foil, and coated paper bag manufacturing	X	20 220	.27
	3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	X	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	X	163 130	2.16
	3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	X	163 130	2.16
	323111	Commercial gravure printing	X	D	S
	3231113	Label and wrapper printing (gravure)	X	D	S
	325211	Plastics material and resin manufacturing	X	D	S
	3252111	Thermoplastic resins and plastics materials	X	D	S
	326111	Plastics bag manufacturing	X	417 629	5.53
	3261111	Single-web film specialty bags, pouches, and liners	X	329 461	4.36
	3261113	Multiweb film/film combination specialty bags, pouches, and liners	X	87 461	1.16
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	6 548 408	86.73
	3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X		
	3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	3 935 995	52.13
	326112W	Plastics packaging film and sheet (including laminated) manufacturing, nsk, total	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	77 688	1.03
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	77 688	1.03
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	3329992	Converted unmounted aluminum foil packaging products	X	D	S
	930000	Receipts for work done for others on their materials	X	21 964	.29
	9300000	Receipts for work done for others on their materials	X	21 964	.29
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 416	.20
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 416	.20
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	130 415	1.73
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	130 415	1.73
	999999	All other products made in this industry	X	32 160	.43
	9999999	All other products made in this industry	X	36 255	.48
326113		Unlaminated plastics film and sheet (except packaging) manufacturing	13 465 198	X	100.00
	313320	Fabric coating mills	X	141 260	1.05
	3133201	Vinyl coated fabrics, including expanded vinyl coated	X	D	S
	3133205	Other coated or laminated fabrics and coated yarns	X	D	S
	322221	Coated and laminated packaging paper and plastics film manufacturing	X	D	S
	3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	X	D	S
	3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	D	S
	322222	Coated and laminated paper manufacturing	X	D	S
	3222225	Pressure-sensitive products	X	D	S
	3222228	Converted foil for nonpackaging applications	X	D	S
	323113	Commercial screen printing	X	D	S
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	D	S
	323115	Digital printing	X	D	S
	3231150	Digital printing	X	D	S
	325199	All other basic organic chemical manufacturing	X	D	S
	325199R	Other synthetic organic chemicals	X	D	S
	325211	Plastics material and resin manufacturing	X	152 012	1.13
	3252111	Thermoplastic resins and plastics materials	X	D	S
	3252114	Thermosetting resins and plastics materials	X	D	S
	325510	Paint and coating manufacturing	X	D	S
	3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings	X	D	S
	325520	Adhesive manufacturing	X	D	S
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S
	326111	Plastics bag manufacturing	X	278 881	2.07
	3261111	Single-web film specialty bags, pouches, and liners	X	D	S
	3261113	Multiweb film/film combination specialty bags, pouches, and liners	X	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	197 259	1.46
	3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	197 259	1.46
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	11 397 164	84.64
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	11 397 164	84.64
	326121	Unlaminated plastics profile shape manufacturing	X	56 483	.42
	3261210	Unlaminated plastics profile shapes	X	56 483	.42
	326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing	X	206 046	1.53
	3261300	Thermosetting plastics laminates (excluding flexible packaging)	X	206 046	1.53
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	D	S
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	X	D	S
	326199	All other plastics product manufacturing	X	53 349	.40
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	D	S
	3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	X	D	S
	3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	X	D	S
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
326113	326199	Unlaminated plastics film and sheet (except packaging) manufacturing—Con.				
	326199B	All other plastics product manufacturing—Con.				
		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	18 530	.14	
	326299	All other rubber product manufacturing	X	D	S	
	3262997	All other industrial rubber products	X	D	S	
	327212	Other pressed and blown glass and glassware manufacturing	X	D	S	
	3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	X	D	S	
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S	
	3329992	Converted unmounted aluminum foil packaging products	X	D	S	
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S	
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S	
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S	
	3345130	Process control instruments	X	D	S	
	930000	Receipts for work done for others on their materials	X	43 755	.32	
	9300000	Receipts for work done for others on their materials	X	43 755	.32	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	65 614	.49	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	65 614	.49	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	327 910	2.44	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	327 910	2.44	
	999999	All other products made in this industry	X	35 724	.27	
	9999999	All other products made in this industry	X	43 496	.32	
	326121		Unlaminated plastics profile shape manufacturing	5 378 050	X	100.00
325211		Plastics material and resin manufacturing	X	73 642	1.37	
3252111		Thermoplastic resins and plastics materials	X	71 055	1.32	
326112		Plastics packaging film and sheet (including laminated) manufacturing	X	D	S	
326113		Unlaminated plastics film and sheet (except packaging) manufacturing	X	50 346	.94	
3261130		Unlaminated plastics film and sheet, excluding packaging	X	50 346	.94	
326121		Unlaminated plastics profile shape manufacturing	X	4 682 717	87.07	
3261210		Unlaminated plastics profile shapes	X	4 682 717	87.07	
326140		Polystyrene foam product manufacturing	X	D	S	
3261402		Packaging, polystyrene foam products	X	19 045	.35	
3261405		Consumer and institutional polystyrene foam products	X	D	S	
326150		Urethane and other foam product (except polystyrene) manufacturing	X	D	S	
3261505		Consumer and institutional polyurethane foam products	X	D	S	
326160		Plastics bottle manufacturing	X	D	S	
3261600		Plastics bottles	X	D	S	
326199		All other plastics product manufacturing	X	57 124	1.06	
3261991		Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	7 565	.14	
3261992		Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	X	D	S	
3261994		Plastics packaging (excluding film and sheet, foam, and bottles)	X	D	S	
326199A		All other reinforced and fiberglass plastics products	X	D	S	
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
332618		Other fabricated wire product manufacturing	X	D	S	
3326181		Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	X	D	S	
333511		Industrial mold manufacturing	X	6 505	.12	
3335110		Industrial molds and mold boxes	X	6 505	.12	
334415		Electronic resistor manufacturing	X	D	S	
3344150		Resistors for electronic circuitry	X	D	S	
334417		Electronic connector manufacturing	X	D	S	
3344177		Rack and panel (rectangular) connectors for electronic circuitry	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 116	.19	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 116	.19	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	96 960	1.80	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	96 960	1.80	
999999		All other products made in this industry	X	23 513	.44	
9999999		All other products made in this industry	X	34 116	.63	
326122			Plastics pipe and pipe fitting manufacturing	5 481 041	X	100.00
		326122	Plastics pipe and pipe fitting manufacturing	X	5 161 987	94.18
		3261221	Plastics pipe	X	4 389 666	80.09
	3261223	Plastics pipe fittings and unions	X	D	S	
	326122W	Plastics pipe and pipe fitting manufacturing, total	X	D	S	
	326199	All other plastics product manufacturing	X	86 235	1.57	
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	7 041	.13	
	3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	X	D	S	
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	55 221	1.01	
	3261999	Plastics shoe products, including taps, soles, slabs, and quarterlinings	X	D	S	
	332919	Other metal valve and pipe fitting manufacturing	X	D	S	
	3329191	Plumbing and heating valves and specialties, except plumbers' brass goods	X	D	S	
	333132	Oil and gas field machinery and equipment manufacturing	X	D	S	
	3331325	Oil and gas field production machinery and equipment (except pumps)	X	D	S	
	333511	Industrial mold manufacturing	X	7 104	.13	
	3335110	Industrial molds and mold boxes	X	7 104	.13	
	335932	Noncurrent-carrying wiring device manufacturing	X	32 554	.59	
	3359323	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings	X	32 554	.59	
	930000	Receipts for work done for others on their materials	X	5 539	.10	
	9300000	Receipts for work done for others on their materials	X	5 539	.10	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
326122		Plastics pipe and pipe fitting manufacturing—Con.			
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	129 849	2.37
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	129 849	2.37
	999999	All other products made in this industry	X	37 660	.69
	9999999	All other products made in this industry	X	47 185	.86
326130		Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	2 264 376	X	100.00
	322222	Coated and laminated paper manufacturing	X	D	S
	3222228	Converted foil for nonpackaging applications	X	D	S
	325211	Plastics material and resin manufacturing	X	D	S
	3252114	Thermosetting resins and plastics materials	X	D	S
	325510	Paint and coating manufacturing	X	D	S
	325510B	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc.	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	34 645	1.53
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	34 645	1.53
	326121	Unlaminated plastics profile shape manufacturing	X	D	S
	3261210	Unlaminated plastics profile shapes	X	D	S
	326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing ..	X	1 971 378	87.06
	3261300	Thermosetting plastics laminates (excluding flexible packaging)	X	1 971 378	87.06
	326199	All other plastics product manufacturing	X	17 506	.77
	326199A	All other reinforced and fiberglass plastics products	X	13 841	.61
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	60 614	2.68
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	60 614	2.68
	999999	All other products made in this industry	X	23 277	1.03
	9999999	All other products made in this industry	X	27 432	1.21
326140		Polystyrene foam product manufacturing	6 459 579	X	100.00
	322211	Corrugated and solid fiber box manufacturing	X	D	S
	3222110	Corrugated and solid fiber boxes, including pallets	X	D	S
	322233	Stationery, tablet, and related product manufacturing	X	D	S
	3222333	Tablets, pads, and related products	X	D	S
	323113	Commercial screen printing	X	D	S
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	D	S
	325211	Plastics material and resin manufacturing	X	48 265	.75
	3252111	Thermoplastic resins and plastics materials	X	D	S
	3252114	Thermosetting resins and plastics materials	X	D	S
	326111	Plastics bag manufacturing	X	D	S
	3261111	Single-web film specialty bags, pouches, and liners	X	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	D	S
	3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	326121	Unlaminated plastics profile shape manufacturing	X	D	S
	3261210	Unlaminated plastics profile shapes	X	D	S
	326140	Polystyrene foam product manufacturing	X	5 498 517	85.12
	3261401	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components)	X	396 538	6.14
	3261402	Packaging, polystyrene foam products	X	1 682 119	26.04
	3261403	Building and construction polystyrene foam products	X	812 687	12.58
	3261404	Furniture and furnishings polystyrene foam products	X	31 832	.49
	3261405	Consumer and institutional polystyrene foam products	X	2 012 418	31.15
	3261406	Miscellaneous polystyrene foam products	X	285 899	4.43
	326140W	Polystyrene foam product manufacturing, nsk, total	X	277 024	4.29
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	33 234	.51
	3261502	Packaging polyurethane foam products	X	6 433	.10
	3261503	Building and construction polyurethane foam	X	16 791	.26
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	X	6 062	.09
	326199	All other plastics product manufacturing	X	177 357	2.75
	3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	265 809	4.11
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	265 809	4.11
	999999	All other products made in this industry	X	37 240	.58
	9999999	All other products made in this industry	X	48 093	.74
326150		Urethane and other foam product (except polystyrene) manufacturing	6 970 089	X	100.00
	321912	Cut stock, resawing lumber, and planing	X	D	S
	3219126	Hardwood cut stock and dimension	X	D	S
	322211	Corrugated and solid fiber box manufacturing	X	D	S
	3222110	Corrugated and solid fiber boxes, including pallets	X	D	S
	325211	Plastics material and resin manufacturing	X	59 585	.85
	3252114	Thermosetting resins and plastics materials	X	59 585	.85
	325222	Noncellulosic organic fiber manufacturing	X	D	S
	325222D	Producer-textured manufactured noncellulosic fibers	X	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	D	S
	3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	D	S
	326121	Unlaminated plastics profile shape manufacturing	X	27 605	.40
	3261210	Unlaminated plastics profile shapes	X	27 605	.40

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
326150		Urethane and other foam product (except polystyrene) manufacturing—Con.				
	326140	Polystyrene foam product manufacturing	X	51 432	.74	
	3261401	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components)	X	5 902	.08	
	3261402	Packaging, polystyrene foam products	X	D	S	
	3261405	Consumer and institutional polystyrene foam products	X	D	S	
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	6 388 048	91.65	
	3261501	Transportation polyurethane foam products	X	1 530 873	21.96	
	3261502	Packaging polyurethane foam products	X	346 894	4.98	
	3261503	Building and construction polyurethane foam	X	447 590	6.42	
	3261504	Furniture and furnishings polyurethane foam products	X	2 540 421	36.45	
	3261505	Consumer and institutional polyurethane foam products	X	182 745	2.62	
	3261506	All other miscellaneous polyurethane foam products	X	384 935	5.52	
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	X			
	326150W	Urethane and other foam product (except polystyrene) manufacturing, nsk, total	X	701 177	10.06	
	326199	All other plastics product manufacturing	X	253 413	3.64	
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	54 026	.78	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
	326211	Tire manufacturing (except retreading)	X	7 208	.10	
	326211H	Tread rubber, tire sundries, and repair materials	X	D	S	
	333295	Semiconductor machinery manufacturing	X	D	S	
	3332950	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic)	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 474	.70	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 474	.70	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	183 200	2.63	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	183 200	2.63	
	999999	All other products made in this industry	X	62 645	.90	
	9999999	All other products made in this industry	X	74 682	1.07	
	326160		Plastics bottle manufacturing	7 955 134	X	100.00
		326121	Unlaminated plastics profile shape manufacturing	X	D	S
		3261210	Unlaminated plastics profile shapes	X	D	S
		326122	Plastics pipe and pipe fitting manufacturing	X	D	S
		326122W	Plastics pipe and pipe fitting manufacturing, total	X	D	S
326160		Plastics bottle manufacturing	X	7 658 874	96.28	
3261600		Plastics bottles	X	7 658 874	96.28	
326199		All other plastics product manufacturing	X	140 635	1.77	
3261994		Plastics packaging (excluding film and sheet, foam, and bottles)	X	61 179	.77	
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	39 165	.49	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	39 165	.49	
999999		All other products made in this industry	X	22 528	.28	
9999999		All other products made in this industry	X	36 527	.46	
326191			Plastics plumbing fixture manufacturing	3 134 397	X	100.00
	321992	Prefabricated wood building manufacturing	X	D	S	
	3219927	Prefabricated stationary wood buildings shipped in three-dimensional assemblies	X	D	S	
	326191	Plastics plumbing fixture manufacturing	X	2 849 743	90.92	
	3261910	Plastics plumbing fixtures	X	2 849 743	90.92	
	326199	All other plastics product manufacturing	X	18 189	.58	
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	D	S	
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	8 707	.28	
	327991	Cut stone and stone product manufacturing	X	5 594	.18	
	332913	Plumbing fixture fitting and trim manufacturing	X	D	S	
	3329133	Lavatory and sink fittings (except single control), including drains and overflows (brass goods)	X	D	S	
	332998	Enameled iron and metal sanitary ware manufacturing	X	D	S	
	3329980	Enameled iron and metal sanitary ware	X	D	S	
	333515	Cutting tool and machine tool accessory manufacturing	X	D	S	
	3335151	Small cutting tools for machine tools and metalworking machinery	X	D	S	
	335211	Electric housewares and household fan manufacturing	X	D	S	
	3352114	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 968	.29	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 968	.29	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	122 231	3.90	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	122 231	3.90	
	999999	All other products made in this industry	X	35 393	1.13	
	9999999	All other products made in this industry	X	45 094	1.44	
326192		Resilient floor covering manufacturing	1 697 634	X	100.00	
	326192	Resilient floor covering manufacturing	X	D	S	
	3261920	Resilient floor coverings	X	D	S	
	326199	All other plastics product manufacturing	X	D	S	
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
326192	999890	Resilient floor covering manufacturing—Con. Sales of products bought and sold without further manufacture, processing, or assembly	X	174 511	10.28
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	174 511	10.28
	999999	All other products made in this industry	X	1 114	.07
	9999999	All other products made in this industry	X	1 917	.11
326199		All other plastics product manufacturing	73 294 600	X	100.00
	313113	Thread mills	X	D	S
	3131130	Thread mills	X	D	S
	313230	Nonwoven fabric mills	X	D	S
	3132301	Nonwoven fabrics	X	D	S
	314911	Textile bag mills	X	D	S
	3149110	Textile bags	X	D	S
	321911	Wood window and door manufacturing	X	95 308	.13
	3219111	Wood window units	X	81 267	.11
	3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	X	D	S
	321918	Other millwork (including flooring)	X	26 942	.04
	3219181	Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	D	S
	3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	D	S
	321920	Wood container and pallet manufacturing	X	6 444	.01
	321999	All other miscellaneous wood product manufacturing	X	23 635	.03
	3219990	All other miscellaneous wood product manufacturing	X	23 635	.03
	322211	Corrugated and solid fiber box manufacturing	X	73 070	.10
	3222110	Corrugated and solid fiber boxes, including pallets	X	73 070	.10
	322212	Folding paperboard box manufacturing	X	9 545	.01
	3222120	Folding paperboard boxes, packaging, and packaging components	X	9 545	.01
	322214	Fiber can, tube, drum, and similar products manufacturing	X	D	S
	3222143	Fiber cans, tubes, and similar fiber products	X	D	S
	322215	Nonfolding sanitary food container manufacturing	X	D	S
	3222153	Cups and liquid-tight paper and paperboard containers	X	D	S
	322221	Coated and laminated packaging paper and plastics film manufacturing	X	D	S
	3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	X	D	S
	322226	Surface-coated paperboard manufacturing	X	D	S
	3222260	Pasted, lined, laminated, or surface-coated paperboard	X	D	S
	322299	All other converted paper product manufacturing	X	10 620	.01
	3222993	Miscellaneous converted paper and paperboard products	X	10 620	.01
	323110	Commercial lithographic printing	X	D	S
	3231103	Label and wrapper printing (lithographic)	X	D	S
	323113	Commercial screen printing	X	5 080	.01
	325211	Plastics material and resin manufacturing	X	50 968	.07
	3252111	Thermoplastic resins and plastics materials	X	44 804	.06
	3252114	Thermosetting resins and plastics materials	X	6 040	.01
	325520	Adhesive manufacturing	X	17 357	.02
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	10 549	.01
	3255207	Structural sealants (load-bearing)	X	D	S
	325612	Polish and other sanitation good manufacturing	X	12 720	.02
	3256125	Specialty cleaning and sanitation products	X	12 720	.02
	325991	Custom compounding of purchased resins	X	D	S
	3259911	Custom compounding of purchased resins and color concentrates	X	D	S
	326111	Plastics bag manufacturing	X	D	S
	3261113	Multiweb film/film combination specialty bags, pouches, and liners	X	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	X	D	S
	3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	85 138	.12
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	85 138	.12
	326121	Unlaminated plastics profile shape manufacturing	X	65 852	.09
	3261210	Unlaminated plastics profile shapes	X	65 852	.09
	326122	Plastics pipe and pipe fitting manufacturing	X	126 950	.17
	3261221	Plastics pipe	X	101 350	.14
	3261223	Plastics pipe fittings and unions	X	25 489	.03
	326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing	X	39 160	.05
	3261300	Thermosetting plastics laminates (excluding flexible packaging)	X	39 160	.05
	326140	Polystyrene foam product manufacturing	X	68 251	.09
	3261401	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components)	X	D	S
	3261405	Consumer and institutional polystyrene foam products	X	57 230	.08
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	88 289	.12
	3261505	Consumer and institutional polyurethane foam products	X	48 508	.07
	3261506	All other miscellaneous polyurethane foam products	X	5 049	.01
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	X	29 103	.04
	326160	Plastics bottle manufacturing	X	70 974	.10
	3261600	Plastics bottles	X	70 974	.10
	326191	Plastics plumbing fixture manufacturing	X	90 327	.12
	3261910	Plastics plumbing fixtures	X	90 327	.12
	326199	All other plastics product manufacturing	X	66 548 543	90.80
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	14 425 705	19.68
	3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	X	4 438 359	6.06
	3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	X	1 293 391	1.76
	3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	X	8 665 722	11.82
	3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	X	1 926 851	2.63
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	8 638 911	11.79
	3261999	Plastics shoe products, including taps, soles, slabs, and quarterlinings	X	135 790	.19
	326199A	All other reinforced and fiberglass plastics products	X	4 879 237	6.66
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	15 149 568	20.67

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
326199		All other plastics product manufacturing—Con.			
	326199W	All other plastics product manufacturing—Con.			
	326291	All other plastics product manufacturing, nsk, total	X	6 995 009	9.54
	3262911	Rubber product manufacturing for mechanical use	X	53 067	.07
	326299	Molded rubber mechanical goods automotive	X	D	S
	326299B	All other rubber product manufacturing	X	40 348	.06
	327215	All other miscellaneous rubber goods	X	34 636	.05
	327215B	Glass product manufacturing made of purchased glass	X	11 172	.02
	327390	Other glass products, made from purchased glass	X	8 975	.01
	3273901	Other concrete product manufacturing	X	10 748	.01
	327991	Precast concrete products	X	10 748	.01
	3279911	Cut stone and stone product manufacturing	X	21 971	.03
	3279917	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite)	X	D	S
	327991W	Dressed dimension marble and other stone	X	D	S
	331319	Cut stone and stone product manufacturing, nsk, total	X	6 906	.01
	331319D	Other aluminum rolling and drawing	X	D	S
	331522	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	D	S
	3315220	Nonferrous (except aluminum) die-casting foundries	X	D	S
	332115	Nonferrous (except aluminum) die-castings	X	D	S
	3321150	Crown and closure manufacturing	X	D	S
	332116	Crowns and closures	X	D	S
	332311	Metal stamping	X	12 619	.02
	3323113	Prefabricated metal building and component manufacturing	X	7 524	.01
	332312	Other prefabricated and portable metal buildings and parts	X	7 282	.01
	3323121	Fabricated structural metal manufacturing	X	22 431	.03
	3323125	Fabricated structural metal bar joists and concrete reinforcing bars	X	D	S
	332321	Other fabricated structural metal	X	D	S
	3323211	Metal window and door manufacturing	X	239 535	.33
	3323213	Metal doors (except storm doors)	X	75 344	.10
	3323217	Metal windows (except storm sash)	X	109 634	.15
	3323219	Metal combination screen, storm sash, and storm doors	X	25 821	.04
	332322	Metal window and door screens (except combination) and metal weather strip	X	25 725	.04
	3323221	Sheet metal work manufacturing	X	20 068	.03
	332322G	Sheet metal air-conditioning ducts and stove pipe	X	D	S
	332323	Other sheet metal work	X	D	S
	3323239	Ornamental and architectural metal work manufacturing	X	12 327	.02
	332510	Other architectural and ornamental work	X	D	S
	3325104	Hardware manufacturing	X	12 061	.02
	332618	Builders' hardware	X	6 573	.01
	332618B	Other fabricated wire product manufacturing	X	6 362	.01
	332710	Other ferrous wire products (excluding springs), made from purchased wire	X	6 362	.01
	3327100	Machine shops	X	13 267	.02
	332911	Receipts for machine shop job work and job order repairs	X	13 267	.02
	332911H	Industrial valve manufacturing	X	D	S
	332999	Solenoid-operated valves and parts, except nuclear and fluid power transfer	X	D	S
	332999B	All other miscellaneous fabricated metal product manufacturing	X	D	S
	333112	Metal ladders	X	D	S
	3331127	All other miscellaneous fabricated metal products	X	23 511	.03
	333210	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	19 139	.03
	3332103	Parts and attachments for consumer lawn, garden, and snow equipment	X	15 185	.02
	333220	Sawmill and woodworking machinery manufacturing	X	D	S
	3332201	Woodworking machinery, including parts, attachments, and accessories	X	D	S
	333295	Plastics and rubber industry machinery manufacturing	X	29 953	.04
	3332950	Plastics-working machinery and equipment, excluding patterns and molds	X	29 953	.04
	333298	Semiconductor machinery manufacturing	X	D	S
	3332987	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic)	X	D	S
	333319	All other industrial machinery manufacturing	X	D	S
	333319A	All other miscellaneous special industry machinery and equipment	X	D	S
	3333195	Other commercial and service industry machinery manufacturing	X	28 702	.04
	333319A	Automotive maintenance equipment, except handtools	X	D	S
	333414	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	D	S
	333414A	Heating equipment (except warm air furnaces) manufacturing	X	D	S
	333415	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	D	S
	333415D	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	11 168	.02
	333511	Parts and accessories for air-conditioning and heat transfer equipment	X	5 610	.01
	3335110	Industrial mold manufacturing	X	455 744	.62
	333514	Industrial molds and mold boxes	X	455 744	.62
	3335140	Special die and tool, die set, jig, and fixture manufacturing	X	31 830	.04
	333911	Special dies, tools, jigs, and fixtures	X	31 830	.04
	3339111	Pump and pumping equipment manufacturing	X	5 643	.01
	3339113	Pump and pumping equipment	X	5 028	.01
	333931	Packaging machinery manufacturing	X	23 139	.03
	3339313	Packing, packaging, and bottling machinery (except parts)	X	D	S
	333935	Parts for packing, packaging, and bottling machinery	X	D	S
	333994	Industrial process furnace and oven manufacturing	X	D	S
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	X	D	S
	334417	Electronic connector manufacturing	X	D	S
	334417D	Other connectors for electronic circuitry, including parts	X	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S
	3345130	Process control instruments	X	D	S
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S
	3345145	Motor vehicle instruments	X	D	S
	335121	Residential electric lighting fixture manufacturing	X	D	S
	3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351291	Outdoor lighting equipment (including parts and accessories)	X	D	S
	335929	Other communication and energy wire manufacturing	X	D	S
	335929E	Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	3359991	Capacitors for industrial use (except for electronic circuitry)	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
326199		All other plastics product manufacturing—Con.			
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	D	S
	3363115	Valves (engine intake and exhaust)	X	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	D	S
	3363301	Motor vehicle steering and suspension components, new	X	D	S
	336360	Motor vehicle seating and interior trim manufacturing	X	6 346	.01
	336370	Motor vehicle metal stamping	X	D	S
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	336612	Boat building	X	D	S
	3366128	All other boats (excluding military and commercial)	X	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	X	26 033	.04
	337110B	Wood and plastics laminated wood kitchen cabinet tops	X	17 810	.02
	337124	Metal household furniture manufacturing	X	8 842	.01
	3371244	Metal outdoor and casual furniture, including beach, lawn, garden, and porch furniture	X	D	S
	337125	Household furniture (except wood and metal) manufacturing	X	8 367	.01
	3371250	Nonupholstered household furniture (except wood and metal)	X	8 367	.01
	337215	Showcase, partition, shelving, and locker manufacturing	X	131 895	.18
	337215L	Hardwood and softwood furniture dimension fully machined ready for assembly	X		
	339112	Surgical and medical instrument manufacturing	X	119 215	.16
	3391120	Surgical and medical instruments	X	14 623	.02
	339113	Surgical appliance and supplies manufacturing	X	14 623	.02
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	20 296	.03
	3391136	Personal industrial and nonindustrial safety equipment and clothing	X	5 903	.01
	339920	Sporting and athletic goods manufacturing	X	14 393	.02
	3399201	Fishing tackle and equipment	X	152 033	.21
	3399203	Golf equipment, excluding apparel and shoes	X	D	S
	339920A	Other sporting and athletic goods	X	D	S
	339932	Game, toy, and children's vehicle manufacturing	X	92 307	.13
	3399328	Other nonelectronic toys, including parts	X	9 805	.01
	339950	Sign manufacturing	X	7 934	.01
	3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	30 797	.04
	339991	Gasket, packing, and sealing device manufacturing	X	29 441	.04
	3399913	Nonmetallic gaskets and gasketing	X	36 403	.05
	3399915	Molded packings and seals	X	D	S
	3399917	Metallic gaskets and machined seals	X	8 041	.01
	339993	Fastener, button, needle, and pin manufacturing	X	D	S
	3399935	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones	X	D	S
	339994	Broom, brush, and mop manufacturing	X	D	S
	3399945	Other brushes	X	D	S
	339995	Burial casket manufacturing	X	D	S
	3399955	Other burial caskets and coffins, including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's caskets and coffins	X	D	S
	339999	All other miscellaneous manufacturing	X	20 801	.03
	339999E	Mirror and picture frames and framed pictures	X	D	S
	339999K	All other miscellaneous fabricated products	X	D	S
	930000	Receipts for work done for others on their materials	X	117 710	.16
	9300000	Receipts for work done for others on their materials	X	117 710	.16
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 233	.24
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 233	.24
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 781 864	3.80
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 781 864	3.80
	999999	All other products made in this industry	X	192 253	.26
	9999999	All other products made in this industry	X	328 810	.45
	326211		Tire manufacturing (except retreading)	13 457 104	X
326211		Tire manufacturing (except retreading)	X	12 731 197	94.61
3262111		Passenger car pneumatic tires (casings)	X	6 238 469	46.36
3262113		Truck and bus (including off-the-highway pneumatic tires)	X	4 440 394	33.00
3262117		Tractor and implement (farm and industrial) pneumatic tires	X	492 224	3.66
3262119		Industrial and utility pneumatic tires (including garden)	X	232 378	1.73
326211B		Other pneumatic tires and casing including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home	X	234 990	1.75
326211D		Solid and semipneumatic tires	X	D	S
326211F		Inner tubes	X	D	S
326211H		Tread rubber, tire sundries, and repair materials	X	691 288	5.14
326211W		Tires manufacturing (except retreading), nsk, total	X	158 334	1.18
326212		Tire retreading	X	D	S
3262120		Tire rebuilding and retreading	X	D	S
326299		All other rubber product manufacturing	X	203 096	1.51
3262996		Rubber compounds or mixtures for sale or interplant transfer	X	195 006	1.45
332912		Fluid power valve and hose fitting manufacturing	X	D	S
332912L		Nonaerospace type hydraulic and pneumatic fittings and couplings for hose	X	D	S
333912		Air and gas compressor manufacturing	X	D	S
3339121		Air and gas compressors and vacuum pumps	X	D	S
336399		All other motor vehicle parts manufacturing	X	D	S
3363998		All other motor vehicle parts and accessories, new and rebuilt	X	D	S
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	260 206	1.93
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	260 206	1.93
999999		All other products made in this industry	X	24 886	.18
9999999		All other products made in this industry	X	33 106	.25

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
326212		Tire retreading	1 287 360	X	100.00	
	326211	Tire manufacturing (except retreading)	X	D	S	
	326212	Tire retreading	X	D	S	
	3262120	Tire rebuilding and retreading	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	60 714	4.72	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	60 714	4.72	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	362 171	28.13	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	362 171	28.13	
	999999	All other products made in this industry	X	2 645	.21	
	9999999	All other products made in this industry	X	8 100	.63	
326220		Rubber and plastics hoses and belting manufacturing	4 020 795	X	100.00	
	325199	All other basic organic chemical manufacturing	X	D	S	
	325199N	Synthetic organic plasticizers	X	D	S	
	325211	Plastics material and resin manufacturing	X	D	S	
	3252111	Thermoplastic resins and plastics materials	X	D	S	
	325991	Custom compounding of purchased resins	X	D	S	
	3259911	Custom compounding of purchased resins and color concentrates	X	D	S	
	326199	All other plastics product manufacturing	X	D	S	
	3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	X	D	S	
	326211	Tire manufacturing (except retreading)	X	D	S	
	326211H	Tread rubber, tire sundries, and repair materials	X	D	S	
	326220	Rubber and plastics hoses and belting manufacturing	X	3 640 544	90.54	
	3262201	Flat rubber and plastics belts and belting	X	617 431	15.36	
	3262202	Rubber and plastics transmission belts and belting other than flat	X	746 607	18.57	
	3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	X	702 435	17.47	
	3262204	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose)	X	526 185	13.09	
	3262205	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	X	145 280	3.61	
	3262206	Rubber and plastics garden hose (with or without fittings)	X	D	S	
	3262207	Rubber and plastics inner tube type air hose (other than pneumatic power transfer)	X	93 241	2.32	
	3262208	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.)	X	D	S	
	326220W	Rubber and plastics hoses and belting manufacturing, nsk, total	X	162 361	4.04	
	326291	Rubber product manufacturing for mechanical use	X	19 245	.48	
	3262912	Molded rubber mechanical goods, transportation (excluding automotive) and off-highway machinery and equipment	X	D	S	
	326299	All other rubber product manufacturing	X	60 508	1.50	
	3262996	Rubber compounds or mixtures for sale or interplant transfer	X	D	S	
	3262997	All other industrial rubber products	X	6 777	.17	
	332912	Fluid power valve and hose fitting manufacturing	X	31 098	.77	
	332912J	Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems	X	D	S	
	332912N	Nonaerospace type hydraulic and pneumatic assemblies of hose	X	D	S	
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S	
	3329995	Miscellaneous machinery products	X	D	S	
	333922	Conveyor and conveying equipment manufacturing	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	68 499	1.70	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	68 499	1.70	
	999999	All other products made in this industry	X	26 242	.65	
	9999999	All other products made in this industry	X	53 709	1.34	
	326291		Rubber product manufacturing for mechanical use	7 510 421	X	100.00
		325199	All other basic organic chemical manufacturing	X	D	S
		325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S
		325211	Plastics material and resin manufacturing	X	D	S
		3252111	Thermoplastic resins and plastics materials	X	D	S
		3252114	Thermosetting resins and plastics materials	X	D	S
		325212	Synthetic rubber manufacturing	X	D	S
3252120		Synthetic rubber (vulcanizable elastomers)	X	D	S	
326150		Urethane and other foam product (except polystyrene) manufacturing	X	D	S	
3261505		Consumer and institutional polyurethane foam products	X	D	S	
326199		All other plastics product manufacturing	X	17 151	.23	
3261992		Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	X	D	S	
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
326220		Rubber and plastics hoses and belting manufacturing	X	84 004	1.12	
3262202		Rubber and plastics transmission belts and belting other than flat	X	D	S	
3262203		Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	X	D	S	
326291		Rubber product manufacturing for mechanical use	X	6 725 980	89.56	
3262911		Molded rubber mechanical goods automotive	X	3 210 417	42.75	
3262912		Molded rubber mechanical goods, transportation (excluding automotive) and off-highway machinery and equipment	X	558 747	7.44	
3262913		Other molded rubber mechanical goods	X	979 552	13.04	
3262914		Extruded rubber mechanical goods, automotive, excluding tubing	X	1 102 947	14.69	
3262915		Other extruded rubber mechanical goods (excluding automotive)	X	363 554	4.84	
3262916		Lathe-cut rubber mechanical goods, automotive and transportation (including on- and off-road, and gasoline and diesel equipment)	X	52 803	.70	
3262917		Other lathe-cut rubber mechanical goods (excluding automotive and transportation)	X	79 115	1.05	
326291W		Rubber product manufacturing for mechanical use, nsk, total	X	378 845	5.04	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
326291		Rubber product manufacturing for mechanical use—Con.			
	326299	All other rubber product manufacturing	X	200 604	2.67
	3262991	Rubber sponge, expanded and foam rubber products	X	16 044	.21
	3262993	Rubber floor and wall coverings	X	15 708	.21
	3262996	Rubber compounds or mixtures for sale or interplant transfer	X	139 339	1.86
	3262997	All other industrial rubber products	X	22 246	.30
	326299B	All other miscellaneous rubber goods	X	6 287	.08
	333515	Cutting tool and machine tool accessory manufacturing	X	D	S
	3335153	Other attachments and accessories for machine tools and metalworking machinery	X	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	D	S
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S
	336312	Gasoline engine and engine parts manufacturing	X	D	S
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	339920	Sporting and athletic goods manufacturing	X	D	S
	339991	Gasket, packing, and sealing device manufacturing	X	85 698	1.14
	3399913	Nonmetallic gaskets and gasketing	X	23 456	.31
	3399915	Molded packings and seals	X	62 242	.83
	930000	Receipts for work done for others on their materials	X	8 271	.11
	9300000	Receipts for work done for others on their materials	X	8 271	.11
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	248 836	3.31
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	248 836	3.31
	999999	All other products made in this industry	X	39 024	.52
	9999999	All other products made in this industry	X	53 666	.71
326299		All other rubber product manufacturing	6 778 762	X	100.00
	314110	Carpet and rug mills	X	D	S
	3141103	Tufted carpet and rugs	X	D	S
	314992	Tire cord and tire fabric mills	X	D	S
	3149920	Tire cord and tire fabrics	X	D	S
	322222	Coated and laminated paper manufacturing	X	12 824	.19
	3222225	Pressure-sensitive products	X	D	S
	322291	Sanitary paper product manufacturing	X	D	S
	3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	X	D	S
	325520	Adhesive manufacturing	X	53 503	.79
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	53 080	.78
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	10 844	.16
	326160	Plastics bottle manufacturing	X	D	S
	3261600	Plastics bottles	X	D	S
	326192	Resilient floor covering manufacturing	X	35 404	.52
	3261920	Resilient floor coverings	X	35 404	.52
	326199	All other plastics product manufacturing	X	33 383	.49
	3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	X	D	S
	3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	7 429	.11
	326291	Rubber product manufacturing for mechanical use	X	138 817	2.05
	3262911	Molded rubber mechanical goods automotive	X	D	S
	3262912	Molded rubber mechanical goods, transportation (excluding automotive) and off-highway machinery and equipment	X	26 316	.39
	3262913	Other molded rubber mechanical goods	X	42 273	.62
	3262914	Extruded rubber mechanical goods, automotive, excluding tubing	X	10 387	.15
	3262915	Other extruded rubber mechanical goods (excluding automotive)	X	31 114	.46
	326299	All other rubber product manufacturing	X	5 564 053	82.08
	3262991	Rubber sponge, expanded and foam rubber products	X	771 476	11.38
	3262993	Rubber floor and wall coverings	X	661 009	9.75
	3262994	Shoe products, rubber, elastomer resin	X	75 241	1.11
	3262996	Rubber compounds or mixtures for sale or interplant transfer	X	1 352 071	19.95
	3262997	All other industrial rubber products	X	1 105 496	16.31
	326299A	Rubber druggist and medical sundries, excluding household gloves	X	462 064	6.82
	326299B	All other miscellaneous rubber goods	X	529 784	7.82
	326299W	All other rubber product manufacturing, nsk, total	X	606 912	8.95
	333291	Paper industry machinery manufacturing	X	D	S
	333291W	Paper industry machinery manufacturing, nsk, total	X	D	S
	336360	Motor vehicle seating and interior trim manufacturing	X	D	S
	3363601	Automobile trimmings	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	D	S
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	31 922	.47
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	D	S
	3391136	Personal industrial and nonindustrial safety equipment and clothing	X	D	S
	339932	Game, toy, and children's vehicle manufacturing	X	D	S
	3399328	Other nonelectronic toys, including parts	X	6 946	.10
	339991	Gasket, packing, and sealing device manufacturing	X	37 000	.55
	3399913	Nonmetallic gaskets and gasketing	X	12 291	.18
	3399915	Molded packings and seals	X	24 709	.36
	339999	All other miscellaneous manufacturing	X	D	S
	339999K	All other miscellaneous fabricated products	X	D	S
	930000	Receipts for work done for others on their materials	X	11 810	.17
	9300000	Receipts for work done for others on their materials	X	11 810	.17
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	30 960	.46
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	30 960	.46
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	603 617	8.90
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	603 617	8.90
	999999	All other products made in this industry	X	67 643	1.00
	9999999	All other products made in this industry	X	100 908	1.49

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
327111		Vitreous china and earthenware plumbing fixture and accessories mfg	1 136 525	X	100.00	
	326191	Plastics plumbing fixture manufacturing	X	D	S	
	3261910	Plastics plumbing fixtures	X	D	S	
	3271111	Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing	X	979 448	86.18	
	3271110	Vitreous plumbing fixtures	X	979 448	86.18	
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	X	D	S	
	3271125	All other pottery products (including china decorated for the trade)	X	D	S	
	332919	Other metal valve and pipe fitting manufacturing	X	D	S	
	3329194	Metal fittings, flanges, and unions for piping systems	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	35 792	3.15	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	35 792	3.15	
	999999	All other products made in this industry	X	932	.08	
	9999999	All other products made in this industry	X	932	.08	
	327112		Vitreous china, fine earthenware, and other pottery product manufacturing	1 040 337	X	100.00
327112		Vitreous china, fine earthenware, and other pottery product manufacturing	X	880 983	84.68	
3271121		Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)	X	D	S	
3271125		All other pottery products (including china decorated for the trade)	X	D	S	
327112W		Vitreous china, fine earthenware, and other pottery product manufacturing, nsk, total	X	71 570	6.88	
339999		All other miscellaneous manufacturing	X	D	S	
3399995		Candles, including tapers	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	117 944	11.34	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	117 944	11.34	
999999		All other products made in this industry	X	18 285	1.76	
9999999		All other products made in this industry	X	18 285	1.76	
327113			Porcelain electrical supply manufacturing	1 137 735	X	100.00
	325188	All other basic inorganic chemical manufacturing	X	D	S	
	325188W	All other basic inorganic chemical manufacturing, nsk, total	X	D	S	
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	X	D	S	
	3271125	All other pottery products (including china decorated for the trade)	X	D	S	
	327113	Porcelain electrical supply manufacturing	X	D	S	
	3271130	Porcelain, steatite, and other ceramic electrical products	X	D	S	
	327212	Other pressed and blown glass and glassware manufacturing	X	D	S	
	3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	X	D	S	
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S	
	3345141	Integrating and totalizing meters for gas and liquids	X	D	S	
	335314	Relay and industrial control manufacturing	X	D	S	
	3353141	Relays for electronic circuitry, industrial control overload, and switchgear type	X	D	S	
	3353143	Specific-purpose industrial controls	X	D	S	
	3353146	General-purpose industrial controls	X	D	S	
	336992	Military armored vehicle, tank, and tank component manufacturing	X	D	S	
	3369920	Military armored vehicles, tanks, and tank components	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	50 668	4.45	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	50 668	4.45	
	999999	All other products made in this industry	X	17 220	1.51	
	9999999	All other products made in this industry	X	17 220	1.51	
	327121		Brick and structural clay tile manufacturing	1 853 360	X	100.00
		327121	Brick and structural clay tile manufacturing	X	D	S
		3271210	Brick and structural clay tile	X	D	S
		327331	Concrete block and brick manufacturing	X	D	S
		3273310	Concrete block and brick	X	D	S
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	82 319	4.44
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	82 319	4.44
		999999	All other products made in this industry	X	10 879	.59
		9999999	All other products made in this industry	X	10 879	.59
		327122		Ceramic wall and floor tile manufacturing	978 394	X
	327122		Ceramic wall and floor tile manufacturing	X	D	S
	3271220		Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile)	X	D	S
	999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
9998900	Sales of products bought and sold without further manufacture, processing, or assembly		X	D	S	
999999	All other products made in this industry		X	2 784	.28	
9999999	All other products made in this industry		X	2 784	.28	
327123		Other structural clay product manufacturing	200 678	X	100.00	
	327121	Brick and structural clay tile manufacturing	X	D	S	
	3271210	Brick and structural clay tile	X	D	S	
	327123	Other structural clay product manufacturing	X	D	S	
	3271231	Vitrified clay sewer pipe and fittings	X	D	S	
	3271234	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	X	D	S	
	999999	All other products made in this industry	X	25 999	12.96	
	9999999	All other products made in this industry	X	30 529	15.21	
327124		Clay refractory manufacturing	871 428	X	100.00	
	327123	Other structural clay product manufacturing	X	D	S	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
327124		Clay refractory manufacturing—Con.			
		Other structural clay product manufacturing—Con.			
	327123	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	X	D	S
	327124	Clay refractory manufacturing	X	794 162	91.13
	3271240	Clay refractories	X	794 162	91.13
	327125	Nonclay refractory manufacturing	X	D	S
	3271250	Nonclay refractories (except dead-burned magnesite)	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	28 520	3.27
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	28 520	3.27
	999999	All other products made in this industry	X	19 901	2.28
	9999999	All other products made in this industry	X	19 901	2.28
	327125		Nonclay refractory manufacturing	1 087 749	X
327124		Clay refractory manufacturing	X	44 519	4.09
3271240		Clay refractories	X	44 519	4.09
327125		Nonclay refractory manufacturing	X	919 035	84.49
3271250		Nonclay refractories (except dead-burned magnesite)	X	919 035	84.49
327992		Ground or treated mineral and earth manufacturing	X	D	S
3279920		Treated minerals and earths	X	D	S
930000		Receipts for work done for others on their materials	X	D	S
9300000		Receipts for work done for others on their materials	X	D	S
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	78 798	7.24
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	78 798	7.24
999999		All other products made in this industry	X	9 104	.84
9999999	All other products made in this industry	X	9 104	.84	
327211		Flat glass manufacturing	2 750 510	X	100.00
	327211	Flat glass manufacturing	X	D	S
	3272111	Flat glass (float, sheet, and plate process), made by flat glass producers	X	D	S
	3272114	Other glass products, made by flat glass producers	X	D	S
	327212	Other pressed and blown glass and glassware manufacturing	X	D	S
	3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	79 335	2.88
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	79 335	2.88
	999999	All other products made in this industry	X	5 301	.19
	9999999	All other products made in this industry	X	7 090	.26
327212		Other pressed and blown glass and glassware manufacturing	4 722 418	X	100.00
	327212	Other pressed and blown glass and glassware manufacturing	X	4 578 417	96.95
	3272121	Glass fiber mat, textile-type, made by establishments producing glass	X	1 489 084	31.53
	3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	X	948 476	20.08
	3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	X	1 276 684	27.03
	3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	X	528 060	11.18
	3272129	Handmade pressed and blown glassware, made by glass producers	X	116 780	2.47
	327212W	Other pressed and blown glass and glassware manufacturing, nsk, total	X	219 333	4.64
	327215	Glass product manufacturing made of purchased glass	X	D	S
	335110	Electric lamp bulb and part manufacturing	X	D	S
	3351103	Electric lamp (bulbs and tubes) components (including bases, supports, leads, filaments, etc.), except lamp bulb blanks	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	29 230	.62
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	29 230	.62
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	88 482	1.87
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	88 482	1.87
	999999	All other products made in this industry	X	12 526	.27
9999999	All other products made in this industry	X	18 168	.38	
327213		Glass container manufacturing	4 359 939	X	100.00
	327212	Other pressed and blown glass and glassware manufacturing	X	D	S
	3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	X	D	S
	327213	Glass container manufacturing	X	D	S
	3272130	Glass containers	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999999	All other products made in this industry	X	3 512	.08
	9999999	All other products made in this industry	X	3 512	.08
	327215		Glass product manufacturing made of purchased glass	10 597 533	X
321911		Wood window and door manufacturing	X	D	S
3219117		Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	X	D	S
321912		Cut stock, resawing lumber, and planing	X	D	S
3219126		Hardwood cut stock and dimension	X	D	S
326160		Plastics bottle manufacturing	X	D	S
3261600		Plastics bottles	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
327215		Glass product manufacturing made of purchased glass—Con.			
	326199	All other plastics product manufacturing	X	26 767	.25
	326199A	Plastics packaging (excluding film and sheet, foam, and bottles)	X	D	S
	326199B	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	5 970	.06
	326291	Rubber product manufacturing for mechanical use	X	D	S
	327211	Flat glass manufacturing	X	D	S
	3272111	Flat glass (float, sheet, and plate process), made by flat glass producers	X	D	S
	3272114	Other glass products, made by flat glass producers	X	D	S
	327212	Other pressed and blown glass and glassware manufacturing	X	10 997	.10
	327215	Glass product manufacturing made of purchased glass	X	10 003 139	94.39
	3272151	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass	X	654 163	6.17
	3272153	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass	X	788 285	7.44
	3272155	Handmade pressed and blown glassware, made from purchased glass	X	131 518	1.24
	3272159	Mirrors (decorated and undecorated), made from purchased glass	X	1 290 261	12.18
	327215B	Other glass products, made from purchased glass	X	6 350 767	59.93
	327215W	Glass product manufacturing made of purchased glass, nsk, total	X	788 145	7.44
	332321	Metal window and door manufacturing	X	32 119	.30
	3323211	Metal doors (except storm doors)	X	25 484	.24
	333298	All other industrial machinery manufacturing	X	D	S
	3332987	All other miscellaneous special industry machinery and equipment	X	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	X	D	S
	3334143	Domestic heating stoves (except electric and parts)	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	336399B	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	337122	Nonupholstered wood household furniture manufacturing	X	D	S
	3371221	Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	X	D	S
	337124	Metal household furniture manufacturing	X	D	S
	3371241	Metal dining room and kitchen furniture, including padded and plain chairs and stools	X	D	S
	339999	All other miscellaneous manufacturing	X	8 775	.08
	339999E	Mirror and picture frames and framed pictures	X	D	S
	930000	Receipts for work done for others on their materials	X	19 101	.18
	9300000	Receipts for work done for others on their materials	X	19 101	.18
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 960	.21
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 960	.21
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	308 136	2.91
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	308 136	2.91
	999999	All other products made in this industry	X	23 944	.23
	9999999	All other products made in this industry	X	56 877	.54
327310		Cement manufacturing	7 407 574	X	100.00
	212312	Crushed and broken limestone mining and quarrying	X	29 072	.39
	2123120	Crushed and broken limestone	X	29 072	.39
	212321	Construction sand and gravel mining	X	D	S
	212321W	Construction sand and gravel mining, nsk	X	D	S
	327310	Cement manufacturing	X	7 155 997	96.60
	3273100	Cement, hydraulic (including cost of shipping containers)	X	7 155 997	96.60
	327420	Gypsum product manufacturing	X	D	S
	3274201	Gypsum building materials	X	D	S
	327999	All other nonmetallic mineral product manufacturing	X	D	S
	3279990	All other nonmetallic mineral products	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	149 428	2.02
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	149 428	2.02
	999999	All other products made in this industry	X	22 447	.30
	9999999	All other products made in this industry	X	24 600	.33
327320		Ready-mix concrete manufacturing	21 578 239	X	100.00
	212312	Crushed and broken limestone mining and quarrying	X	35 535	.16
	2123120	Crushed and broken limestone	X	35 535	.16
	212313	Crushed and broken granite mining and quarrying	X	8 044	.04
	2123130	Crushed and broken granite	X	8 044	.04
	212319	Other crushed and broken stone mining and quarrying	X	52 061	.24
	2123190	Bituminous limestone, bituminous sandstone, and other crushed and broken stone	X	52 061	.24
	212321	Construction sand and gravel mining	X	180 333	.84
	2123213	Construction sand and gravel (washed, screened, or otherwise treated)	X	156 370	.72
	212321W	Construction sand and gravel mining, nsk	X	19 874	.09
	213115	Support activities for nonmetallic minerals (except fuels) mining	X	5 025	.02
	2131150	Nonmetallic minerals services (except fuels)	X	5 025	.02
	324121	Asphalt paving mixture and block manufacturing	X	76 422	.35
	3241210	Asphalt paving mixtures and blocks	X	76 422	.35
	325998	All other miscellaneous chemical product and preparation manufacturing	X	5 576	.03
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	5 298	.02
	327310	Cement manufacturing	X	D	S
	3273100	Cement, hydraulic (including cost of shipping containers)	X	D	S
	327320	Ready-mix concrete manufacturing	X	20 144 863	93.36
	3273200	Ready-mix concrete	X	20 144 863	93.36

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
327320		Ready-mix concrete manufacturing—Con.			
	327331	Concrete block and brick manufacturing	X	145 780	.68
	3273310	Concrete block and brick	X	145 780	.68
	327332	Concrete pipe manufacturing	X	D	S
	3273320	Concrete pipe	X	D	S
	327390	Other concrete product manufacturing	X	43 551	.20
	3273901	Precast concrete products	X	31 842	.15
	3273904	Prestressed concrete products	X	11 664	.05
	327992	Ground or treated mineral and earth manufacturing	X	11 123	.05
	3279920	Treated minerals and earths	X	11 123	.05
	327999	All other nonmetallic mineral product manufacturing	X	38 920	.18
	3279990	All other nonmetallic mineral products	X	38 920	.18
	930000	Receipts for work done for others on their materials	X	45 829	.21
	9300000	Receipts for work done for others on their materials	X	45 829	.21
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	99 622	.46
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	99 622	.46
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	652 903	3.03
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	652 903	3.03
	999999	All other products made in this industry	X	19 731	.09
	9999999	All other products made in this industry	X	24 143	.11
327331		Concrete block and brick manufacturing	4 113 733	X	100.00
	212321	Construction sand and gravel mining	X	13 849	.34
	212321W	Construction sand and gravel mining, nsk	X	13 368	.32
	327320	Ready-mix concrete manufacturing	X	95 643	2.32
	3273200	Ready-mix concrete	X	95 643	2.32
	327331	Concrete block and brick manufacturing	X	3 178 737	77.27
	3273310	Concrete block and brick	X	3 178 737	77.27
	327332	Concrete pipe manufacturing	X	D	S
	3273320	Concrete pipe	X	D	S
	327390	Other concrete product manufacturing	X	42 180	1.03
	3273901	Precast concrete products	X	42 154	1.02
	327999	All other nonmetallic mineral product manufacturing	X	70 286	1.71
	3279990	All other nonmetallic mineral products	X	70 286	1.71
	333298	All other industrial machinery manufacturing	X	D	S
	3332987	All other miscellaneous special industry machinery and equipment	X	D	S
	930000	Receipts for work done for others on their materials	X	18 772	.46
	9300000	Receipts for work done for others on their materials	X	18 772	.46
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 653	.26
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 653	.26
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	650 285	15.81
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	650 285	15.81
	999999	All other products made in this industry	X	19 105	.46
	9999999	All other products made in this industry	X	19 612	.48
327332		Concrete pipe manufacturing	2 591 572	X	100.00
	327320	Ready-mix concrete manufacturing	X	D	S
	3273200	Ready-mix concrete	X	D	S
	327331	Concrete block and brick manufacturing	X	D	S
	3273310	Concrete block and brick	X	D	S
	327332	Concrete pipe manufacturing	X	2 240 055	86.44
	3273320	Concrete pipe	X	2 240 055	86.44
	327390	Other concrete product manufacturing	X	159 362	6.15
	3273901	Precast concrete products	X	125 550	4.84
	3273904	Prestressed concrete products	X	33 812	1.30
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 896	.23
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 896	.23
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	144 444	5.57
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	144 444	5.57
	999999	All other products made in this industry	X	12 181	.47
	9999999	All other products made in this industry	X	12 181	.47
327390		Other concrete product manufacturing	8 828 351	X	100.00
	212312	Crushed and broken limestone mining and quarrying	X	D	S
	2123120	Crushed and broken limestone	X	D	S
	212321	Construction sand and gravel mining	X	D	S
	212321W	Construction sand and gravel mining, nsk	X	D	S
	324121	Asphalt paving mixture and block manufacturing	X	D	S
	3241210	Asphalt paving mixtures and blocks	X	D	S
	324122	Asphalt shingle and coating materials manufacturing	X	D	S
	3241222	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use	X	D	S
	327320	Ready-mix concrete manufacturing	X	43 216	.49
	3273200	Ready-mix concrete	X	43 216	.49
	327331	Concrete block and brick manufacturing	X	32 279	.37
	3273310	Concrete block and brick	X	32 279	.37
	327332	Concrete pipe manufacturing	X	96 701	1.10
	3273320	Concrete pipe	X	96 701	1.10
	327390	Other concrete product manufacturing	X	8 097 006	91.72
	3273901	Precast concrete products	X	5 278 803	59.79
	3273904	Prestressed concrete products	X	1 485 246	16.82
	327390W	Other concrete product manufacturing, nsk, total	X	1 332 957	15.10
	327420	Gypsum product manufacturing	X	D	S
	3274205	Other gypsum products	X	D	S
	327991	Cut stone and stone product manufacturing	X	D	S
	3279911	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite)	X	D	S
	327999	All other nonmetallic mineral product manufacturing	X	9 766	.11
	3279990	All other nonmetallic mineral products	X	9 766	.11

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
327390		Other concrete product manufacturing—Con.				
	930000	Receipts for work done for others on their materials	X	85 673	.97	
	9300000	Receipts for work done for others on their materials	X	85 673	.97	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	74 601	.85	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	74 601	.85	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	295 026	3.34	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	295 026	3.34	
	999999	All other products made in this industry	X	31 352	.36	
	9999999	All other products made in this industry	X	35 371	.40	
	327410		Lime manufacturing	1 015 520	X	100.00
212312		Crushed and broken limestone mining and quarrying	X	D	S	
2123120		Crushed and broken limestone	X	D	S	
327125		Nonclay refractory manufacturing	X	D	S	
3271250		Nonclay refractories (except dead-burned magnesia)	X	D	S	
327410		Lime manufacturing	X	943 844	92.94	
3274100		Lime	X	943 844	92.94	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	8 346	.82	
9999999	All other products made in this industry	X	8 346	.82		
327420		Gypsum product manufacturing	4 174 205	X	100.00	
	212399	All other nonmetallic mineral mining	X	D	S	
	2123994	Gypsum	X	D	S	
	321211	Hardwood veneer and plywood manufacturing	X	D	S	
	3212117	Hardwood plywood type products	X	D	S	
	321219	Reconstituted wood product manufacturing	X	D	S	
	321219W	Reconstituted wood product manufacturing, nsk, total	X	D	S	
	321918	Other millwork (including flooring)	X	10 989	.26	
	3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	D	S	
	322130	Paperboard mills	X	D	S	
	3221307	Recycled paperboard	X	D	S	
	322299	All other converted paper product manufacturing	X	D	S	
	3222993	Miscellaneous converted paper and paperboard products	X	D	S	
	327310	Cement manufacturing	X	D	S	
	3273100	Cement, hydraulic (including cost of shipping containers)	X	D	S	
	327410	Lime manufacturing	X	D	S	
	3274100	Lime	X	D	S	
	327420	Gypsum product manufacturing	X	3 827 914	91.70	
	3274201	Gypsum building materials	X	2 913 360	69.79	
	3274205	Other gypsum products	X	724 667	17.36	
	327420W	Gypsum product manufacturing, nsk, total	X	189 887	4.55	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 432	.13	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 432	.13	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	186 413	4.47	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	186 413	4.47	
	999999	All other products made in this industry	X	11 908	.29	
	9999999	All other products made in this industry	X	24 598	.59	
	327910		Abrasive product manufacturing	3 646 670	X	100.00
		313230	Nonwoven fabric mills	X	D	S
		3132303	Fabricated nonwoven products	X	D	S
313320		Fabric coating mills	X	D	S	
3133205		Other coated or laminated fabrics and coated yarns	X	D	S	
322222		Coated and laminated paper manufacturing	X	D	S	
3222225		Pressure-sensitive products	X	D	S	
325612		Polish and other sanitation good manufacturing	X	D	S	
3256127		Polishing preparations and related products	X	D	S	
326192		Resilient floor covering manufacturing	X	D	S	
3261920		Resilient floor coverings	X	D	S	
326199		All other plastics product manufacturing	X	D	S	
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
327910		Abrasive product manufacturing	X	D	S	
3279101		Nonmetallic sized grains, powders, and flour abrasives (including graded products only)	X	D	S	
3279104		Nonmetallic abrasive products (including diamond abrasives)	X	860 541	23.60	
3279107		Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	X	1 492 729	40.93	
327910A		Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives	X	D	S	
327910W		Abrasive product manufacturing, nsk, total	X	183 155	5.02	
930000		Receipts for work done for others on their materials	X	6 380	.17	
9300000	Receipts for work done for others on their materials	X	6 380	.17		
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	224 860	6.17		
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	224 860	6.17		
999999	All other products made in this industry	X	43 651	1.20		
9999999	All other products made in this industry	X	47 308	1.30		
327991		Cut stone and stone product manufacturing	2 263 510	X	100.00	
	212311	Dimension stone mining and quarrying	X	D	S	
	2123110	Dimension stone	X	D	S	
	212313	Crushed and broken granite mining and quarrying	X	D	S	
	2123130	Crushed and broken granite	X	D	S	
	326199	All other plastics product manufacturing	X	16 087	.71	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
327991	326199	Cut stone and stone product manufacturing—Con.				
	3261998	All other plastics product manufacturing—Con. Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	14 185	.63	
	327991	Cut stone and stone product manufacturing	X	2 091 978	92.42	
	3279911	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite)	X	859 306	37.96	
	3279914	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone)	X	235 282	10.39	
	3279917	Dressed dimension marble and other stone	X	382 826	16.91	
	327991W	Cut stone and stone product manufacturing, nsk, total	X	614 564	27.15	
	337110	Wood kitchen cabinet and countertop manufacturing	X	D	S	
	930000	Receipts for work done for others on their materials	X	14 280	.63	
	9300000	Receipts for work done for others on their materials	X	14 280	.63	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 789	1.05	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 789	1.05	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	70 973	3.14	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	70 973	3.14	
	999999	All other products made in this industry	X	10 719	.47	
9999999	All other products made in this industry	X	18 980	.84		
327992	212324	Ground or treated mineral and earth manufacturing	2 065 017	X	100.00	
	2123240	Kaolin and ball clay mining	X	D	S	
	2123240	Kaolin and ball clay	X	D	S	
	212399	All other nonmetallic mineral mining	X	D	S	
	2123998	Other nonmetallic minerals	X	D	S	
	327125	Nonclay refractory manufacturing	X	D	S	
	3271250	Nonclay refractories (except dead-burned magnesia)	X	D	S	
	327992	Ground or treated mineral and earth manufacturing	X	1 916 609	92.81	
	3279920	Treated minerals and earths	X	1 916 609	92.81	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	37 677	1.82	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	37 677	1.82	
999999	All other products made in this industry	X	18 032	.87		
9999999	All other products made in this industry	X	18 070	.88		
327993	327212	Mineral wool manufacturing	4 923 290	X	100.00	
	3272127	Other pressed and blown glass and glassware manufacturing	X	D	S	
	327993	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	X	D	S	
	3279931	Mineral wool manufacturing	X	D	S	
	3279934	Mineral wool for thermal and acoustical envelope insulation (for homes and commercial, and industrial buildings)	X	2 909 109	59.09	
	327993W	Mineral wool for industrial, equipment, and appliance insulation	X	D	S	
	930000	Receipts for work done for others on their materials	X	415 581	8.44	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	152 135	3.09	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	152 135	3.09	
	999999	All other products made in this industry	X	28 494	.58	
	9999999	All other products made in this industry	X	31 254	.63	
	327999	212321	All other miscellaneous nonmetallic mineral product manufacturing	1 920 773	X	100.00
		325520	Construction sand and gravel mining	X	5 241	.27
		327123	Adhesive manufacturing	X	5 664	.29
3271234		Other structural clay product manufacturing	X	D	S	
327310		All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	X	D	S	
3273100		Cement manufacturing	X	9 927	.52	
327320		Cement, hydraulic (including cost of shipping containers)	X	9 927	.52	
3273200		Ready-mix concrete manufacturing	X	33 218	1.73	
327331		Ready-mix concrete	X	33 218	1.73	
3273310		Concrete block and brick manufacturing	X	30 689	1.60	
3273310		Concrete block and brick	X	30 689	1.60	
327993		Mineral wool manufacturing	X	D	S	
3279934		Mineral wool for industrial, equipment, and appliance insulation	X	D	S	
327999		All other nonmetallic mineral product manufacturing	X	1 658 529	86.35	
3279990		All other nonmetallic mineral products	X	1 658 529	86.35	
999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 109	.79		
9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 109	.79		
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	111 916	5.83		
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	111 916	5.83		
999999	All other products made in this industry	X	35 314	1.84		
9999999	All other products made in this industry	X	46 325	2.41		
331111	331111	Iron and steel mills	45 996 664	X	100.00	
	3311111	Iron and steel mills	X	43 509 682	94.59	
	3311113	Coke oven and blast furnace products, made in steel mills	X	943 347	2.05	
	3311115	Steel ingots and semifinished shapes and forms, made in steel mills	X	3 454 825	7.51	
	3311117	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills	X	15 518 111	33.74	
	3311117	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills	X	10 716 473	23.30	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
331111		Iron and steel mills—Con.				
	331111	Iron and steel mills—Con.				
	3311119	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars	X	D	S	
	331111B	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	X	1 751 747	3.81	
	331111D	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip	X	9 243 496	20.10	
	331111F	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes	X	643 018	1.40	
	331111H	Seamless rolled ring forgings, ferrous, made in steel mills	X	D	S	
	331111J	Open die and smith forgings (hammer and press), ferrous, made in steel mills	X	D	S	
	331111L	Other steel mill products, including steel rails, except wire products	X	545 778	1.19	
	331111W	Iron and steel mills, nsk, total	X	122 207	.27	
	331210	Iron and steel pipe and tube manufacturing from purchased steel	X	746 356	1.62	
	3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	746 356	1.62	
	331221	Rolled steel shape manufacturing	X	784 821	1.71	
	3312211	Cold rolled steel sheet and strip, made from purchased steel	X	D	S	
	3312213	Cold finished steel bars and bar shapes, made from purchased steel	X	D	S	
	331222	Steel wire drawing	X	195 798	.43	
	3312223	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire	X	D	S	
	3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire	X	D	S	
	3312227	Steel fencing and fence gates, made in plants that draw wire	X	D	S	
	3312229	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire	X	D	S	
	331222B	Other ferrous wire products (excluding springs), made in plants that draw wire	X	D	S	
	332111	Iron and steel forging	X	D	S	
	3321111	Hot impression die impact, press, and upset steel forgings	X	D	S	
	332611	Spring (heavy gauge) manufacturing	X	D	S	
	3326111	Hot formed steel springs, except wire	X	D	S	
	332612	Spring (light gauge) manufacturing	X	D	S	
	3326122	Precision mechanical wire springs	X	D	S	
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S	
	3339997	All other miscellaneous general industrial machinery	X	D	S	
	930000	Receipts for work done for others on their materials	X	297 873	.65	
	9300000	Receipts for work done for others on their materials	X	297 873	.65	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	193 383	.42	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	193 383	.42	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	178 967	.39	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	178 967	.39	
	999999	All other products made in this industry	X	38 758	.08	
	9999999	All other products made in this industry	X	39 061	.08	
	331112		Electrometallurgical ferroalloy product manufacturing	883 414	X	100.00
		327113	Porcelain electrical supply manufacturing	X	D	S
		3271130	Porcelain, steatite, and other ceramic electrical products	X	D	S
		331112	Electrometallurgical ferroalloy product manufacturing	X	D	S
		3311123	Ferrosilicon, including briquettes, and other silicon alloys	X	D	S
		3311125	Other ferroalloys	X	D	S
		331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	D	S
		331419A	All other miscellaneous primary nonferrous metals	X	D	S
		999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
		9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
		999999	All other products made in this industry	X	9 280	1.05
9999999		All other products made in this industry	X	9 280	1.05	
331210			Iron and steel pipe and tube manufacturing from purchased steel	5 795 533	X	100.00
		331111	Iron and steel mills	X	31 115	.54
		3311115	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills	X	D	S
		3311117	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills	X	D	S
		331210	Iron and steel pipe and tube manufacturing from purchased steel	X	5 615 242	96.89
		3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	5 615 242	96.89
	332710	Machine shops	X	D	S	
	3327100	Receipts for machine shop job work and job order repairs	X	D	S	
	332811	Metal heat treating	X	D	S	
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	D	S	
	335932	Noncurrent-carrying wiring device manufacturing	X	D	S	
	3359323	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	30 394	.52	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	30 394	.52	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	69 230	1.19	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	69 230	1.19	
	999999	All other products made in this industry	X	12 625	.22	
	9999999	All other products made in this industry	X	21 365	.37	
	331221		Rolled steel shape manufacturing	5 090 231	X	100.00
		331111	Iron and steel mills	X	299 693	5.89
3311113		Steel ingots and semifinished shapes and forms, made in steel mills	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
331221		Rolled steel shape manufacturing—Con.				
		Iron and steel mills—Con.				
	331111	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills	X	D	S	
	3311115	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills	X	D	S	
	3311117	Electrometallurgical ferroalloy product manufacturing	X	D	S	
	331112	Other ferroalloys	X	D	S	
	331221	Rolled steel shape manufacturing	X	4 521 273	88.82	
	3312211	Cold rolled steel sheet and strip, made from purchased steel	X	3 069 723	60.31	
	3312213	Cold finished steel bars and bar shapes, made from purchased steel	X	1 009 914	19.84	
	3312215	Iron and steel powders, paste, and flakes, made from purchased steel	X	389 537	7.65	
	331221W	Rolled steel shape manufacturing, nsk, total	X	52 099	1.02	
	331222	Steel wire drawing	X	D	S	
	3312221	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire	X	D	S	
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	D	S	
	331419A	All other miscellaneous primary nonferrous metals	X	D	S	
	331423	Secondary smelting, refining, and alloying of copper	X	D	S	
	3314230	Secondary smelting, refining, and alloying of copper	X	D	S	
	332214	Kitchen utensil, pot, and pan manufacturing	X	D	S	
	3322143	Stamped and spun utensils, cooking and kitchen, except aluminum	X	D	S	
	332996	Fabricated pipe and pipe fitting manufacturing	X	D	S	
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	D	S	
	930000	Receipts for work done for others on their materials	X	36 598	.72	
	9300000	Receipts for work done for others on their materials	X	36 598	.72	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 101	.32	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 101	.32	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	110 021	2.16	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	110 021	2.16	
	999999	All other products made in this industry	X	19 543	.38	
	9999999	All other products made in this industry	X	26 881	.53	
	331222		Steel wire drawing	3 898 344	X	100.00
			Iron and steel mills	X	10 567	.27
		331111	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars	X	D	S
		3311119	Rolled steel shape manufacturing	X	D	S
331221		Cold finished steel bars and bar shapes, made from purchased steel	X	D	S	
3312213		Steel wire drawing	X	3 694 097	94.76	
331222		Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire	X	D	S	
3312221		Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire	X	223 404	5.73	
3312223		Steel wire, including galvanized and other coated wire, made in plants that draw wire	X	1 572 749	40.34	
3312225		Steel fencing and fence gates, made in plants that draw wire	X	D	S	
3312227		Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire	X	43 273	1.11	
3312229		Other ferrous wire products (excluding springs), made in plants that draw wire	X	D	S	
331222B		Steel wire drawing, nsk, total	X	157 560	4.04	
331222W		Other fabricated wire product manufacturing	X	D	S	
332618		Receipts for work done for others on their materials	X	5 253	.13	
930000		Receipts for work done for others on their materials	X	5 253	.13	
9300000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 514	.24	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 514	.24	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	126 406	3.24	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	126 406	3.24	
999999		All other products made in this industry	X	29 378	.75	
9999999		All other products made in this industry	X	37 564	.96	
331311			Alumina refining	830 110	X	100.00
			All other basic inorganic chemical manufacturing	X	D	S
		325188	Other inorganic aluminum compounds	X	D	S
		3251887	Alumina refining	X	D	S
		331311	Aluminum oxide, except natural alumina	X	D	S
	3313110	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	All other products made in this industry	X	2 372	.29	
	999999	All other products made in this industry	X	2 372	.29	
	9999999		X			
	331312		Primary aluminum production	4 977 477	X	100.00
			Nonclay refractory manufacturing	X	D	S
327125		Nonclay refractories (except dead-burned magnesite)	X	D	S	
331312		Primary aluminum production	X	D	S	
3313120		Aluminum ingot, including billet, made in primary aluminum reduction plants	X	D	S	
331314		Secondary smelting and alloying of aluminum	X	D	S	
3313145		Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	X	D	S	
331315		Aluminum sheet, plate, and foil manufacturing	X	D	S	
3313153		Aluminum sheet and strip, including continuous cast	X	D	S	
332112		Nonferrous forging	X	D	S	
3321121		Hot impression die impact, press, and upset nonferrous forgings	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 246	.33	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 246	.33	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
331312	999890	Primary aluminum production—Con.				
		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	8 184	.16	
	9999999	All other products made in this industry	X	8 455	.17	
331314		Secondary smelting and alloying of aluminum	3 801 483	X	100.00	
	331314	Secondary smelting and alloying of aluminum	X	D	S	
	3313142	Aluminum ingot, including billet, made by secondary smelters	X	2 948 155	77.55	
	3313145	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	X	D	S	
	331314W	Secondary smelting and alloying of aluminum, nsk, total	X	161 276	4.24	
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	X	D	S	
	331492B	All other miscellaneous secondary nonferrous metals	X	D	S	
	332811	Metal heat treating	X	D	S	
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	D	S	
	930000	Receipts for work done for others on their materials	X	113 353	2.98	
	9300000	Receipts for work done for others on their materials	X	113 353	2.98	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	230 178	6.05	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	230 178	6.05	
	999999	All other products made in this industry	X	11 065	.29	
	9999999	All other products made in this industry	X	15 621	.41	
	331315		Aluminum sheet, plate, and foil manufacturing	11 948 075	X	100.00
		322225	Laminated aluminum foil manufacturing for flexible packaging uses	X	D	S
		3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	X	D	S
		326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
		3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
		331315	Aluminum sheet, plate, and foil manufacturing	X	10 599 324	88.71
		3313151	Aluminum plate (thickness of 0.25 in. or more), including continuous cast	X	588 029	4.92
3313153		Aluminum sheet and strip, including continuous cast	X	9 140 577	76.50	
3313155		Plain aluminum foil (less than .006 in. thick)	X	702 351	5.88	
3313157		Aluminum welded tube	X	91 731	.77	
331315W		Aluminum sheet, plate, and foil manufacturing, nsk, total	X	76 636	.64	
331316		Aluminum extruded product manufacturing	X	5 055	.04	
3313161		Extruded aluminum rod, bar, and other extruded shapes	X	5 055	.04	
331319		Other aluminum rolling and drawing	X	D	S	
331319D		Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	D	S	
331419		Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	D	S	
331419A		All other miscellaneous primary nonferrous metals	X	D	S	
332431		Metal can manufacturing	X	D	S	
3324313		Aluminum (including lids, ends, and parts shipped separately)	X	D	S	
332811		Metal heat treating	X	D	S	
3328110		Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	D	S	
332999		All other miscellaneous fabricated metal product manufacturing	X	D	S	
3329992		Converted unmounted aluminum foil packaging products	X	D	S	
337920		Blind and shade manufacturing	X	D	S	
3379204		Venetian blinds, including components and parts	X	D	S	
930000		Receipts for work done for others on their materials	X	527 132	4.41	
9300000		Receipts for work done for others on their materials	X	527 132	4.41	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	204 773	1.71	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	204 773	1.71	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	325 052	2.72	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	325 052	2.72	
999999		All other products made in this industry	X	18 022	.15	
9999999		All other products made in this industry	X	18 122	.15	
331316			Aluminum extruded product manufacturing	5 735 620	X	100.00
		313230	Nonwoven fabric mills	X	D	S
		3132301	Nonwoven fabrics	X	D	S
		314999	All other miscellaneous textile product mills	X	D	S
	3149998	All other miscellaneous fabricated textile products	X	D	S	
	326199	All other plastics product manufacturing	X	D	S	
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S	
	331312	Primary aluminum production	X	D	S	
	3313120	Aluminum ingot, including billet, made in primary aluminum reduction plants	X	D	S	
	331316	Aluminum extruded product manufacturing	X	5 187 574	90.44	
	3313161	Extruded aluminum rod, bar, and other extruded shapes	X	4 491 158	78.30	
	3313163	Extruded and drawn aluminum tube	X	632 084	11.02	
	331316W	Aluminum extruded product manufacturing, nsk, total	X	64 332	1.12	
	331319	Other aluminum rolling and drawing	X	69 587	1.21	
	331319D	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	D	S	
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S	
	331491D	All other nonferrous metal mill shapes	X	D	S	
	332321	Metal window and door manufacturing	X	D	S	
	3323213	Metal windows (except storm sash)	X	D	S	
	332710	Machine shops	X	8 230	.14	
	3327100	Receipts for machine shop job work and job order repairs	X	8 230	.14	
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	46 708	.81	
	3328120	Metal coating, engraving, and allied services	X	46 708	.81	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
331316		Aluminum extruded product manufacturing—Con.				
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	78 056	1.36	
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	78 056	1.36	
	930000	Receipts for work done for others on their materials	X	8 915	.16	
	9300000	Receipts for work done for others on their materials	X	8 915	.16	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	101 188	1.76	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	101 188	1.76	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	38 757	.68	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	38 757	.68	
	999999	All other products made in this industry	X	18 250	.32	
9999999	All other products made in this industry	X	22 003	.38		
331319		Other aluminum rolling and drawing	1 277 538	X	100.00	
	331222	Steel wire drawing	X	D	S	
	3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire	X	D	S	
	3312229	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire	X	D	S	
	331316	Aluminum extruded product manufacturing	X	D	S	
	3313161	Extruded aluminum rod, bar, and other extruded shapes	X	D	S	
	331319	Other aluminum rolling and drawing	X	1 071 073	83.84	
	3313192	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSF, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	229 432	17.96	
	3313193	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	171 451	13.42	
	331319D	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	D	S	
	331319E	Aluminum insulated wire and cable	X	351 496	27.51	
	331319W	Other aluminum rolling and drawing, nsk, total	X	D	S	
	331422	Copper wire (except mechanical) drawing	X	D	S	
	3314224	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants	X	D	S	
	930000	Receipts for work done for others on their materials	X	10 445	.82	
	9300000	Receipts for work done for others on their materials	X	10 445	.82	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 277	1.20	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 277	1.20	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 905	2.73	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 905	2.73	
	999999	All other products made in this industry	X	9 307	.73	
	9999999	All other products made in this industry	X	10 690	.84	
	331411		Primary smelting and refining of copper	2 615 252	X	100.00
		325188	All other basic inorganic chemical manufacturing	X	D	S
		3251881	Sulfuric acid	X	D	S
		331411	Primary smelting and refining of copper	X	D	S
		3314110	Primary smelting and refining of copper	X	D	S
		331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	D	S
		3314197	Primary precious metals and precious metal alloys	X	D	S
		331423	Secondary smelting, refining, and alloying of copper	X	D	S
3314230		Secondary smelting, refining, and alloying of copper	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999999		All other products made in this industry	X	1 034	.04	
9999999		All other products made in this industry	X	3 393	.13	
331419			Primary smelting and refining of nonferrous metal (except copper and aluminum)	2 246 379	X	100.00
		325131	Inorganic dye and pigment manufacturing	X	D	S
		3251314	Other white opaque pigments	X	D	S
	325188	All other basic inorganic chemical manufacturing	X	37 534	1.67	
	325188H	All other inorganic chemicals	X	D	S	
	325188W	All other basic inorganic chemical manufacturing, nsk, total	X	D	S	
	331112	Electrometallurgical ferroalloy product manufacturing	X	D	S	
	3311123	Ferrosilicon, including briquettes, and other silicon alloys	X	D	S	
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	1 949 595	86.79	
	3314193	Primary smelting and refining of zinc	X	245 001	10.91	
	3314197	Primary precious metals and precious metal alloys	X	265 023	11.80	
	331419A	All other miscellaneous primary nonferrous metals	X	1 335 586	59.46	
	331419W	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, total	X	103 985	4.63	
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	X	17 775	.79	
	3314921	Other nonferrous metal powders, paste, and flakes	X	D	S	
	332116	Metal stamping	X	D	S	
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S	
	930000	Receipts for work done for others on their materials	X	62 206	2.77	
	9300000	Receipts for work done for others on their materials	X	62 206	2.77	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 942	.71	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 942	.71	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	67 410	3.00	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	67 410	3.00	
	999999	All other products made in this industry	X	12 029	.54	
9999999	All other products made in this industry	X	24 487	1.09		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments		
331421		Copper rolling, drawing, and extruding	6 281 426	X	100.00		
	331221	Rolled steel shape manufacturing	X	D	S		
	3312211	Cold rolled steel sheet and strip, made from purchased steel	X	D	S		
	331316	Aluminum extruded product manufacturing	X	D	S		
	3313163	Extruded and drawn aluminum tube	X	D	S		
	331319	Other aluminum rolling and drawing	X	17 152	.27		
	3313192	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X		D	S	
	331319W	Other aluminum rolling and drawing, nsk, total	X		D	S	
	331421	Copper rolling, drawing, and extruding	X	5 824 724	92.73		
	3314211	Copper wire, bare and tinned (nonelectrical), made in rolling mills	X		D	S	
	3314213	Copper and copper-base alloy rod, bar, and shapes	X	2 655 896	42.28		
	3314217	Copper and copper-base alloy sheet, strip, and plate	X	1 067 223	16.99		
	3314219	Copper and copper-base alloy pipe and tube	X	1 779 147	28.32		
	331421W	Copper rolling, drawing, and extruding, nsk, total	X		D	S	
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X		D	S	
	3314912	Nickel and nickel-base alloy mill shapes	X		D	S	
	331491D	All other nonferrous metal mill shapes	X		D	S	
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	X		D	S	
	331492B	All other miscellaneous secondary nonferrous metals	X		D	S	
	331525	Copper foundries (except die-casting)	X		D	S	
	3315250	Copper foundries	X		D	S	
	332999	All other miscellaneous fabricated metal product manufacturing	X		D	S	
	332999H	All other miscellaneous fabricated metal products	X		D	S	
	930000	Receipts for work done for others on their materials	X	193 302	3.08		
	9300000	Receipts for work done for others on their materials	X	193 302	3.08		
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 549	.18		
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 549	.18		
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	80 735	1.29		
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	80 735	1.29		
	999999	All other products made in this industry	X	11 249	.18		
	9999999	All other products made in this industry	X	11 249	.18		
	331422		Copper wire (except mechanical) drawing	3 166 805	X	100.00	
		325991	Custom compounding of purchased resins	X	D	S	
		3259911	Custom compounding of purchased resins and color concentrates	X	D	S	
		331319	Other aluminum rolling and drawing	X	158 153	4.99	
		3313192	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X		D	S
		331319E	Aluminum insulated wire and cable	X		D	S
		331421	Copper rolling, drawing, and extruding	X		D	S
		331421W	Copper rolling, drawing, and extruding, nsk, total	X		D	S
		331422	Copper wire (except mechanical) drawing	X	2 462 476	77.76	
		3314222	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire	X	626 161	19.77	
		3314224	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants	X	1 028 146	32.47	
		3314225	Copper magnet wire (except fiber optic), made in plants that draw wire	X	768 729	24.27	
		331422W	Copper wire (except mechanical) drawing, nsk, total	X	39 440	1.25	
		332116	Metal stamping	X		D	S
3321166		Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X		D	S	
334220		Radio and television broadcasting and wireless communications equipment manufacturing	X		D	S	
3342201		Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X		D	S	
334417		Electronic connector manufacturing	X		D	S	
3344171		Coaxial (RF) connectors for electronic circuitry	X		D	S	
334419		Other electronic component manufacturing	X		D	S	
334419A		Microwave components and devices, except antennae, tubes, and semiconductors	X		D	S	
335921		Fiber optic cable manufacturing	X		D	S	
3359210		Fiber optic cable	X		D	S	
335929		Other communication and energy wire manufacturing	X	45 084	1.42		
3359291		Power wire and cable, made from nonferrous metals (purchased wire)	X		D	S	
335929E		Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	X		D	S	
335929W		Other communication and energy wire manufacturing, nsk, total	X		D	S	
335999		All other miscellaneous electrical equipment and component manufacturing	X		D	S	
335999B		Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire	X		D	S	
335999E		All other miscellaneous electrical equipment and components (except for industrial use)	X		D	S	
930000		Receipts for work done for others on their materials	X		D	S	
9300000		Receipts for work done for others on their materials	X		D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X		D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X		D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	92 021	2.91		
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	92 021	2.91		
999999		All other products made in this industry	X	15 005	.47		
9999999		All other products made in this industry	X	19 448	.61		
331423			Secondary smelting, refining, and alloying of copper	610 938	X	100.00	
		331423	Secondary smelting, refining, and alloying of copper	X	D	S	
		3314230	Secondary smelting, refining, and alloying of copper	X	D	S	
		331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	X		D	S
		3314921	Other nonferrous metal powders, paste, and flakes	X		D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
331423	999890	Secondary smelting, refining, and alloying of copper—Con.			
		Sales of products bought and sold without further manufacture, processing, or assembly	X	14 696	2.41
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	14 696	2.41
	999999	All other products made in this industry	X	7 620	1.25
	9999999	All other products made in this industry	X	9 747	1.60
331491		Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	4 505 021	X	100.00
	325199	All other basic organic chemical manufacturing	X	D	S
	325199E	Natural organic chemicals	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	326140	Polystyrene foam product manufacturing	X	D	S
	3261403	Building and construction polystyrene foam products	X	D	S
	331111	Iron and steel mills	X	D	S
	3311119	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars	X	D	S
	331222	Steel wire drawing	X	20 452	.45
	3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire	X	18 232	.40
	331411	Primary smelting and refining of copper	X	D	S
	3314110	Primary smelting and refining of copper	X	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	D	S
	331419A	All other miscellaneous primary nonferrous metals	X	D	S
	331421	Copper rolling, drawing, and extruding	X	6 791	.15
	3314217	Copper and copper-base alloy sheet, strip, and plate	X	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	4 181 002	92.81
	3314912	Nickel and nickel-base alloy mill shapes	X	1 089 374	24.18
	3314913	Titanium and titanium-base alloy mill shapes	X	D	S
	331491A	Precious metal mill shapes	X	701 417	15.57
	331491D	All other nonferrous metal mill shapes	X	1 189 141	26.40
	331491F	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	X	D	S
	331491H	Magnet wire, (except aluminum and copper), made in plants that draw wire	X	D	S
	331491W	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, total	X	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	X	40 962	.91
	3314921	Other nonferrous metal powders, paste, and flakes	X	40 651	.90
	332322	Sheet metal work manufacturing	X	D	S
	332322G	Other sheet metal work	X	D	S
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	D	S
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	D	S
	335929	Other communication and energy wire manufacturing	X	D	S
	335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	X	D	S
	930000	Receipts for work done for others on their materials	X	48 465	1.08
	9300000	Receipts for work done for others on their materials	X	48 465	1.08
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 618	.52
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 618	.52
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	71 968	1.60
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	71 968	1.60
	999999	All other products made in this industry	X	13 999	.31
	9999999	All other products made in this industry	X	19 944	.44
331492		Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	2 778 042	X	100.00
	324122	Asphalt shingle and coating materials manufacturing	X	D	S
	3241221	Roofing asphalts and pitches, coatings, and cements	X	D	S
	325188	All other basic inorganic chemical manufacturing	X	D	S
	325188H	All other inorganic chemicals	X	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	D	S
	3314197	Primary precious metals and precious metal alloys	X	D	S
	331419A	All other miscellaneous primary nonferrous metals	X	D	S
	331423	Secondary smelting, refining, and alloying of copper	X	D	S
	3314230	Secondary smelting, refining, and alloying of copper	X	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S
	331491D	All other nonferrous metal mill shapes	X	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	X	2 330 304	83.88
	3314921	Other nonferrous metal powders, paste, and flakes	X	930 835	33.51
	3314927	Secondary smelting, refining, and alloying of zinc	X	169 323	6.10
	3314929	Secondary precious metals and precious metal alloys	X	329 080	11.85
	331492B	All other miscellaneous secondary nonferrous metals	X	753 965	27.14
	331492W	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, total	X	147 101	5.30
	332117	Powder metallurgy part manufacturing	X	D	S
	3321170	Powder metallurgy parts	X	D	S
	332618	Other fabricated wire product manufacturing	X	D	S
	3326182	Other fabricated wire products, made from purchased wire	X	D	S
	930000	Receipts for work done for others on their materials	X	111 038	4.00
	9300000	Receipts for work done for others on their materials	X	111 038	4.00
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 961	.79
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 961	.79
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	139 154	5.01
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	139 154	5.01
	999999	All other products made in this industry	X	21 550	.78
	9999999	All other products made in this industry	X	25 847	.93

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
331511		Iron foundries	10 306 298	X	100.00	
	331210	Iron and steel pipe and tube manufacturing from purchased steel	X	D	S	
	3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	D	S	
	331511	Iron foundries	X	9 721 128	94.32	
	3315111	Ductile iron pressure pipe and fittings	X	1 548 812	15.03	
	3315113	Other ductile iron castings	X	D	S	
	3315115	Cast iron pressure pipe and fittings	X	35 398	.34	
	3315117	Cast iron soil pipe and fittings, all sizes	X	305 488	2.96	
	3315119	Other gray iron castings	X	D	S	
	331511A	Standard malleable iron castings	X	92 111	.89	
	331511C	Pearlitic malleable iron castings	X	130 962	1.27	
	331511E	Molds and stools for heavy steel ingots	X	42 163	.41	
	331511W	Iron foundries, nsk, total	X	175 240	1.70	
	331512	Steel investment foundries	X	D	S	
	3315120	Steel investment castings	X	D	S	
	331513	Steel foundries (except investment)	X	30 073	.29	
	3315131	Other carbon steel castings, except investment	X	D	S	
	3315135	Other alloy steel castings, except investment	X	D	S	
	331524	Aluminum foundries (except die-casting)	X	11 652	.11	
	3315240	Aluminum foundries	X	11 652	.11	
	331525	Copper foundries (except die-casting)	X	23 769	.23	
	3315250	Copper foundries	X	23 769	.23	
	332111	Iron and steel forging	X	D	S	
	3321111	Hot impression die impact, press, and upset steel forgings	X	D	S	
	332313	Plate work manufacturing	X	D	S	
	3323130	Fabricated plate work (stacks and weldments)	X	D	S	
	332710	Machine shops	X	13 201	.13	
	3327100	Receipts for machine shop job work and job order repairs	X	13 201	.13	
	332919	Other metal valve and pipe fitting manufacturing	X	D	S	
	3329194	Metal fittings, flanges, and unions for piping systems	X	D	S	
	332997	Industrial pattern manufacturing	X	50 627	.49	
	3329970	Industrial patterns	X	50 627	.49	
	333111	Farm machinery and equipment manufacturing	X	D	S	
	333111G	All other farm machinery and equipment (excluding parts), including attachments	X	D	S	
	333515	Cutting tool and machine tool accessory manufacturing	X	D	S	
	3335153	Other attachments and accessories for machine tools and metalworking machinery	X	D	S	
	930000	Receipts for work done for others on their materials	X	7 472	.07	
	9300000	Receipts for work done for others on their materials	X	7 472	.07	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 371	.20	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 371	.20	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	252 875	2.45	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	252 875	2.45	
	999999	All other products made in this industry	X	27 502	.27	
	9999999	All other products made in this industry	X	36 651	.36	
	331512		Steel investment foundries	2 105 278	X	100.00
		331511	Iron foundries	X	6 380	.30
		331512	Steel investment foundries	X	1 992 217	94.63
		3315120	Steel investment castings	X	1 992 217	94.63
		331513	Steel foundries (except investment)	X	12 543	.60
		3315133	High alloy steel castings, except investment	X	D	S
331524		Aluminum foundries (except die-casting)	X	18 543	.88	
3315240		Aluminum foundries	X	18 543	.88	
331525		Copper foundries (except die-casting)	X	D	S	
3315250		Copper foundries	X	D	S	
331528		Other nonferrous foundries (except die-casting)	X	14 532	.69	
3315280		Other nonferrous foundries	X	14 532	.69	
332710		Machine shops	X	7 276	.35	
3327100		Receipts for machine shop job work and job order repairs	X	7 276	.35	
332997		Industrial pattern manufacturing	X	15 546	.74	
3329970		Industrial patterns	X	15 546	.74	
333511		Industrial mold manufacturing	X	6 150	.29	
3335110		Industrial molds and mold boxes	X	6 150	.29	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	14 439	.69	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	14 439	.69	
999999		All other products made in this industry	X	6 786	.32	
9999999		All other products made in this industry	X	17 447	.83	
331513			Steel foundries (except investment)	2 625 751	X	100.00
	331511	Iron foundries	X	D	S	
	3315119	Other gray iron castings	X	10 286	.39	
	331513	Steel foundries (except investment)	X	2 357 532	89.79	
	3315131	Other carbon steel castings, except investment	X	1 126 502	42.90	
	3315133	High alloy steel castings, except investment	X	D	S	
	3315135	Other alloy steel castings, except investment	X	D	S	
	331513W	Steel foundries (except investment), nsk, total	X	117 888	4.49	
	331525	Copper foundries (except die-casting)	X	19 521	.74	
	3315250	Copper foundries	X	19 521	.74	
	331528	Other nonferrous foundries (except die-casting)	X	28 806	1.10	
	3315280	Other nonferrous foundries	X	28 806	1.10	
	332710	Machine shops	X	33 549	1.28	
	3327100	Receipts for machine shop job work and job order repairs	X	33 549	1.28	
	332997	Industrial pattern manufacturing	X	21 211	.81	
	3329970	Industrial patterns	X	21 211	.81	
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S	
	332999H	All other miscellaneous fabricated metal products	X	D	S	
	930000	Receipts for work done for others on their materials	X	12 004	.46	
	9300000	Receipts for work done for others on their materials	X	12 004	.46	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 325	.28	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 325	.28	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
331513		Steel foundries (except investment)—Con.				
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	113 676	4.33	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	113 676	4.33	
	999999	All other products made in this industry	X	11 226	.43	
331521		Aluminum die-casting foundries	4 395 189	X	100.00	
	331521	Aluminum die-casting foundries	X	4 066 628	92.52	
	3315210	Aluminum die-castings	X	4 066 628	92.52	
	331522	Nonferrous (except aluminum) die-casting foundries	X	78 207	1.78	
	3315220	Nonferrous (except aluminum) die-castings	X	78 207	1.78	
	333511	Industrial mold manufacturing	X	93 332	2.12	
	3335110	Industrial molds and mold boxes	X	93 332	2.12	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	139 512	3.17	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	139 512	3.17	
	999999	All other products made in this industry	X	17 510	.40	
331522		Nonferrous (except aluminum) die-casting foundries	1 999 740	X	100.00	
	331512	Steel investment foundries	X	D	S	
	3315120	Steel investment castings	X	D	S	
	331521	Aluminum die-casting foundries	X	137 582	6.88	
	3315210	Aluminum die-castings	X	137 582	6.88	
	331522	Nonferrous (except aluminum) die-casting foundries	X	1 651 797	82.60	
	3315220	Nonferrous (except aluminum) die-castings	X	1 651 797	82.60	
	331528	Other nonferrous foundries (except die-casting)	X	D	S	
	3315280	Other nonferrous foundries	X	D	S	
	332997	Industrial pattern manufacturing	X	D	S	
	3329970	Industrial patterns	X	D	S	
	333511	Industrial mold manufacturing	X	43 548	2.18	
	3335110	Industrial molds and mold boxes	X	43 548	2.18	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	14 157	.71	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	14 157	.71	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 040	1.70	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 040	1.70	
	999999	All other products made in this industry	X	11 011	.55	
	9999999	All other products made in this industry	X	11 011	.55	
	331524		Aluminum foundries (except die-casting)	3 768 289	X	100.00
		331512	Steel investment foundries	X	D	S
		3315120	Steel investment castings	X	D	S
		331521	Aluminum die-casting foundries	X	D	S
3315210		Aluminum die-castings	X	D	S	
331522		Nonferrous (except aluminum) die-casting foundries	X	36 553	.97	
3315220		Nonferrous (except aluminum) die-castings	X	36 553	.97	
331524		Aluminum foundries (except die-casting)	X	3 385 418	89.84	
3315240		Aluminum foundries	X	3 385 418	89.84	
331525		Copper foundries (except die-casting)	X	29 665	.79	
3315250		Copper foundries	X	29 665	.79	
331528		Other nonferrous foundries (except die-casting)	X	16 831	.45	
3315280		Other nonferrous foundries	X	16 831	.45	
332710		Machine shops	X	D	S	
3327100		Receipts for machine shop job work and job order repairs	X	D	S	
332721		Precision turned product manufacturing	X	D	S	
3327211		Precision turned products, automotive	X	D	S	
332997		Industrial pattern manufacturing	X	32 173	.85	
3329970		Industrial patterns	X	32 173	.85	
333511		Industrial mold manufacturing	X	31 975	.85	
3335110		Industrial molds and mold boxes	X	31 975	.85	
333618		Other engine equipment manufacturing	X	D	S	
333618F		Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	X	D	S	
		Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	D	S	
930000		Receipts for work done for others on their materials	X	6 902	.18	
9300000		Receipts for work done for others on their materials	X	6 902	.18	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 633	.28	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 633	.28	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	38 741	1.03	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	38 741	1.03	
999999		All other products made in this industry	X	14 256	.38	
9999999		All other products made in this industry	X	14 256	.38	
331525			Copper foundries (except die-casting)	735 519	X	100.00
	331512	Steel investment foundries	X	D	S	
	3315120	Steel investment castings	X	D	S	
	331513	Steel foundries (except investment)	X	D	S	
	3315135	Other alloy steel castings, except investment	X	D	S	
	331522	Nonferrous (except aluminum) die-casting foundries	X	D	S	
	3315220	Nonferrous (except aluminum) die-castings	X	D	S	
	331524	Aluminum foundries (except die-casting)	X	39 114	5.32	
	3315240	Aluminum foundries	X	39 114	5.32	
	331525	Copper foundries (except die-casting)	X	643 375	87.47	
	3315250	Copper foundries	X	643 375	87.47	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	12 540	1.70	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	12 540	1.70	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
331525		Copper foundries (except die-casting)—Con.				
	999999	All other products made in this industry	X	16 056	2.18	
	9999999	All other products made in this industry	X	18 914	2.57	
331528		Other nonferrous foundries (except die-casting)	696 671	X	100.00	
	331522	Nonferrous (except aluminum) die-casting foundries	X	5 376	.77	
	3315220	Nonferrous (except aluminum) die-castings	X	5 376	.77	
	331528	Other nonferrous foundries (except die-casting)	X	658 836	94.57	
	3315280	Other nonferrous foundries	X	658 836	94.57	
	332997	Industrial pattern manufacturing	X	6 225	.89	
	3329970	Industrial patterns	X	6 225	.89	
	333511	Industrial mold manufacturing	X	7 477	1.07	
	3335110	Industrial molds and mold boxes	X	7 477	1.07	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	8 778	1.26	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	8 778	1.26	
	999999	All other products made in this industry	X	9 979	1.43	
	9999999	All other products made in this industry	X	9 979	1.43	
	332111		Iron and steel forging	4 288 667	X	100.00
		331111	Iron and steel mills	X	D	S
331111B		Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	X	D	S	
332111		Iron and steel forging	X	3 789 689	88.37	
3321111		Hot impression die impact, press, and upset steel forgings	X	2 446 537	57.05	
3321113		Cold impression die impact, press, and upset steel forgings	X	D	S	
3321115		Seamless rolled ring forgings, ferrous, made from purchased iron and steel	X	D	S	
3321117		Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel	X	408 990	9.54	
332111W		Iron and steel forging, nsk, total	X	278 507	6.49	
332112		Nonferrous forging	X	D	S	
3321121		Hot impression die impact, press, and upset nonferrous forgings	X	D	S	
3321122		Other nonferrous forgings	X	24 722	.58	
332323		Ornamental and architectural metal work manufacturing	X	D	S	
3323236		Open metal flooring, grating, and studs	X	D	S	
332721		Precision turned product manufacturing	X	D	S	
3327211		Precision turned products, automotive	X	D	S	
332919		Other metal valve and pipe fitting manufacturing	X	D	S	
3329194		Metal fittings, flanges, and unions for piping systems	X	D	S	
333514		Special die and tool, die set, jig, and fixture manufacturing	X	8 344	.19	
3335140		Special dies, tools, jigs, and fixtures	X	8 344	.19	
333613		Mechanical power transmission equipment manufacturing	X	D	S	
3336133		Mechanical power transmission equipment, except speed changers, drives, and gears	X	D	S	
333618		Other engine equipment manufacturing	X	D	S	
333618F		Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	D	S	
336212		Truck trailer manufacturing	X	D	S	
3362121		Truck trailers and chassis, with axle rating of 10,000 lb or more	X	D	S	
336330		Motor vehicle steering and suspension component (except spring) manufacturing	X	D	S	
3363301		Motor vehicle steering and suspension components, new	X	D	S	
336992		Military armored vehicles, tanks, and tank component manufacturing	X	D	S	
3369920		Military armored vehicles, tanks, and tank components	X	D	S	
930000		Receipts for work done for others on their materials	X	13 642	.32	
9300000		Receipts for work done for others on their materials	X	13 642	.32	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 634	.53	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 634	.53	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	52 385	1.22	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	52 385	1.22	
999999		All other products made in this industry	X	4 779	.11	
9999999		All other products made in this industry	X	4 825	.11	
332112			Nonferrous forging	1 805 260	X	100.00
		332111	Iron and steel forging	X	130 347	7.22
		3321111	Hot impression die impact, press, and upset steel forgings	X	35 151	1.95
		3321113	Cold impression die impact, press, and upset steel forgings	X	D	S
		3321115	Seamless rolled ring forgings, ferrous, made from purchased iron and steel	X	D	S
		3321117	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel	X	D	S
		332112	Nonferrous forging	X	1 636 842	90.67
	3321121	Hot impression die impact, press, and upset nonferrous forgings	X	1 181 985	65.47	
	3321122	Other nonferrous forgings	X	415 569	23.02	
	332112W	Nonferrous forging, nsk, total	X	39 288	2.18	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	24 329	1.35	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	24 329	1.35	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	7 424	.41	
9999999	All other products made in this industry	X	7 820	.43		
332114		Custom roll forming	4 068 186	X	100.00	
	331111	Iron and steel mills	X	D	S	
	3311115	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills	X	D	S	
	332114	Custom roll forming	X	3 774 684	92.79	
	3321140	Custom roll form products	X	3 774 684	92.79	
	332322	Sheet metal work manufacturing	X	17 368	.43	
	3323227	Sheet metal roofing and roof drainage equipment	X	D	S	
	332322W	Sheet metal work manufacturing, nsk, total	X	D	S	
	332323	Ornamental and architectural metal work manufacturing	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
332114		Custom roll forming—Con.				
	332323	Ornamental and architectural metal work manufacturing—Con.				
	3323233	Ornamental and architectural metal work	X	D	S	
	3323239	Other architectural and ornamental work	X	5 353	.13	
	332996	Fabricated pipe and pipe fitting manufacturing	X	13 793	.34	
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	13 793	.34	
	333414	Heating equipment (except warm air furnaces) manufacturing	X	D	S	
	333414A	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	D	S	
	930000	Receipts for work done for others on their materials	X	18 742	.46	
	9300000	Receipts for work done for others on their materials	X	18 742	.46	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 845	.56	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 845	.56	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	136 537	3.36	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	136 537	3.36	
	999999	All other products made in this industry	X	43 596	1.07	
	9999999	All other products made in this industry	X	58 541	1.44	
	332115		Crown and closure manufacturing	906 751	X	100.00
332115		Crown and closure manufacturing	X	D	S	
3321150		Crowns and closures	X	D	S	
332721		Precision turned product manufacturing	X	D	S	
3327215		Precision turned products (made on CNC equipment or screw machines), except automotive	X	D	S	
333993		Packaging machinery manufacturing	X	D	S	
3339931		Packing, packaging, and bottling machinery (except parts)	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 065	.67	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 065	.67	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	24 889	2.74	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	24 889	2.74	
999999		All other products made in this industry	X	11 145	1.23	
9999999		All other products made in this industry	X	11 145	1.23	
332116			Metal stamping	8 986 305	X	100.00
		326199	All other plastics product manufacturing	X	14 549	.16
		326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
		332114	Custom roll forming	X	D	S
	3321140	Custom roll form products	X	D	S	
	332115	Crown and closure manufacturing	X	5 562	.06	
	3321150	Crowns and closures	X	5 562	.06	
	332116	Metal stamping	X	7 954 102	88.51	
	3321161	Job stampings, except automotive	X	5 333 030	59.35	
	3321163	Metal spinning products, excluding cooking and kitchen utensils	X	148 721	1.65	
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S	
	332116W	Metal stamping, nsk, total	X	D	S	
	332214	Kitchen utensil, pot, and pan manufacturing	X	20 199	.22	
	3322141	Stamped and spun utensils, cooking and kitchen, aluminum	X	5 788	.06	
	3322143	Stamped and spun utensils, cooking and kitchen, except aluminum	X	14 411	.16	
	332322	Sheet metal work manufacturing	X	7 966	.09	
	332510	Hardware manufacturing	X	8 427	.09	
	3325104	Builders' hardware	X	7 400	.08	
	332612	Spring (light gauge) manufacturing	X	D	S	
	3326122	Precision mechanical wire springs	X	D	S	
	332618	Other fabricated wire product manufacturing	X	5 289	.06	
	332710	Machine shops	X	37 466	.42	
	3327100	Receipts for machine shop job work and job order repairs	X	37 466	.42	
	332721	Precision turned product manufacturing	X	37 555	.42	
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	32 838	.37	
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	13 800	.15	
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	13 800	.15	
	332999	All other miscellaneous fabricated metal product manufacturing	X	6 504	.07	
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	180 233	2.01	
	3335140	Special dies, tools, jigs, and fixtures	X	180 233	2.01	
	335931	Current-carrying wiring device manufacturing	X	D	S	
	3359319	Current-carrying wire connectors for electrical circuitry	X	D	S	
	336370	Motor vehicle metal stamping	X	320 049	3.56	
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	320 049	3.56	
	930000	Receipts for work done for others on their materials	X	32 834	.37	
	9300000	Receipts for work done for others on their materials	X	32 834	.37	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	60 366	.67	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	60 366	.67	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	182 098	2.03	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	182 098	2.03	
	999999	All other products made in this industry	X	64 091	.71	
	9999999	All other products made in this industry	X	93 944	1.05	
	332117		Powder metallurgy part manufacturing	1 258 507	X	100.00
		332117	Powder metallurgy part manufacturing	X	1 210 168	96.16
		3321170	Powder metallurgy parts	X	1 210 168	96.16
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	32 278	2.56
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	32 278	2.56
		999999	All other products made in this industry	X	16 061	1.28
	9999999	All other products made in this industry	X	16 061	1.28	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
332211	321999	Cutlery and flatware (except precious) manufacturing	1 805 064	X	100.00	
	3219990	All other miscellaneous wood product manufacturing	X	D	S	
	332211	All other miscellaneous wood product manufacturing	X	D	S	
	3322112	Cutlery and flatware (except precious) manufacturing	X	D	S	
	3322113	Cutlery, scissors, shears, trimmers, and snips	X	D	S	
	332211W	Razor blades and razors, except electric	X	D	S	
	332212	Cutlery and flatware (except precious) manufacturing, nsk, total	X	41 317	2.29	
	3322123	Hand and edge tool manufacturing	X	D	S	
	332213	Edge tools, hand-operated	X	46 753	2.59	
	3322130	Saw blade and handsaw manufacturing	X	D	S	
	3322130	Saw blades and handsaws	X	D	S	
	335931	Current-carrying wiring device manufacturing	X	D	S	
	3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	61 240	3.39	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	61 240	3.39	
	999999	All other products made in this industry	X	5 717	.32	
	9999999	All other products made in this industry	X	12 430	.69	
332212		Hand and edge tool manufacturing	5 952 714	X	100.00	
	323110	Commercial lithographic printing	X	D	S	
	3231103	Label and wrapper printing (lithographic)	X	D	S	
	323122	Prepress services	X	D	S	
	3231223	Printing plates, prepared for printing (excluding blank plates)	X	D	S	
	326199	All other plastics product manufacturing	X	11 934	.20	
	326199W	All other plastics product manufacturing, nsk, total	X	10 424	.18	
	331222	Steel wire drawing	X	D	S	
	3312223	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire	X	D	S	
	332212	Hand and edge tool manufacturing	X	5 047 086	84.79	
	3322122	Mechanics' hand service tools	X	1 720 446	28.90	
	3322123	Edge tools, hand-operated	X	389 238	6.54	
	3322125	Dies and interchangeable cutting tools, for machines and power-driven handtools	X	D	S	
	3322128	All other miscellaneous handtools	X	1 083 040	18.19	
	3322129	Precision measuring tools (inspection, quality control, tool room, and machinists')	X	670 013	11.26	
	332212W	Hand and edge tool manufacturing, nsk, total	X	D	S	
	332213	Saw blade and handsaw manufacturing	X	D	S	
	3322130	Saw blades and handsaws	X	D	S	
	332323	Ornamental and architectural metal work manufacturing	X	D	S	
	332510	Hardware manufacturing	X	11 184	.19	
	3325104	Builders' hardware	X	D	S	
	332722	Bolt, nut, screw, rivet, and washer manufacturing	X	20 397	.34	
	3327223	Externally threaded metal fasteners (except aircraft types)	X	D	S	
	333298	All other industrial machinery manufacturing	X	D	S	
	3332987	All other miscellaneous special industry machinery and equipment	X	D	S	
	333613	Mechanical power transmission equipment manufacturing	X	D	S	
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X	D	S	
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S	
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S	
	335931	Current-carrying wiring device manufacturing	X	D	S	
	3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	X	D	S	
	335932	Noncurrent-carrying wiring device manufacturing	X	D	S	
	3359323	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings	X	D	S	
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S	
	335999E	All other miscellaneous electrical equipment and components (except for industrial use)	X	D	S	
	339941	Pen and mechanical pencil manufacturing	X	D	S	
	3399415	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils	X	D	S	
	930000	Receipts for work done for others on their materials	X	27 032	.45	
	9300000	Receipts for work done for others on their materials	X	27 032	.45	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 044	.81	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 044	.81	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	388 648	6.53	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	388 648	6.53	
	999999	All other products made in this industry	X	91 329	1.53	
	9999999	All other products made in this industry	X	115 936	1.95	
	332213		Saw blade and handsaw manufacturing	1 331 892	X	100.00
		325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
325998J		All other chemical preparations, including essential oils and water-treating compounds	X	D	S	
332212		Hand and edge tool manufacturing	X	35 933	2.70	
3322122		Mechanics' hand service tools	X	D	S	
3322125		Dies and interchangeable cutting tools, for machines and power-driven handtools	X	D	S	
332213		Saw blade and handsaw manufacturing	X	1 077 865	80.93	
3322130		Saw blades and handsaws	X	1 077 865	80.93	
332313		Plate work manufacturing	X	D	S	
3323130		Fabricated plate work (stacks and weldments)	X	D	S	
333298		All other industrial machinery manufacturing	X	D	S	
3332987		All other miscellaneous special industry machinery and equipment	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 045	.60	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 045	.60	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	150 346	11.29	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332213	999890	Saw blade and handsaw manufacturing—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	999999	All other products made in this industry	X	150 346	11.29
	9999999	All other products made in this industry	X	20 967	1.57
	9999999	All other products made in this industry	X	32 596	2.45
332214		Kitchen utensil, pot, and pan manufacturing	1 368 870	X	100.00
	326199	All other plastics product manufacturing	X	D	S
	3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	X	D	S
	331524	Aluminum foundries (except die-casting)	X	D	S
	3315240	Aluminum foundries	X	D	S
	332214	Kitchen utensil, pot, and pan manufacturing	X	1 097 287	80.16
	3322141	Stamped and spun utensils, cooking and kitchen, aluminum	X	779 138	56.92
	3322143	Stamped and spun utensils, cooking and kitchen, except aluminum	X	308 853	22.56
	332214W	Kitchen utensil, pot, and pan manufacturing, nsk, total	X	9 296	.68
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	3333191	Commercial cooking and food-warming equipment	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 706	.56
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 706	.56
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	165 513	12.09
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	165 513	12.09
	999999	All other products made in this industry	X	22 642	1.65
	9999999	All other products made in this industry	X	26 793	1.96
332311		Prefabricated metal building and component manufacturing	5 239 502	X	100.00
	321992	Prefabricated wood building manufacturing	X	D	S
	327390	Other concrete product manufacturing	X	D	S
	3273901	Precast concrete products	X	D	S
	332311	Prefabricated metal building and component manufacturing	X	4 579 414	87.40
	3323111	Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts)	X	2 908 195	55.51
	3323113	Other prefabricated and portable metal buildings and parts	X	1 115 935	21.30
	332311W	Prefabricated metal building and component manufacturing, nsk, total	X	555 284	10.60
	332312	Fabricated structural metal manufacturing	X	30 852	.59
	3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	25 649	.49
	3323125	Other fabricated structural metal	X	5 203	.10
	332313	Plate work manufacturing	X	28 299	.54
	3323130	Fabricated plate work (stacks and weldments)	X	28 299	.54
	332322	Sheet metal work manufacturing	X	89 914	1.72
	3323227	Sheet metal roofing and roof drainage equipment	X	77 463	1.48
	332323	Ornamental and architectural metal work manufacturing	X	28 975	.55
	3323233	Ornamental and architectural metal work	X	D	S
	3323239	Other architectural and ornamental work	X	17 999	.34
	332999	All other miscellaneous fabricated metal product manufacturing	X	8 323	.16
	332999H	All other miscellaneous fabricated metal products	X	7 947	.15
	333111	Farm machinery and equipment manufacturing	X	D	S
	333111G	All other farm machinery and equipment (excluding parts), including attachments	X	D	S
	333922	Conveyor and conveying equipment manufacturing	X	D	S
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	95 628	1.83
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	95 628	1.83
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	269 958	5.15
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	269 958	5.15
	999999	All other products made in this industry	X	52 368	1.00
	9999999	All other products made in this industry	X	75 945	1.45
332312		Fabricated structural metal manufacturing	19 605 322	X	100.00
	325131	Inorganic dye and pigment manufacturing	X	D	S
	3251311	Titanium dioxide, composite and pure	X	D	S
	326291	Rubber product manufacturing for mechanical use	X	D	S
	3262913	Other molded rubber mechanical goods	X	D	S
	3262915	Other extruded rubber mechanical goods (excluding automotive)	X	D	S
	331111	Iron and steel mills	X	5 489	.03
	332114	Custom roll forming	X	87 699	.45
	3321140	Custom roll form products	X	87 699	.45
	332312	Fabricated structural metal manufacturing	X	16 850 713	85.95
	3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	9 136 822	46.60
	3323123	Fabricated structural metal for bridges	X	1 005 913	5.13
	3323125	Other fabricated structural metal	X	3 758 387	19.17
	332312W	Fabricated structural metal manufacturing, nsk, total	X	2 949 591	15.04
	332313	Plate work manufacturing	X	64 776	.33
	3323130	Fabricated plate work (stacks and weldments)	X	64 776	.33
	332321	Metal window and door manufacturing	X	15 121	.08
	3323213	Metal windows (except storm sash)	X	D	S
	332322	Sheet metal work manufacturing	X	169 526	.86
	3323221	Sheet metal air-conditioning ducts and stove pipe	X	D	S
	3323227	Sheet metal roofing and roof drainage equipment	X	113 418	.58
	332322G	Other sheet metal work	X	36 190	.18
	332323	Ornamental and architectural metal work manufacturing	X	266 544	1.36
	3323233	Ornamental and architectural metal work	X	199 009	1.02
	3323236	Open metal flooring, grating, and studs	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
332312		Fabricated structural metal manufacturing—Con.				
		Ornamental and architectural metal work manufacturing—Con.				
	332323	Other architectural and ornamental work	X	43 089	.22	
	332323W	Ornamental and architectural metal work manufacturing, nsk, total	X	D	S	
	332420	Metal tank (heavy gauge) manufacturing	X	38 990	.20	
	332420E	Metal tanks and vessels, custom fabricated at the factory and field erected	X	16 944	.09	
	332420G	Metal tanks and vessels, custom fabricated and field erected	X	14 902	.08	
	332510	Hardware manufacturing	X	D	S	
	3325107	Other transportation equipment hardware (except motor vehicle hardware)	X	D	S	
	332618	Other fabricated wire product manufacturing	X	16 045	.08	
	332618B	Other ferrous wire products (excluding springs), made from purchased wire	X	14 292	.07	
	332710	Machine shops	X	25 246	.13	
	3327100	Receipts for machine shop job work and job order repairs	X	25 246	.13	
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S	
	3328120	Metal coating, engraving, and allied services	X	D	S	
	332996	Fabricated pipe and pipe fitting manufacturing	X	14 323	.07	
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	14 323	.07	
	332999	All other miscellaneous fabricated metal product manufacturing	X	15 734	.08	
	332999H	All other miscellaneous fabricated metal products	X	14 692	.07	
	333120	Construction machinery manufacturing	X	10 252	.05	
	3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment	X	D	S	
	333210	Sawmill and woodworking machinery manufacturing	X	D	S	
	3332103	Woodworking machinery, including parts, attachments, and accessories	X	D	S	
	333511	Industrial mold manufacturing	X	D	S	
	3335110	Industrial molds and mold boxes	X	D	S	
	333922	Conveyor and conveying equipment manufacturing	X	D	S	
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	D	S	
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	X	5 845	.03	
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S	
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S	
	336214	Travel trailer and camper manufacturing	X	9 062	.05	
	339950	Sign manufacturing	X	D	S	
	3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	D	S	
	930000	Receipts for work done for others on their materials	X	88 084	.45	
	9300000	Receipts for work done for others on their materials	X	88 084	.45	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	549 421	2.80	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	549 421	2.80	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 122 705	5.73	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 122 705	5.73	
	999999	All other products made in this industry	X	54 491	.28	
	9999999	All other products made in this industry	X	106 900	.55	
	332313		Plate work manufacturing	3 259 839	X	100.00
			Fabricated structural metal manufacturing		46 859	1.44
		3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	10 173	.31
		3323125	Other fabricated structural metal	X	36 214	1.11
		332313	Plate work manufacturing	X	2 743 411	84.16
		3323130	Fabricated plate work (stacks and weldments)	X	2 743 411	84.16
		332322	Sheet metal work manufacturing	X	36 038	1.11
		332322G	Other sheet metal work	X	12 372	.38
		332322W	Sheet metal work manufacturing, nsk, total	X	18 853	.58
		332323	Ornamental and architectural metal work manufacturing	X	10 482	.32
		332410	Power boiler and heat exchanger manufacturing	X	11 751	.36
		3324101	Fabricated heat exchangers and steam condensers (except nuclear applications)	X	D	S
		332420	Metal tank (heavy gauge) manufacturing	X	30 694	.94
		3324207	Gas cylinders	X	10 893	.33
3324209		Metal tanks, complete at factory (standard line pressure)	X	5 443	.17	
332420C		Metal tanks, complete at factory (standard line nonpressure)	X	D	S	
332420E		Metal tanks and vessels, custom fabricated at the factory and field erected	X	6 689	.21	
332710		Machine shops	X	55 743	1.71	
3327100		Receipts for machine shop job work and job order repairs	X	55 743	1.71	
332721		Precision turned product manufacturing	X	14 035	.43	
332721W		Precision turned product manufacturing, nsk, total	X	10 818	.33	
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S	
3328120		Metal coating, engraving, and allied services	X	D	S	
332996		Fabricated pipe and pipe fitting manufacturing	X	D	S	
3329960		Fabricated pipe and pipe fittings made from purchased pipe	X	D	S	
332999		All other miscellaneous fabricated metal product manufacturing	X	16 840	.52	
3329995		Miscellaneous machinery products	X	7 745	.24	
333220		Plastics and rubber industry machinery manufacturing	X	D	S	
3332201		Plastics-working machinery and equipment, excluding patterns and molds	X	D	S	
930000		Receipts for work done for others on their materials	X	33 640	1.03	
9300000		Receipts for work done for others on their materials	X	33 640	1.03	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	71 435	2.19	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	71 435	2.19	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	96 240	2.95	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	96 240	2.95	
999999		All other products made in this industry	X	53 174	1.63	
9999999		All other products made in this industry	X	88 226	2.71	
332321			Metal window and door manufacturing	11 282 690	X	100.00
		321911	Wood window and door manufacturing	X	73 511	.65
		3219111	Wood window units	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332321		Metal window and door manufacturing—Con.			
	321911	Wood window and door manufacturing—Con.			
	3219115	Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	X	D	S
	3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	X	7 699	.07
	321911W	Wood window and door manufacturing, nsk, total	X	25 140	.22
	321918	Other millwork (including flooring)	X	D	S
	3219181	Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	D	S
	325520	Adhesive manufacturing	X	9 322	.08
	325520A	Nonstructural caulking compounds and sealants	X	9 322	.08
	326150	Urethane and other foam product (except polystyrene) manufacturing	X	D	S
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	X	D	S
	326199	All other plastics product manufacturing	X	174 183	1.54
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	160 466	1.42
	326199A	All other reinforced and fiberglass plastics products	X	13 620	.12
	327215	Glass product manufacturing made of purchased glass	X	75 562	.67
	3272159	Mirrors (decorated and undecorated), made from purchased glass	X	D	S
	327215B	Other glass products, made from purchased glass	X	D	S
	327215W	Glass product manufacturing made of purchased glass, nsk, total	X	5 735	.05
	331316	Aluminum extruded product manufacturing	X	47 121	.42
	3313161	Extruded aluminum rod, bar, and other extruded shapes	X	47 121	.42
	332116	Metal stamping	X	D	S
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S
	332312	Fabricated structural metal manufacturing	X	16 153	.14
	3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	11 439	.10
	332321	Metal window and door manufacturing	X	9 864 149	87.43
	3323211	Metal doors (except storm doors)	X	5 140 277	45.56
	3323213	Metal windows (except storm sash)	X	2 085 174	18.48
	3323215	Metal molding and trim and store fronts	X	960 052	8.51
	3323217	Metal combination screen, storm sash, and storm doors	X	512 135	4.54
	3323219	Metal window and door screens (except combination) and metal weather strip	X	300 589	2.66
	332321W	Metal window and door manufacturing, nsk, total	X	865 922	7.67
	332322	Sheet metal work manufacturing	X	57 190	.51
	3323229	Sheet metal flooring and siding	X	6 527	.06
	332322A	Sheet metal awnings, canopies, cornices, and soffits	X	42 177	.37
	332322G	Other sheet metal work	X	7 017	.06
	332323	Ornamental and architectural metal work manufacturing	X	12 991	.12
	3323233	Ornamental and architectural metal work	X	7 504	.07
	332510	Hardware manufacturing	X	154 422	1.37
	3325104	Builders' hardware	X	153 382	1.36
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S
	3328120	Metal coating, engraving, and allied services	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	332999H	All other miscellaneous fabricated metal products	X	D	S
	333991	Power-driven handtool manufacturing	X	D	S
	333991W	Power-driven handtool manufacturing, nsk, total	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	333999W	All other miscellaneous general purpose machinery manufacturing, nsk, total	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336214	Travel trailer and camper manufacturing	X	D	S
	3362145	Camping trailers, campers, pickup covers, and parts	X	D	S
	337124	Metal household furniture manufacturing	X	D	S
	3371248	Other nonupholstered metal household furniture	X	D	S
	339999	All other miscellaneous manufacturing	X	D	S
3399991	Hand-portable and fixed-system (except water sprinkler system) fire extinguishing equipment, parts and attachments	X	D	S	
930000	Receipts for work done for others on their materials	X	31 516	.28	
9300000	Receipts for work done for others on their materials	X	31 516	.28	
999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	176 827	1.57	
9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	176 827	1.57	
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	390 788	3.46	
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	390 788	3.46	
999999	All other products made in this industry	X	33 295	.30	
9999999	All other products made in this industry	X	56 508	.50	
332322		Sheet metal work manufacturing	15 417 237	X	100.00
	326122	Plastics pipe and pipe fitting manufacturing	X	D	S
	3261221	Plastics pipe	X	D	S
	326140	Polystyrene foam product manufacturing	X	D	S
	3261403	Building and construction polystyrene foam products	X	D	S
	326199	All other plastics product manufacturing	X	75 683	.49
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	65 045	.42
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	331111	Iron and steel mills	X	D	S
	332114	Custom roll forming	X	39 712	.26
	3321140	Custom roll form products	X	39 712	.26
	332116	Metal stamping	X	29 720	.19
	3321161	Job stampings, except automotive	X	24 575	.16
	332311	Prefabricated metal building and component manufacturing	X	31 957	.21
	3323113	Other prefabricated and portable metal buildings and parts	X	27 693	.18
	332312	Fabricated structural metal manufacturing	X	61 546	.40
	3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	35 498	.23
	3323123	Fabricated structural metal for bridges	X	D	S
3323125	Other fabricated structural metal	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332322		Sheet metal work manufacturing—Con.			
	332313	Plate work manufacturing	X	52 089	.34
	3323130	Fabricated plate work (stacks and weldments)	X	52 089	.34
	332321	Metal window and door manufacturing	X	16 789	.11
	3323211	Metal doors (except storm doors)	X	D	S
	332321W	Metal window and door manufacturing, nsk, total	X	D	S
	332322	Sheet metal work manufacturing	X	13 801 839	89.52
	3323221	Sheet metal air-conditioning ducts and stove pipe	X	1 828 738	11.86
	3323223	Sheet metal culverts, flumes, irrigation pipes, etc.	X	547 349	3.55
	3323227	Sheet metal roofing and roof drainage equipment	X	1 203 546	7.81
	3323229	Sheet metal flooring and siding	X	893 423	5.79
	332322A	Sheet metal awnings, canopies, cornices, and soffits	X	604 483	3.92
	332322C	Sheet metal electronic enclosures	X	2 292 299	14.87
	332322F	Metal studs, nonload and load-bearing (iron, steel, and aluminum)	X	291 966	1.89
	332322G	Other sheet metal work	X	3 423 452	22.21
	332322W	Sheet metal work manufacturing, nsk, total	X	2 716 583	17.62
	332323	Ornamental and architectural metal work manufacturing	X	43 333	.28
	3323231	Metal grilles, registers, and air diffusers	X	8 432	.05
	3323233	Ornamental and architectural metal work	X	21 669	.14
	332323W	Ornamental and architectural metal work manufacturing, nsk, total	X	10 386	.07
	332420	Metal tank (heavy gauge) manufacturing	X	12 160	.08
	332420W	Metal tank (heavy gauge) manufacturing, nsk, total	X	8 057	.05
	332618	Other fabricated wire product manufacturing	X	D	S
	332618B	Other ferrous wire products (excluding springs), made from purchased wire	X	D	S
	332710	Machine shops	X	69 454	.45
	3327100	Receipts for machine shop job work and job order repairs	X	69 454	.45
	332721	Precision turned product manufacturing	X	21 913	.14
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	8 556	.06
	332721W	Precision turned product manufacturing, nsk, total	X	12 974	.08
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	16 784	.11
	3328120	Metal coating, engraving, and allied services	X	16 784	.11
	332919	Other metal valve and pipe fitting manufacturing	X	D	S
	3329194	Metal fittings, flanges, and unions for piping systems	X	D	S
	332998	Enameled iron and metal sanitary ware manufacturing	X	5 198	.03
	3329980	Enameled iron and metal sanitary ware	X	5 198	.03
	332999	All other miscellaneous fabricated metal product manufacturing	X	72 460	.47
	332999H	All other miscellaneous fabricated metal products	X	13 634	.09
	332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total	X	56 555	.37
	333294	Food product machinery manufacturing	X	D	S
	3332943	Commercial food products machinery (except packaging machinery and food cooking and warming equipment)	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	3333191	Commercial cooking and food-warming equipment	X	D	S
	333411	Air purification equipment manufacturing	X	D	S
	3334111	Dust collection and other air purification equipment for industrial gas cleaning systems	X	D	S
	333412	Industrial and commercial fan and blower manufacturing	X	D	S
	3334120	Industrial and commercial fans and blowers	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	23 276	.15
	3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	5 340	.03
	3334153	Commercial refrigerators and related equipment	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	6 292	.04
	3335140	Special dies, tools, jigs, and fixtures	X	6 292	.04
	333518	Other metalworking machinery manufacturing	X	D	S
	3335181	Assembly machines	X	D	S
	334112	Computer storage device manufacturing	X	D	S
	3341121	Computer storage devices (except parts, attachments, and accessories)	X	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	X	23 154	.15
	337215L	Hardwood and softwood furniture dimension fully machined ready for assembly	X	D	S
	337215W	Showcase, partition, shelving, and locker manufacturing, nsk, total	X	D	S
	339999	All other miscellaneous manufacturing	X	D	S
	339999K	All other miscellaneous fabricated products	X	D	S
	930000	Receipts for work done for others on their materials	X	94 399	.61
	9300000	Receipts for work done for others on their materials	X	94 399	.61
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	82 199	.53
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	82 199	.53
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	627 315	4.07
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	627 315	4.07
	999999	All other products made in this industry	X	89 802	.58
	9999999	All other products made in this industry	X	134 622	.87
332323		Ornamental and architectural metal work manufacturing	5 385 500	X	100.00
	326199	All other plastics product manufacturing	X	12 035	.22
	326199A	All other reinforced and fiberglass plastics products	X	D	S
	327215	Glass product manufacturing made of purchased glass	X	D	S
	327215B	Other glass products, made from purchased glass	X	D	S
	331111	Iron and steel mills	X	5 353	.10
	332114	Custom roll forming	X	12 080	.22
	3321140	Custom roll form products	X	12 080	.22
	332311	Prefabricated metal building and component manufacturing	X	D	S
	3323111	Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts)	X	D	S
	332312	Fabricated structural metal manufacturing	X	118 282	2.20
	3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	101 102	1.88
	3323125	Other fabricated structural metal	X	11 285	.21
	332312W	Fabricated structural metal manufacturing, nsk, total	X	5 443	.10
	332313	Plate work manufacturing	X	7 637	.14
	3323130	Fabricated plate work (stacks and weldments)	X	7 637	.14
	332321	Metal window and door manufacturing	X	13 683	.25

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
332323		Ornamental and architectural metal work manufacturing—Con.				
	332321	Metal window and door manufacturing—Con.				
	3323211	Metal doors (except storm doors)	X	D	S	
	3323215	Metal molding and trim and store fronts	X	D	S	
	332322	Sheet metal work manufacturing	X	94 741	1.76	
	3323221	Sheet metal air-conditioning ducts and stove pipe	X	D	S	
	332322F	Metal studs, nonload and load-bearing (iron, steel, and aluminum)	X	37 691	.70	
	332322G	Other sheet metal work	X	30 951	.57	
	332323	Ornamental and architectural metal work manufacturing	X	4 666 893	86.66	
	3323231	Metal grilles, registers, and air diffusers	X	553 032	10.27	
	3323233	Ornamental and architectural metal work	X	1 305 637	24.24	
	3323236	Open metal flooring, grating, and studs	X	D	S	
	3323237	Metal scaffolding and shoring and forming for concrete work	X	D	S	
	3323239	Other architectural and ornamental work	X	1 093 478	20.30	
	332323V	Ornamental and architectural metal work manufacturing, nsk, total	X	848 536	15.76	
	332618	Other fabricated wire product manufacturing	X	14 909	.28	
	3326187	Steel fencing and fence gates, made from purchased wire	X	D	S	
	332913	Plumbing fixture fitting and trim manufacturing	X	D	S	
	3329138	Miscellaneous plumbing fixtures, fittings, and trim (brass goods)	X	D	S	
	332996	Fabricated pipe and pipe fitting manufacturing	X	14 023	.26	
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	14 023	.26	
	332999	All other miscellaneous fabricated metal product manufacturing	X	24 283	.45	
	332999H	All other miscellaneous fabricated metal products	X	15 937	.30	
	332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total	X	7 720	.14	
	333111	Farm machinery and equipment manufacturing	X	D	S	
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S	
	333415D	Parts and accessories for air-conditioning and heat transfer equipment	X	D	S	
	335931	Current-carrying wiring device manufacturing	X	D	S	
	335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	D	S	
	930000	Receipts for work done for others on their materials	X	30 257	.56	
	9300000	Receipts for work done for others on their materials	X	30 257	.56	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	68 735	1.28	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	68 735	1.28	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	197 050	3.66	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	197 050	3.66	
	999999	All other products made in this industry	X	38 206	.71	
	9999999	All other products made in this industry	X	66 730	1.24	
	332410		Power boiler and heat exchanger manufacturing	3 616 110	X	100.00
		326199	All other plastics product manufacturing	X	D	S
		326199A	All other reinforced and fiberglass plastics products	X	D	S
		331111	Iron and steel mills	X	D	S
		331111B	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	X	D	S
		332410	Power boiler and heat exchanger manufacturing	X	3 186 694	88.12
		3324101	Fabricated heat exchangers and steam condensers (except nuclear applications)	X	1 376 132	38.06
		3324105	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications)	X	933 704	25.82
		3324107	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment	X	166 722	4.61
		332410W	Power boiler and heat exchanger manufacturing, nsk, total	X	710 136	19.64
332420		Metal tank (heavy gauge) manufacturing	X	33 330	.92	
332420E		Metal tanks and vessels, custom fabricated at the factory and field erected	X	19 155	.53	
332420G		Metal tanks and vessels, custom fabricated and field erected	X	5 550	.15	
332710		Machine shops	X	5 018	.14	
3327100		Receipts for machine shop job work and job order repairs	X	5 018	.14	
332996		Fabricated pipe and pipe fitting manufacturing	X	7 933	.22	
3329960		Fabricated pipe and pipe fittings made from purchased pipe	X	7 933	.22	
333415		Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S	
3334152		Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	D	S	
333415D		Parts and accessories for air-conditioning and heat transfer equipment	X	D	S	
333912		Air and gas compressor manufacturing	X	D	S	
3339121		Air and gas compressors and vacuum pumps	X	D	S	
930000		Receipts for work done for others on their materials	X	54 075	1.50	
9300000		Receipts for work done for others on their materials	X	54 075	1.50	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	53 552	1.48	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	53 552	1.48	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	182 377	5.04	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	182 377	5.04	
999999		All other products made in this industry	X	35 060	.97	
9999999		All other products made in this industry	X	44 195	1.22	
332420			Metal tank (heavy gauge) manufacturing	4 797 732	X	100.00
		326199	All other plastics product manufacturing	X	17 251	.36
		3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	X	D	S
		326199A	All other reinforced and fiberglass plastics products	X	6 886	.14
		332114	Custom roll forming	X	D	S
		3321140	Custom roll form products	X	D	S
		332312	Fabricated structural metal manufacturing	X	65 159	1.36
		3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	33 309	.69
		3323123	Fabricated structural metal for bridges	X	5 586	.12
		3323125	Other fabricated structural metal	X	26 264	.55
		332313	Plate work manufacturing	X	26 789	.56
		3323130	Fabricated plate work (stacks and weldments)	X	26 789	.56
		332322	Sheet metal work manufacturing	X	5 255	.11

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
332420		Metal tank (heavy gauge) manufacturing—Con.				
	332410	Power boiler and heat exchanger manufacturing	X	74 922	1.56	
	3324101	Fabricated heat exchangers and steam condensers (except nuclear applications)	X	38 472	.80	
	3324105	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications)	X	15 396	.32	
	3324107	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment	X	20 940	.44	
	332420	Metal tank (heavy gauge) manufacturing	X	4 239 946	88.37	
	3324207	Gas cylinders	X	481 490	10.04	
	3324209	Metal tanks, complete at factory (standard line pressure)	X	544 443	11.35	
	332420C	Metal tanks, complete at factory (standard line nonpressure)	X	472 347	9.85	
	332420E	Metal tanks and vessels, custom fabricated at the factory and field erected	X	1 136 583	23.69	
	332420G	Metal tanks and vessels, custom fabricated and field erected	X	1 109 713	23.13	
	332420W	Metal tank (heavy gauge) manufacturing, nsk, total	X	495 370	10.33	
	332439	Other metal container manufacturing	X	5 567	.12	
	332710	Machine shops	X	21 340	.44	
	3327100	Receipts for machine shop job work and job order repairs	X	21 340	.44	
	332919	Other metal valve and pipe fitting manufacturing	X	D	S	
	3329191	Plumbing and heating valves and specialties, except plumbers' brass goods	X	D	S	
	332996	Fabricated pipe and pipe fitting manufacturing	X	5 794	.12	
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	5 794	.12	
	332999	All other miscellaneous fabricated metal product manufacturing	X	26 159	.55	
	332999H	All other miscellaneous fabricated metal products	X	24 091	.50	
	336214	Travel trailer and camper manufacturing	X	11 765	.25	
	3362143	Automobile and light truck trailers	X	11 765	.25	
	336611	Ship building and repairing	X	D	S	
	3366111	Nonpropelled ships, new construction	X	D	S	
	930000	Receipts for work done for others on their materials	X	39 935	.83	
	9300000	Receipts for work done for others on their materials	X	39 935	.83	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	92 993	1.94	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	92 993	1.94	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	101 786	2.12	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	101 786	2.12	
	999999	All other products made in this industry	X	44 537	.93	
	9999999	All other products made in this industry	X	60 682	1.26	
	332431		Metal can manufacturing	11 484 896	X	100.00
		326199	All other plastics product manufacturing	X	D	S
		3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	X	D	S
		332431	Metal can manufacturing	X	10 930 988	95.18
		3324311	Steel cans and tinware products	X	4 028 780	35.08
		3324313	Aluminum (including lids, ends, and parts shipped separately)	X	6 827 586	59.45
		332431W	Metal can manufacturing, nsk, total	X	74 622	.65
332439		Other metal container manufacturing	X	D	S	
3324391		Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	X	D	S	
333994		Industrial process furnace and oven manufacturing	X	D	S	
3339940		Industrial furnaces and ovens, and electric industrial heating equipment	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	378 958	3.30	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	378 958	3.30	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	4 763	.04	
9999999		All other products made in this industry	X	7 265	.06	
332439			Other metal container manufacturing	3 120 527	X	100.00
	314912	Canvas and related product mills	X	D	S	
	3149120	Canvas and related products	X	D	S	
	326199	All other plastics product manufacturing	X	17 960	.58	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	15 812	.51	
	332116	Metal stamping	X	24 741	.79	
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	22 422	.72	
	332311	Prefabricated metal building and component manufacturing	X	D	S	
	3323113	Other prefabricated and portable metal buildings and parts	X	D	S	
	332322	Sheet metal work manufacturing	X	6 922	.22	
	332431	Metal can manufacturing	X	D	S	
	3324311	Steel cans and tinware products	X	D	S	
	332439	Other metal container manufacturing	X	2 683 177	85.98	
	3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	X	663 686	21.27	
	3324393	Steel shipping barrels and drums (excluding beer barrels (more than 12 gallon capacity))	X	630 194	20.20	
	3324396	All other metal container manufacturing	X	1 048 784	33.61	
	332439W	Other metal container manufacturing, nsk, total	X	340 513	10.91	
	332999	All other miscellaneous fabricated metal product manufacturing	X	21 570	.69	
	332999H	All other miscellaneous fabricated metal products	X	19 893	.64	
	333111	Farm machinery and equipment manufacturing	X	28 424	.91	
	333111C	Parts for farm machinery, for sale separately	X	D	S	
	333922	Conveyor and conveying equipment manufacturing	X	D	S	
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	D	S	
	336370	Motor vehicle metal stamping	X	D	S	
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S	
	336399	All other motor vehicle parts manufacturing	X	D	S	
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S	
	337215	Showcase, partition, shelving, and locker manufacturing	X	D	S	
	930000	Receipts for work done for others on their materials	X	16 323	.52	
	9300000	Receipts for work done for others on their materials	X	16 323	.52	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332439	999800	Other metal container manufacturing—Con. Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 198	.74
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 198	.74
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	144 236	4.62
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	144 236	4.62
	999999	All other products made in this industry	X	32 280	1.03
	9999999	All other products made in this industry	X	59 510	1.91
332510		Hardware manufacturing	10 372 489	X	100.00
	321911	Wood window and door manufacturing	X	9 551	.09
	321911W	Wood window and door manufacturing, nsk, total	X	5 334	.05
	326199	All other plastics product manufacturing	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	331111	Iron and steel mills	X	D	S
	3311117	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills	X	D	S
	331316	Aluminum extruded product manufacturing	X	D	S
	3313161	Extruded aluminum rod, bar, and other extruded shapes	X	D	S
	331522	Nonferrous (except aluminum) die-casting foundries	X	D	S
	3315220	Nonferrous (except aluminum) die-castings	X	D	S
	332116	Metal stamping	X	54 168	.52
	3321161	Job stampings, except automotive	X	10 848	.10
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	43 320	.42
	332117	Powder metallurgy part manufacturing	X	D	S
	3321170	Powder metallurgy parts	X	D	S
	332212	Hand and edge tool manufacturing	X	9 433	.09
	332321	Metal window and door manufacturing	X	12 889	.12
	3323211	Metal doors (except storm doors)	X	10 620	.10
	332322	Sheet metal work manufacturing	X	10 857	.10
	332322A	Sheet metal awnings, canopies, cornices, and soffits	X	D	S
	332439	Other metal container manufacturing	X	D	S
	3324396	All other metal container manufacturing	X	D	S
	332510	Hardware manufacturing	X	9 330 595	89.96
	3325102	Furniture hardware (excluding cabinet hardware)	X	722 309	6.96
	3325104	Builders' hardware	X	4 523 771	43.61
	3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)	X	2 593 354	25.00
	3325107	Other transportation equipment hardware (except motor vehicle hardware)	X	316 529	3.05
	332510A	All other miscellaneous hardware	X	540 986	5.22
	332510W	Hardware manufacturing, nsk, total	X	633 646	6.11
	332999	All other miscellaneous fabricated metal product manufacturing	X	29 786	.29
	332999H	All other miscellaneous fabricated metal products	X	29 611	.29
	333512	Machine tool (metal cutting types) manufacturing	X	D	S
	3335122	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines	X	D	S
	333613	Mechanical power transmission equipment manufacturing	X	D	S
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	3359996	Other electrical equipment for industrial use (except for electronic circuitry)	X	D	S
	336360	Motor vehicle seating and interior trim manufacturing	X	D	S
	3363603	Seats for public conveyance and aircraft	X	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	X	D	S
	3369913	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)	X	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	X	D	S
	337215A	Nonwood shelving and lockers	X	D	S
	337215L	Hardwood and softwood furniture dimension fully machined ready for assembly	X	D	S
	930000	Receipts for work done for others on their materials	X	18 469	.18
	9300000	Receipts for work done for others on their materials	X	18 469	.18
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 144	.59
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	61 144	.59
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	489 674	4.72
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	489 674	4.72
	999999	All other products made in this industry	X	76 639	.74
	9999999	All other products made in this industry	X	108 705	1.05
332611		Spring (heavy gauge) manufacturing	709 804	X	100.00
	332611	Spring (heavy gauge) manufacturing	X	558 321	78.66
	3326111	Hot formed steel springs, except wire	X	281 910	39.72
	3326113	Cold formed steel springs, except wire	X	247 110	34.81
	332611W	Spring (heavy gauge) manufacturing, nsk, total	X	29 301	4.13
	332612	Spring (light gauge) manufacturing	X	57 681	8.13
	3326122	Precision mechanical wire springs	X	24 736	3.48
	3326124	Other wire springs	X	32 945	4.64
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	332999H	All other miscellaneous fabricated metal products	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	6 400	.90
	9999999	All other products made in this industry	X	6 400	.90
332612		Spring (light gauge) manufacturing	2 426 515	X	100.00
	332510	Hardware manufacturing	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
332612		Spring (light gauge) manufacturing—Con.				
	332510	Hardware manufacturing—Con.				
	3325102	Furniture hardware (excluding cabinet hardware)	X	D	S	
	332611	Spring (heavy gauge) manufacturing	X	D	S	
	3326111	Hot formed steel springs, except wire	X	D	S	
	3326113	Cold formed steel springs, except wire	X	76 769	3.16	
	332612	Spring (light gauge) manufacturing	X	2 008 179	82.76	
	3326122	Precision mechanical wire springs	X	746 999	30.78	
	3326124	Other wire springs	X	1 186 692	48.91	
	332612W	Spring (light gauge) manufacturing, nsk, total	X	74 488	3.07	
	332618	Other fabricated wire product manufacturing	X	D	S	
	3326181	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	X	9 559	.39	
	332618B	Other ferrous wire products (excluding springs), made from purchased wire	X	D	S	
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S	
	332999H	All other miscellaneous fabricated metal products	X	D	S	
	339999	All other miscellaneous manufacturing	X	D	S	
	339999K	All other miscellaneous fabricated products	X	D	S	
	930000	Receipts for work done for others on their materials	X	7 172	.30	
	9300000	Receipts for work done for others on their materials	X	7 172	.30	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	218 232	8.99	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	218 232	8.99	
	999999	All other products made in this industry	X	9 895	.41	
	9999999	All other products made in this industry	X	9 981	.41	
	332618		Other fabricated wire product manufacturing	5 978 241	X	100.00
		321999	All other miscellaneous wood product manufacturing	X	D	S
		3219990	All other miscellaneous wood product manufacturing	X	D	S
		331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	X	D	S
331419A		All other miscellaneous primary nonferrous metals	X	D	S	
332116		Metal stamping	X	6 436	.11	
332612		Spring (light gauge) manufacturing	X	17 462	.29	
3326122		Precision mechanical wire springs	X	15 905	.27	
332618		Other fabricated wire product manufacturing	X	5 228 422	87.46	
3326181		Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	X	535 065	8.95	
3326182		Other fabricated wire products, made from purchased wire	X	194 810	3.26	
3326183		Ferrous wire cloth and other ferrous woven wire products, made from purchased wire	X	150 279	2.51	
3326185		Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire	X	64 192	1.07	
3326187		Steel fencing and fence gates, made from purchased wire	X	225 517	3.77	
3326189		Steel nails, staples, tacks, spikes, and brads, made from purchased wire	X	370 888	6.20	
332618B		Other ferrous wire products (excluding springs), made from purchased wire	X	2 569 856	42.99	
332618W		Other fabricated wire product manufacturing, nsk, total	X	1 117 815	18.70	
332999		All other miscellaneous fabricated metal product manufacturing	X	6 964	.12	
332999H		All other miscellaneous fabricated metal products	X	6 736	.11	
333991		Power-driven handtool manufacturing	X	D	S	
3339911		Power-driven handtools, pneumatic, hydraulic, and power-actuated	X	D	S	
3339917		Power-driven handtools, battery-powered (cordless), including parts	X	D	S	
337110		Wood kitchen cabinet and countertop manufacturing	X	D	S	
3371101		Wood stock line kitchen cabinets and related cabinetwork for permanent installation	X	D	S	
930000		Receipts for work done for others on their materials	X	11 445	.19	
9300000		Receipts for work done for others on their materials	X	11 445	.19	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	19 983	.33	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	19 983	.33	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	541 601	9.06	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	541 601	9.06	
999999		All other products made in this industry	X	73 980	1.24	
9999999		All other products made in this industry	X	82 201	1.38	
332710			Machine shops	26 465 660	X	100.00
		326199	All other plastics product manufacturing	X	16 819	.06
		3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	X	6 197	.02
		331111	Iron and steel mills	X	D	S
		331111J	Open die and smith forgings (hammer and press), ferrous, made in steel mills	X	D	S
		332116	Metal stamping	X	22 662	.09
		3321161	Job stampings, except automotive	X	21 037	.08
		332312	Fabricated structural metal manufacturing	X	9 555	.04
		3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	6 028	.02
		332313	Plate work manufacturing	X	98 471	.37
	3323130	Fabricated plate work (stacks and weldments)	X	98 471	.37	
	332322	Sheet metal work manufacturing	X	49 551	.19	
	332322W	Sheet metal work manufacturing, nsk, total	X	38 822	.15	
	332323	Ornamental and architectural metal work manufacturing	X	6 749	.03	
	332710	Machine shops	X	23 344 357	88.21	
	3327100	Receipts for machine shop job work and job order repairs	X	23 344 357	88.21	
	332721	Precision turned product manufacturing	X	295 709	1.12	
	3327211	Precision turned products, automotive	X	7 145	.03	
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	59 279	.22	
	332721W	Precision turned product manufacturing, nsk, total	X	229 285	.87	
	332722	Bolt, nut, screw, rivet, and washer manufacturing	X	9 873	.04	
	332722W	Bolt, nut, screw, rivet, and washer manufacturing, nsk, total	X	5 189	.02	
	332811	Metal heat treating	X	32 321	.12	
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	32 321	.12	
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	29 143	.11	
	3328120	Metal coating, engraving, and allied services	X	29 143	.11	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
332710		Machine shops—Con.				
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	20 457	.08	
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	20 457	.08	
	332996	Fabricated pipe and pipe fitting manufacturing	X	7 510	.03	
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	7 510	.03	
	332997	Industrial pattern manufacturing	X	D	S	
	3329970	Industrial patterns	X	D	S	
	332999	All other miscellaneous fabricated metal product manufacturing	X	59 773	.23	
	3329995	Miscellaneous machinery products	X	50 382	.19	
	332999H	All other miscellaneous fabricated metal products	X	7 444	.03	
	333111	Farm machinery and equipment manufacturing	X	12 373	.05	
	333111C	Parts for farm machinery, for sale separately	X	D	S	
	333298	All other industrial machinery manufacturing	X	7 763	.03	
	3332987	All other miscellaneous special industry machinery and equipment	X	6 788	.03	
	333511	Industrial mold manufacturing	X	37 082	.14	
	3335110	Industrial molds and mold boxes	X	37 082	.14	
	333513	Machine tool (metal forming types) manufacturing	X	5 469	.02	
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	84 744	.32	
	3335140	Special dies, tools, jigs, and fixtures	X	84 744	.32	
	333515	Cutting tool and machine tool accessory manufacturing	X	11 161	.04	
	333515W	Cutting tool and machine tool accessory manufacturing, nsk, total	X	9 009	.03	
	333911	Pump and pumping equipment manufacturing	X	8 251	.03	
	3339111	Pump and pumping equipment	X	D	S	
	333912	Air and gas compressor manufacturing	X	D	S	
	333922	Conveyor and conveying equipment manufacturing	X	6 139	.02	
	333999	All other miscellaneous general purpose machinery manufacturing	X	29 690	.11	
	333999A	All other miscellaneous machinery products, except electrical	X	13 826	.05	
	333999W	All other miscellaneous general purpose machinery manufacturing, nsk, total	X	12 904	.05	
	336214	Travel trailer and camper manufacturing	X	D	S	
	3362145	Camping trailers, campers, pickup covers, and parts	X	D	S	
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S	
	3363503	Motor vehicle drive train components, rebuilt	X	D	S	
	336370	Motor vehicle metal stamping	X	16 479	.06	
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	16 479	.06	
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	D	S	
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S	
	339999	All other miscellaneous manufacturing	X	6 854	.03	
	339999K	All other miscellaneous fabricated products	X	6 534	.02	
	930000	Receipts for work done for others on their materials	X	440 322	1.66	
	9300000	Receipts for work done for others on their materials	X	440 322	1.66	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	596 212	2.25	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	596 212	2.25	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 034 178	3.91	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 034 178	3.91	
	999999	All other products made in this industry	X	122 052	.46	
	9999999	All other products made in this industry	X	194 326	.73	
	332721		Precision turned product manufacturing	8 715 138	X	100.00
		332116	Metal stamping	X	26 494	.30
		3321161	Job stampings, except automotive	X	24 641	.28
		332313	Plate work manufacturing	X	13 486	.15
		3323130	Fabricated plate work (stacks and weldments)	X	13 486	.15
		332322	Sheet metal work manufacturing	X	11 396	.13
		332322W	Sheet metal work manufacturing, nsk, total	X	9 907	.11
		332710	Machine shops	X	301 592	3.46
		3327100	Receipts for machine shop job work and job order repairs	X	301 592	3.46
332721		Precision turned product manufacturing	X	7 698 106	88.33	
3327211		Precision turned products, automotive	X	2 002 312	22.98	
3327215		Precision turned products (made on CNC equipment or screw machines), except automotive	X	3 999 315	45.89	
332721W		Precision turned product manufacturing, nsk, total	X	1 696 479	19.47	
332722		Bolt, nut, screw, rivet, and washer manufacturing	X	63 848	.73	
3327221		Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles)	X	7 373	.08	
3327223		Externally threaded metal fasteners (except aircraft types)	X	25 642	.29	
3327225		Internally threaded metal fasteners (except aircraft types)	X	8 261	.09	
3327227		Nonthreaded metal fasteners (except aircraft types)	X	12 813	.15	
332722W		Bolt, nut, screw, rivet, and washer manufacturing, nsk, total	X	7 733	.09	
332811		Metal heat treating	X	7 642	.09	
3328110		Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	7 642	.09	
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	5 403	.06	
3328120		Metal coating, engraving, and allied services	X	5 403	.06	
332813		Electroplating, plating, polishing, anodizing, and coloring	X	9 206	.11	
3328130		Electroplating, plating, polishing, anodizing, and coloring	X	9 206	.11	
332911		Industrial valve manufacturing	X	27 498	.32	
332911W		Industrial valve manufacturing, nsk, total	X	27 204	.31	
332912		Fluid power valve and hose fitting manufacturing	X	37 739	.43	
3329129		Nonaerospace type pneumatic directional control valves	X	D	S	
332912F		Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	X	D	S	
332912W		Fluid power valve and hose fitting manufacturing, nsk, total	X	14 445	.17	
332999		All other miscellaneous fabricated metal product manufacturing	X	14 302	.16	
3329995		Miscellaneous machinery products	X	8 862	.10	
333293		Printing machinery and equipment manufacturing	X	D	S	
333293W		Printing machinery and equipment manufacturing, nsk, total	X	D	S	
333514		Special die and tool, die set, jig, and fixture manufacturing	X	38 407	.44	
3335140		Special dies, tools, jigs, and fixtures	X	38 407	.44	
333515		Cutting tool and machine tool accessory manufacturing	X	D	S	
333999		All other miscellaneous general purpose machinery manufacturing	X	7 795	.09	
930000		Receipts for work done for others on their materials	X	82 667	.95	
9300000	Receipts for work done for others on their materials	X	82 667	.95		

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332721		Precision turned product manufacturing—Con.			
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	82 618	.95
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	82 618	.95
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	216 470	2.48
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	216 470	2.48
	999999	All other products made in this industry	X	58 960	.68
332722	9999999	All other products made in this industry	X	88 432	1.01
		Bolt, nut, screw, rivet, and washer manufacturing	7 776 346	X	100.00
	321213	Engineered wood member (except truss) manufacturing	X	D	S
	3212130	Engineered wood members (except trusses)	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199A	All other reinforced and fiberglass plastics products	X	D	S
332116	Metal stamping	X	17 294	.22	
3321161	Job stampings, except automotive	X	13 655	.18	
332212	Hand and edge tool manufacturing	X	9 401	.12	
3322128	All other miscellaneous handtools	X	D	S	
332312	Fabricated structural metal manufacturing	X	D	S	
3323125	Other fabricated structural metal	X	D	S	
332710	Machine shops	X	16 693	.21	
3327100	Receipts for machine shop job work and job order repairs	X	16 693	.21	
332721	Precision turned product manufacturing	X	116 303	1.50	
3327211	Precision turned products, automotive	X	46 913	.60	
3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	65 496	.84	
332722	Bolt, nut, screw, rivet, and washer manufacturing	X	7 006 601	90.10	
3327221	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles)	X	1 168 561	15.03	
3327223	Externally threaded metal fasteners (except aircraft types)	X	2 768 546	35.60	
3327225	Internally threaded metal fasteners (except aircraft types)	X	614 015	7.90	
3327227	Nonthreaded metal fasteners (except aircraft types)	X	908 658	11.68	
332722A	Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes	X	999 641	12.85	
332722W	Bolt, nut, screw, rivet, and washer manufacturing, nsk, total	X	547 180	7.04	
332811	Metal heat treating	X	D	S	
3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	D	S	
332813	Electroplating, plating, polishing, anodizing, and coloring	X	12 192	.16	
3328130	Electroplating, plating, polishing, anodizing, and coloring	X	12 192	.16	
332911	Industrial valve manufacturing	X	D	S	
332911B	All other miscellaneous industrial valves	X	D	S	
332919	Other metal valve and pipe fitting manufacturing	X	D	S	
3329194	Metal fittings, flanges, and unions for piping systems	X	D	S	
333513	Machine tool (metal forming types) manufacturing	X	D	S	
3335135	Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses)	X	D	S	
333515	Cutting tool and machine tool accessory manufacturing	X	5 881	.08	
333923	Overhead traveling crane, hoist, and monorail system manufacturing	X	D	S	
3339231	Hoists	X	D	S	
333991	Power-driven handtool manufacturing	X	38 805	.50	
3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	X	D	S	
3339919	Power-driven handtools, electric (except battery-powered), including parts	X	D	S	
339997	Gasket, packing, and sealing device manufacturing	X	D	S	
3399917	Metallic gaskets and machined seals	X	D	S	
930000	Receipts for work done for others on their materials	X	21 122	.27	
9300000	Receipts for work done for others on their materials	X	21 122	.27	
999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	19 091	.25	
9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	19 091	.25	
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	367 530	4.73	
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	367 530	4.73	
999999	All other products made in this industry	X	45 154	.58	
9999999	All other products made in this industry	X	62 683	.81	
332811		Metal heat treating	3 407 745	X	100.00
	332811	Metal heat treating	X	3 223 050	94.58
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	3 223 050	94.58
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S
	3328120	Metal coating, engraving, and allied services	X	D	S
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	25 857	.76
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	25 857	.76
	333518	Other metalworking machinery manufacturing	X	D	S
	3335183	Other metalworking machinery (except handheld and ultrasonic)	X	D	S
	930000	Receipts for work done for others on their materials	X	77 312	2.27
	9300000	Receipts for work done for others on their materials	X	77 312	2.27
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	29 939	.88
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	29 939	.88
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	25 348	.74
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	25 348	.74
	999999	All other products made in this industry	X	13 011	.38
9999999	All other products made in this industry	X	13 011	.38	
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	9 852 587	X	100.00
	323110	Commercial lithographic printing	X	D	S
	323110B	Other commercial and general job printing (lithographic)	X	D	S
	323113	Commercial screen printing	X	8 673	.09

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers—Con.			
	323113	Commercial screen printing—Con.			
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	8 368	.08
	326199	All other plastics product manufacturing	X	8 942	.09
	331112	Electrometallurgical ferroalloy product manufacturing	X	D	S
	3311125	Other ferroalloys	X	D	S
	332116	Metal stamping	X	D	S
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S
	332312	Fabricated structural metal manufacturing	X	D	S
	3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	D	S
	332710	Machine shops	X	17 111	.17
	3327100	Receipts for machine shop job work and job order repairs	X	17 111	.17
	332811	Metal heat treating	X	71 567	.73
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	71 567	.73
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	9 103 415	92.40
	3328120	Metal coating, engraving, and allied services	X	9 103 415	92.40
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	306 750	3.11
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	306 750	3.11
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	3344184	External modems, consumer	X	D	S
	930000	Receipts for work done for others on their materials	X	99 867	1.01
	9300000	Receipts for work done for others on their materials	X	99 867	1.01
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	52 050	.53
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	52 050	.53
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	74 465	.76
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	74 465	.76
	999999	All other products made in this industry	X	31 204	.32
	9999999	All other products made in this industry	X	40 526	.41
332813		Electroplating, plating, polishing, anodizing, and coloring	5 532 377	X	100.00
	331221	Rolled steel shape manufacturing	X	D	S
	3312211	Cold rolled steel sheet and strip, made from purchased steel	X	D	S
	332114	Custom roll forming	X	D	S
	3321140	Custom roll form products	X	D	S
	332710	Machine shops	X	19 036	.34
	3327100	Receipts for machine shop job work and job order repairs	X	19 036	.34
	332811	Metal heat treating	X	28 249	.51
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	28 249	.51
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	92 651	1.67
	3328120	Metal coating, engraving, and allied services	X	92 651	1.67
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	5 171 563	93.48
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	5 171 563	93.48
	333995	Fluid power cylinder and actuator manufacturing	X	D	S
	3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	X	D	S
	930000	Receipts for work done for others on their materials	X	91 303	1.65
	9300000	Receipts for work done for others on their materials	X	91 303	1.65
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	27 301	.49
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	27 301	.49
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	40 382	.73
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	40 382	.73
	999999	All other products made in this industry	X	23 473	.42
	9999999	All other products made in this industry	X	23 476	.42
332911		Industrial valve manufacturing	8 989 446	X	100.00
	331511	Iron foundries	X	17 630	.20
	3315113	Other ductile iron castings	X	D	S
	3315119	Other gray iron castings	X	D	S
	331522	Nonferrous (except aluminum) die-casting foundries	X	D	S
	3315220	Nonferrous (except aluminum) die-castings	X	D	S
	332212	Hand and edge tool manufacturing	X	D	S
	3322128	All other miscellaneous handtools	X	D	S
	332710	Machine shops	X	19 161	.21
	3327100	Receipts for machine shop job work and job order repairs	X	19 161	.21
	332721	Precision turned product manufacturing	X	7 079	.08
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	6 010	.07
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	D	S
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	D	S
	332911	Industrial valve manufacturing	X	7 531 881	83.79
	3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	X	1 324 766	14.74
	3329113	Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL)	X	961 356	10.69
	3329115	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves	X	1 032 927	11.49
	3329117	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves	X	525 530	5.85
	3329119	Industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined	X	271 070	3.02
	332911B	All other miscellaneous industrial valves	X	913 446	10.16
	332911D	Nuclear valves (N-stamp only)	X	71 830	.80
	332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	1 832 855	20.39
	332911H	Solenoid-operated valves and parts, except nuclear and fluid power transfer	X	298 601	3.32
	332911W	Industrial valve manufacturing, nsk, total	X	299 500	3.33

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332911		Industrial valve manufacturing—Con.			
	332912	Fluid power valve and hose fitting manufacturing	X	127 473	1.42
	3329123	Aerospace type pneumatic fluid power valves	X	D	S
	3329125	Nonaerospace type hydraulic directional control valves	X	D	S
	3329127	Nonaerospace type hydraulic valves, except directional control	X	D	S
	3329129	Nonaerospace type pneumatic directional control valves	X	D	S
	332912D	Parts for fluid power valves	X	D	S
	332912F	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	X	D	S
	332919	Other metal valve and pipe fitting manufacturing	X	213 137	2.37
	3329191	Plumbing and heating valves and specialties, except plumbers' brass goods	X	51 104	.57
	3329194	Metal fittings, flanges, and unions for piping systems	X	162 033	1.80
	332996	Fabricated pipe and pipe fitting manufacturing	X	20 839	.23
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	20 839	.23
	333132	Oil and gas field machinery and equipment manufacturing	X	5 370	.06
	333414	Heating equipment (except warm air furnaces) manufacturing	X	26 072	.29
	333414A	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	333415D	Parts and accessories for air-conditioning and heat transfer equipment	X	D	S
	333512	Machine tool (metal cutting types) manufacturing	X	D	S
	333512A	Metal boring machines and drilling machines (excluding machining centers)	X	D	S
	333911	Pump and pumping equipment manufacturing	X	79 718	.89
	3339111	Pump and pumping equipment	X	79 718	.89
	333995	Fluid power cylinder and actuator manufacturing	X	40 094	.45
	3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	X	13 386	.15
	3339953	Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary	X	24 102	.27
	333999	All other miscellaneous general purpose machinery manufacturing	X	11 381	.13
	3339991	Filters and strainers, except fluid power	X	D	S
	334419	Other electronic component manufacturing	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	29 335	.33
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	29 335	.33
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	154 666	1.72
	3345130	Process control instruments	X	154 666	1.72
	334514	Totalizing fluid meter and counting device manufacturing	X	22 770	.25
	3345141	Integrating and totalizing meters for gas and liquids	X	22 770	.25
	334519	Other measuring and controlling device manufacturing	X	6 605	.07
	3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	D	S
	335314	Relay and industrial control manufacturing	X	10 177	.11
	3353146	General-purpose industrial controls	X	D	S
	930000	Receipts for work done for others on their materials	X	11 887	.13
	9300000	Receipts for work done for others on their materials	X	11 887	.13
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	102 632	1.14
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	102 632	1.14
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	425 724	4.74
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	425 724	4.74
	999999	All other products made in this industry	X	44 592	.50
	9999999	All other products made in this industry	X	66 350	.74
332912		Fluid power valve and hose fitting manufacturing	6 261 058	X	100.00
	326122	Plastics pipe and pipe fitting manufacturing	X	D	S
	3261223	Plastics pipe fittings and unions	X	D	S
	332710	Machine shops	X	14 699	.23
	3327100	Receipts for machine shop job work and job order repairs	X	14 699	.23
	332721	Precision turned product manufacturing	X	10 024	.16
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	7 366	.12
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S
	3328120	Metal coating, engraving, and allied services	X	D	S
	332911	Industrial valve manufacturing	X	46 548	.74
	3329115	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves	X	20 131	.32
	332911B	All other miscellaneous industrial valves	X	D	S
	332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	D	S
	332912	Fluid power valve and hose fitting manufacturing	X	4 887 715	78.07
	3329121	Aerospace type hydraulic fluid power valves	X	618 883	9.88
	3329123	Aerospace type pneumatic fluid power valves	X	362 224	5.79
	3329125	Nonaerospace type hydraulic directional control valves	X	343 815	5.49
	3329127	Nonaerospace type hydraulic valves, except directional control	X	384 151	6.14
	3329129	Nonaerospace type pneumatic directional control valves	X	400 825	6.40
	332912B	Nonaerospace type pneumatic valves, except directional control	X	136 135	2.17
	332912D	Parts for fluid power valves	X	106 852	1.71
	332912F	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	X	552 930	8.83
	332912H	Nonaerospace type flared (metal) fittings, couplings, and assemblies of tubing used in fluid power transfer systems	X	384 187	6.14
	332912J	Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems	X	504 610	8.06
	332912L	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose	X	660 549	10.55
	332912N	Nonaerospace type hydraulic and pneumatic assemblies of hose	X	245 656	3.92
	332912W	Fluid power valve and hose fitting manufacturing, nsk, total	X	186 898	2.99
	332919	Other metal valve and pipe fitting manufacturing	X	60 260	.96
	3329191	Plumbing and heating valves and specialties, except plumbers' brass goods	X	D	S
	3329194	Metal fittings, flanges, and unions for piping systems	X	48 033	.77

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332912	333415	Fluid power valve and hose fitting manufacturing—Con.			
	3334152	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
		Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	D	S
	333611	Turbine and turbine generator set units manufacturing	X	D	S
	3336110	Turbines, turbine generators, and turbine generator sets (including parts)	X	D	S
	333613	Mechanical power transmission equipment manufacturing	X	D	S
	3336131	Plain bearings and bushings	X	D	S
	333912	Air and gas compressor manufacturing	X	D	S
	3339121	Air and gas compressors and vacuum pumps	X	D	S
	333991	Power-driven handtool manufacturing	X	D	S
	3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	X	D	S
	333995	Fluid power cylinder and actuator manufacturing	X	273 397	4.37
	3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	X	D	S
	3339953	Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary	X	95 374	1.52
	3339955	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc.	X	47 364	.76
	3339957	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic	X	D	S
	333996	Fluid power pump and motor manufacturing	X	106 855	1.71
	3339963	Nonaerospace type rotary and other fluid power pumps	X	D	S
	3339965	Nonaerospace type fluid power motors	X	D	S
	3339969	Parts for fluid power pumps, motors, and hydrostatic transmissions	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	83 215	1.33
	3339993	Filters for hydraulic fluid power systems, nonaerospace	X	D	S
	3339994	Filters for pneumatic fluid power systems, nonaerospace	X	D	S
	3339996	Filters for hydraulic and pneumatic fluid power systems, aerospace	X	D	S
	334113	Computer terminal manufacturing	X	D	S
	3341134	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	X	D	S
	334519	Other measuring and controlling device manufacturing	X	D	S
	3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	150 420	2.40
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	146 817	2.34
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	D	S
	3364157	Missile and space vehicle engine and propulsion parts and accessories	X	D	S
	339991	Gasket, packing, and sealing device manufacturing	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	276 740	4.42
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	276 740	4.42
	999999	All other products made in this industry	X	36 758	.59
	9999999	All other products made in this industry	X	63 834	1.02
332913		Plumbing fixture fitting and trim manufacturing	3 526 844	X	100.00
	326191	Plastics plumbing fixture manufacturing	X	D	S
	3261910	Plastics plumbing fixtures	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	332911	Industrial valve manufacturing	X	D	S
	3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	X	D	S
	332913	Plumbing fixture fitting and trim manufacturing	X	3 033 423	86.01
	3329131	Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscald bath or shower valves (brass goods)	X	1 096 723	31.10
	3329133	Lavatory and sink fittings (except single control), including drains and overflows (brass goods)	X	534 522	15.16
	3329138	Miscellaneous plumbing fixtures, fittings, and trim (brass goods)	X	1 140 220	32.33
	332913W	Plumbing fixture fitting and trim manufacturing, nsk, total	X	261 958	7.43
	332919	Other metal valve and pipe fitting manufacturing	X	20 159	.57
	3329191	Plumbing and heating valves and specialties, except plumbers' brass goods	X	17 768	.50
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	D	S
	3363115	Valves (engine intake and exhaust)	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	D	S
	3391136	Personal industrial and nonindustrial safety equipment and clothing	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	358 292	10.16
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	358 292	10.16
	999999	All other products made in this industry	X	9 733	.28
	9999999	All other products made in this industry	X	12 195	.35
332919		Other metal valve and pipe fitting manufacturing	2 698 444	X	100.00
	326199	All other plastics product manufacturing	X	D	S
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S
	332313	Plate work manufacturing	X	D	S
	3323130	Fabricated plate work (stacks and weldments)	X	D	S
	332911	Industrial valve manufacturing	X	99 343	3.68
	3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	X	D	S
	3329115	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves	X	32 548	1.21

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332919		Other metal valve and pipe fitting manufacturing—Con.			
	332911	Industrial valve manufacturing—Con.			
	332911B	All other miscellaneous industrial valves	X	19 213	.71
	332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	19 831	.73
	332911H	Solenoid-operated valves and parts, except nuclear and fluid power transfer	X	D	S
	332912	Fluid power valve and hose fitting manufacturing	X	D	S
	332912L	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose	X	D	S
	332919	Other metal valve and pipe fitting manufacturing	X	2 262 561	83.85
	3329191	Plumbing and heating valves and specialties, except plumbers' brass goods	X	438 321	16.24
	3329194	Metal fittings, flanges, and unions for piping systems	X	1 473 167	54.59
	332919W	Other metal valve and pipe fitting manufacturing, nsk, total	X	351 073	13.01
	332996	Fabricated pipe and pipe fitting manufacturing	X	6 358	.24
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	6 358	.24
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	3329995	Miscellaneous machinery products	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	333415D	Parts and accessories for air-conditioning and heat transfer equipment	X	D	S
	333996	Fluid power pump and motor manufacturing	X	D	S
	3339969	Parts for fluid power pumps, motors, and hydrostatic transmissions	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	335999E	All other miscellaneous electrical equipment and components (except for industrial use)	X	D	S
	336391	Motor vehicle air-conditioning manufacturing	X	D	S
	336391B	Automotive air-conditioning compressors (open-type, with or without motor)	X	D	S
	930000	Receipts for work done for others on their materials	X	9 961	.37
	9300000	Receipts for work done for others on their materials	X	9 961	.37
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 573	.39
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 573	.39
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	205 605	7.62
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	205 605	7.62
	999999	All other products made in this industry	X	25 863	.96
	9999999	All other products made in this industry	X	37 348	1.38
332991		Ball and roller bearing manufacturing	5 702 490	X	100.00
	332111	Iron and steel forging	X	D	S
	3321115	Seamless rolled ring forgings, ferrous, made from purchased iron and steel	X	D	S
	332991	Ball and roller bearing manufacturing	X	5 476 148	96.03
	3329911	Ball bearings, complete, unmounted	X	1 868 520	32.77
	3329913	Tapered roller bearings (including cups and cones), unmounted	X	D	S
	3329915	Other roller bearings, unmounted	X	1 027 093	18.01
	3329917	Mounted bearings (except plain)	X	D	S
	3329919	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones)	X	613 819	10.76
	332991W	Ball and roller bearing manufacturing, nsk, total	X	70 694	1.24
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	X	D	S
	3336127	Speed changers and industrial high-speed drives	X	D	S
	333613	Mechanical power transmission equipment manufacturing	X	108 072	1.90
	3336131	Plain bearings and bushings	X	D	S
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X	D	S
	336312	Gasoline engine and engine parts manufacturing	X	D	S
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	36 875	.65
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	36 875	.65
	999999	All other products made in this industry	X	18 246	.32
	9999999	All other products made in this industry	X	18 246	.32
332992		Small arms ammunition manufacturing	1 099 908	X	100.00
	332992	Small arms ammunition manufacturing	X	D	S
	3329920	Small arms ammunition	X	D	S
	332993	Ammunition (except small arms) manufacturing	X	D	S
	3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.)	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	19 953	1.81
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	19 953	1.81
	999999	All other products made in this industry	X	5 750	.52
	9999999	All other products made in this industry	X	5 754	.52
332993		Ammunition (except small arms) manufacturing	1 190 077	X	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	332111	Iron and steel forging	X	D	S
	3321117	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel	X	D	S
	332993	Ammunition (except small arms) manufacturing	X	623 905	52.43
	3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.)	X	359 773	30.23
	3329933	All other miscellaneous ammunition (except for small arms)	X	258 781	21.74
	332993W	Ammunition (except small arms) manufacturing, nsk, total	X	5 351	.45
	332994	Small arms manufacturing	X	D	S
	3329944	Small arms (30 mm or less, 1.18 in. or less)	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332993		Ammunition (except small arms) manufacturing—Con.			
	332995	Other ordnance and accessories manufacturing	X	111 274	9.35
	3329951	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	X	D	S
	3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	333999A	All other miscellaneous machinery products, except electrical	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	336120	Heavy duty truck manufacturing	X	D	S
	3361203	Buses, including military and firefighting vehicles (chassis of own manufacture)	X	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	D	S
	3364151	Complete missiles, space vehicle engines, and propulsion units	X	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	X	D	S
	3364191	Missile and space vehicle components, parts, and subassemblies	X	D	S
	930000	Receipts for work done for others on their materials	X	264 540	22.23
	9300000	Receipts for work done for others on their materials	X	264 540	22.23
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	9 648	.81
	9999999	All other products made in this industry	X	9 648	.81
332994		Small arms manufacturing	1 561 055	X	100.00
	325920	Explosives manufacturing	X	D	S
	3259200	Explosives	X	D	S
	332813	Electroplating, plating, polishing, anodizing, and coloring	X	D	S
	3328130	Electroplating, plating, polishing, anodizing, and coloring	X	D	S
	332992	Small arms ammunition manufacturing	X	D	S
	3329920	Small arms ammunition	X	D	S
	332994	Small arms manufacturing	X	1 423 703	91.20
	3329941	Machine guns (30 mm or less, 1.18 in. or less)	X	D	S
	3329944	Small arms (30 mm or less, 1.18 in. or less)	X	D	S
	332994W	Small arms manufacturing, nsk, total	X	66 435	4.26
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 207	.33
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 207	.33
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	61 856	3.96
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	61 856	3.96
	999999	All other products made in this industry	X	14 002	.90
	9999999	All other products made in this industry	X	14 002	.90
332995		Other ordnance and accessories manufacturing	1 214 833	X	100.00
	332993	Ammunition (except small arms) manufacturing	X	D	S
	3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.)	X	D	S
	332995	Other ordnance and accessories manufacturing	X	1 040 030	85.61
	3329951	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	X	675 380	55.59
	3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	X	343 617	28.29
	332995W	Other ordnance and accessories manufacturing, nsk, total	X	21 033	1.73
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	D	S
	3364151	Complete missiles, space vehicle engines, and propulsion units	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	9 676	.80
	9999999	All other products made in this industry	X	9 676	.80
332996		Fabricated pipe and pipe fitting manufacturing	3 814 818	X	100.00
	326220	Rubber and plastics hoses and belting manufacturing	X	D	S
	3262201	Flat rubber and plastics belts and belting	X	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	X	5 638	.15
	3313157	Aluminum welded tube	X	5 638	.15
	332114	Custom roll forming	X	27 114	.71
	3321140	Custom roll form products	X	27 114	.71
	332312	Fabricated structural metal manufacturing	X	6 778	.18
	332313	Plate work manufacturing	X	D	S
	3323130	Fabricated plate work (stacks and weldments)	X	D	S
	332322	Sheet metal work manufacturing	X	8 266	.22
	332710	Machine shops	X	8 775	.23
	3327100	Receipts for machine shop job work and job order repairs	X	8 775	.23
	332996	Fabricated pipe and pipe fitting manufacturing	X	3 452 370	90.50
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	3 452 370	90.50
	332999	All other miscellaneous fabricated metal product manufacturing	X	18 064	.47
	332999H	All other miscellaneous fabricated metal products	X	6 110	.16

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332996		Fabricated pipe and pipe fitting manufacturing—Con.			
	332999	All other miscellaneous fabricated metal product manufacturing—Con.			
	332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total	X	8 293	.22
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S
	3345141	Integrating and totalizing meters for gas and liquids	X	D	S
	930000	Receipts for work done for others on their materials	X	61 673	1.62
	9300000	Receipts for work done for others on their materials	X	61 673	1.62
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	57 488	1.51
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	57 488	1.51
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	115 769	3.03
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	115 769	3.03
	999999	All other products made in this industry	X	30 619	.80
	9999999	All other products made in this industry	X	49 324	1.29
332997		Industrial pattern manufacturing	547 132	X	100.00
	331524	Aluminum foundries (except die-casting)	X	D	S
	3315240	Aluminum foundries	X	D	S
	332710	Machine shops	X	13 962	2.55
	3327100	Receipts for machine shop job work and job order repairs	X	13 962	2.55
	332997	Industrial pattern manufacturing	X	441 381	80.67
	3329970	Industrial patterns	X	441 381	80.67
	333511	Industrial mold manufacturing	X	D	S
	3335110	Industrial molds and mold boxes	X	D	S
	333512	Machine tool (metal cutting types) manufacturing	X	D	S
	3335129	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	D	S
	3335140	Special dies, tools, jigs, and fixtures	X	D	S
	930000	Receipts for work done for others on their materials	X	31 977	5.84
	9300000	Receipts for work done for others on their materials	X	31 977	5.84
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	9 070	1.66
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	9 070	1.66
	999999	All other products made in this industry	X	9 124	1.67
	9999999	All other products made in this industry	X	9 124	1.67
332998		Enameled iron and metal sanitary ware manufacturing	1 402 041	X	100.00
	326191	Plastics plumbing fixture manufacturing	X	D	S
	3261910	Plastics plumbing fixtures	X	D	S
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	X	D	S
	3271121	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)	X	D	S
	332913	Plumbing fixture fitting and trim manufacturing	X	28 405	2.03
	3329131	Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscald bath or shower valves (brass goods)	X	D	S
	3329138	Miscellaneous plumbing fixtures, fittings, and trim (brass goods)	X	D	S
	332998	Enameled iron and metal sanitary ware manufacturing	X	1 181 895	84.30
	3329980	Enameled iron and metal sanitary ware	X	1 181 895	84.30
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	89 125	6.36
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	89 125	6.36
	999999	All other products made in this industry	X	3 707	.26
	9999999	All other products made in this industry	X	6 678	.48
332999		All other miscellaneous fabricated metal product manufacturing	12 505 655	X	100.00
	316993	Personal leather good (except women's handbag and purse) manufacturing	X	D	S
	3169930	All other personal leather goods	X	D	S
	321999	All other miscellaneous wood product manufacturing	X	D	S
	3219990	All other miscellaneous wood product manufacturing	X	D	S
	322222	Coated and laminated paper manufacturing	X	D	S
	3222228	Converted foil for nonpackaging applications	X	D	S
	326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing	X	D	S
	3261300	Thermosetting plastics laminates (excluding flexible packaging)	X	D	S
	326140	Polystyrene foam product manufacturing	X	D	S
	3261402	Packaging, polystyrene foam products	X	D	S
	326199	All other plastics product manufacturing	X	230 412	1.84
	3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	X	D	S
	326199A	All other reinforced and fiberglass plastics products	X	189 533	1.52
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	25 289	.20
	327113	Porcelain electrical supply manufacturing	X	14 118	.11
	3271130	Porcelain, steatite, and other ceramic electrical products	X	14 118	.11
	327910	Abrasive product manufacturing	X	D	S
	3279107	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	X	D	S
	331111	Iron and steel mills	X	D	S
	3311113	Steel ingots and semifinished shapes and forms, made in steel mills	X	D	S
	331210	Iron and steel pipe and tube manufacturing from purchased steel	X	D	S
	3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	D	S
	331422	Copper wire (except mechanical) drawing	X	D	S
	3314222	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire	X	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S
	331491D	All other nonferrous metal mill shapes	X	D	S
	332116	Metal stamping	X	14 229	.11
	3321161	Job stampings, except automotive	X	7 411	.06
	332311	Prefabricated metal building and component manufacturing	X	D	S

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
332999		All other miscellaneous fabricated metal product manufacturing—Con.			
	332311	Prefabricated metal building and component manufacturing—Con.			
	3323113	Other prefabricated and portable metal buildings and parts	X	D	S
	332312	Fabricated structural metal manufacturing	X	19 068	.15
	3323121	Fabricated structural metal bar joists and concrete reinforcing bars	X	17 810	.14
	332313	Plate work manufacturing	X	15 115	.12
	3323130	Fabricated plate work (stacks and weldments)	X	15 115	.12
	332322	Sheet metal work manufacturing	X	54 123	.43
	332322A	Sheet metal awnings, canopies, cornices, and soffits	X	D	S
	332322C	Sheet metal electronic enclosures	X	11 190	.09
	332322G	Other sheet metal work	X	17 509	.14
	332323	Ornamental and architectural metal work manufacturing	X	10 926	.09
	3323237	Metal scaffolding and shoring and forming for concrete work	X	D	S
	332420	Metal tank (heavy gauge) manufacturing	X	8 818	.07
	332420C	Metal tanks, complete at factory (standard line nonpressure)	X	5 823	.05
	332510	Hardware manufacturing	X	7 657	.06
	332612	Spring (light gauge) manufacturing	X	6 280	.05
	3326122	Precision mechanical wire springs	X	6 229	.05
	332618	Other fabricated wire product manufacturing	X	28 373	.23
	3326187	Steel fencing and fence gates, made from purchased wire	X	D	S
	332618B	Other ferrous wire products (excluding springs), made from purchased wire	X	13 185	.11
	332618W	Other fabricated wire product manufacturing, nsk, total	X	D	S
	332710	Machine shops	X	60 847	.49
	3327100	Receipts for machine shop job work and job order repairs	X	60 847	.49
	332721	Precision turned product manufacturing	X	11 562	.09
	332721W	Precision turned product manufacturing, nsk, total	X	8 875	.07
	332722	Bolt, nut, screw, rivet, and washer manufacturing	X	D	S
	3327227	Nonthreaded metal fasteners (except aircraft types)	X	D	S
	332811	Metal heat treating	X	D	S
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S
	3328120	Metal coating, engraving, and allied services	X	D	S
	332912	Fluid power valve and hose fitting manufacturing	X	D	S
	332996	Fabricated pipe and pipe fitting manufacturing	X	9 636	.08
	3329960	Fabricated pipe and pipe fittings made from purchased pipe	X	9 636	.08
	332999	All other miscellaneous fabricated metal product manufacturing	X	10 640 947	85.09
	3329992	Converted unmounted aluminum foil packaging products	X	644 219	5.15
	3329995	Miscellaneous machinery products	X	1 131 580	9.05
	3329997	Fabricated metal collapsible tubes	X	69 269	.55
	3329999	Flat metal strapping	X	D	S
	332999B	Metal ladders	X	D	S
	332999H	All other miscellaneous fabricated metal products	X	4 990 318	39.90
	332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total	X	3 163 510	25.30
	333319	Other commercial and service industry machinery manufacturing	X	23 767	.19
	3333191	Commercial cooking and food-warming equipment	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	8 427	.07
	3335140	Special dies, tools, jigs, and fixtures	X	8 427	.07
	333518	Other metalworking machinery manufacturing	X	D	S
	3335181	Assembly machines	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	6 394	.05
	334419	Other electronic component manufacturing	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	334419W	Other electronic component manufacturing, nsk, total	X	D	S
	336360	Motor vehicle seating and interior trim manufacturing	X	D	S
	3363602	Fabricated seat and safety belts, including shoulder harnesses (except leather)	X	D	S
	3363607	Metal motor vehicle seat frames	X	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	X	6 396	.05
	339912	Silverware and hollowware manufacturing	X	7 618	.06
	3399125	Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	X	D	S
	339994	Broom, brush, and mop manufacturing	X	D	S
	3399941	Brooms, mops, and dusters	X	D	S
	3399945	Other brushes	X	D	S
	930000	Receipts for work done for others on their materials	X	151 373	1.21
	9300000	Receipts for work done for others on their materials	X	151 373	1.21
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	111 365	.89
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	111 365	.89
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	649 443	5.19
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	649 443	5.19
	999999	All other products made in this industry	X	103 329	.83
	9999999	All other products made in this industry	X	187 837	1.50
333111		Farm machinery and equipment manufacturing	14 690 507	X	100.00
	331111	Iron and steel mills	X	D	S
	331111B	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	X	D	S
	331210	Iron and steel pipe and tube manufacturing from purchased steel	X	D	S
	3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	D	S
	332312	Fabricated structural metal manufacturing	X	9 892	.07
	3323125	Other fabricated structural metal	X	D	S
	332323	Ornamental and architectural metal work manufacturing	X	13 287	.09
	3323239	Other architectural and ornamental work	X	D	S
	332439	Other metal container manufacturing	X	D	S
	3324396	All other metal container manufacturing	X	D	S
	332710	Machine shops	X	14 009	.10
	3327100	Receipts for machine shop job work and job order repairs	X	14 009	.10
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S
	3328120	Metal coating, engraving, and allied services	X	D	S
	333111	Farm machinery and equipment manufacturing	X	12 985 011	88.39
	3331111	Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments)	X	D	S

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333111		Farm machinery and equipment manufacturing—Con.			
	333111	Farm machinery and equipment manufacturing—Con.			
	3331114	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	X	566 684	3.86
	3331117	Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery	X	789 848	5.38
	3331119	Harvesting machinery (except hay and straw) and attachments	X	D	S
	333111A	Haying machinery and attachments	X	D	S
	333111C	Parts for farm machinery, for sale separately	X	1 180 500	8.04
	333111E	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeders, and attachments	X	D	S
	333111G	All other farm machinery and equipment (excluding parts), including attachments	X	1 857 757	12.65
	333111J	Commercial turf and grounds care equipment, including parts and attachments	X	1 746 859	11.89
	333111W	Farm machinery and equipment manufacturing, nsk, total	X	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	45 212	.31
	3331121	Consumer nonriding lawn, garden, and snow equipment	X	D	S
	3331123	Consumer riding lawn, garden, and snow equipment	X	D	S
	3331127	Parts and attachments for consumer lawn, garden, and snow equipment	X	8 887	.06
	333120	Construction machinery manufacturing	X	304 704	2.07
	3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment	X	167 203	1.14
	3331208	Other construction machinery and equipment (excluding parts)	X	24 781	.17
	3331209	Parts for construction machinery and equipment, sold separately	X	112 720	.77
	333294	Food product machinery manufacturing	X	D	S
	3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	8 260	.06
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	8 260	.06
	333922	Conveyor and conveying equipment manufacturing	X	10 676	.07
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	9 871	.07
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	D	S
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351291	Outdoor lighting equipment (including parts and accessories)	X	D	S
	335211	Electric housewares and household fan manufacturing	X	D	S
	3352114	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	X	D	S
	336211	Motor vehicle body manufacturing	X	D	S
	3362112	Bus bodies and truck cabs for sale separately	X	D	S
	336212	Truck trailer manufacturing	X	D	S
	3362121	Truck trailers and chassis, with axle rating of 10,000 lb or more	X	D	S
	336214	Travel trailer and camper manufacturing	X	D	S
	3362143	Automobile and light truck trailers	X	D	S
	336999	All other transportation equipment manufacturing	X	D	S
	3369991	Self-propelled golf carts and industrial in-plant personnel carriers (including parts)	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	922 525	6.28
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	922 525	6.28
	999999	All other products made in this industry	X	35 499	.24
	9999999	All other products made in this industry	X	41 568	.28
333112		Lawn and garden tractor and home lawn and garden equipment manufacturing	6 836 982	X	100.00
	332116	Metal stamping	X	D	S
	3321161	Job stampings, except automotive	X	D	S
	332313	Plate work manufacturing	X	D	S
	3323130	Fabricated plate work (stacks and weldments)	X	D	S
	333111	Farm machinery and equipment manufacturing	X	91 096	1.33
	3331111	Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments)	X	D	S
	3331114	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	X	D	S
	333111J	Commercial turf and grounds care equipment, including parts and attachments	X	71 977	1.05
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	6 184 454	90.46
	3331121	Consumer nonriding lawn, garden, and snow equipment	X	2 648 016	38.73
	3331123	Consumer riding lawn, garden, and snow equipment	X	2 780 465	40.67
	3331127	Parts and attachments for consumer lawn, garden, and snow equipment	X	667 065	9.76
	333112W	Lawn and garden tractor and home lawn and garden equipment manufacturing, nsk, total	X	88 908	1.30
	333618	Other engine equipment manufacturing	X	D	S
	3336181	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	X	D	S
	333991	Power-driven handtool manufacturing	X	D	S
	3339913	Power-driven handtools, internal combustion engine driven (including parts)	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	336999	All other transportation equipment manufacturing	X	D	S
	3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 635	.13
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 635	.13
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	261 198	3.82

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333112		Lawn and garden tractor and home lawn and garden equipment manufacturing—Con.			
	999890	Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	261 198	3.82
	999999	All other products made in this industry	X	21 578	.32
	9999999	All other products made in this industry	X	27 941	.41
333120		Construction machinery manufacturing	19 252 984	X	100.00
	325520	Adhesive manufacturing	X	D	S
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	332710	Machine shops	X	9 372	.05
	3327100	Receipts for machine shop job work and job order repairs	X	9 372	.05
	332721	Precision turned product manufacturing	X	D	S
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	332999H	All other miscellaneous fabricated metal products	X	D	S
	333111	Farm machinery and equipment manufacturing	X	227 371	1.18
	3331114	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	X	D	S
	3331117	Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery	X	D	S
	333111A	Haying machinery and attachments	X	D	S
	333111C	Parts for farm machinery, for sale separately	X	18 617	.10
	333111G	All other farm machinery and equipment (excluding parts), including attachments	X	5 723	.03
	333111J	Commercial turf and grounds care equipment, including parts and attachments	X	D	S
	333111W	Farm machinery and equipment manufacturing, nsk, total	X	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	6 745	.04
	333120	Construction machinery manufacturing	X	16 159 460	83.93
	3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment	X	11 757 575	61.07
	3331208	Other construction machinery and equipment (excluding parts)	X	1 748 315	9.08
	3331209	Parts for construction machinery and equipment, sold separately	X	2 086 128	10.84
	333120W	Construction machinery manufacturing, nsk, total	X	567 442	2.95
	333131	Mining machinery and equipment manufacturing	X	403 774	2.10
	3331313	Mineral processing and beneficiation machinery (except parts sold separately)	X	D	S
	3331315	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants)	X	D	S
	3331317	Drills and other mining machinery (except parts sold separately)	X	D	S
	3331319	Parts and attachments for mining machinery and equipment (sold separately)	X	63 418	.33
	333132	Oil and gas field machinery and equipment manufacturing	X	D	S
	3331323	Other oil and gas field drilling machinery and equipment	X	D	S
	3331327	Portable drilling rigs and parts (above ground)	X	D	S
	333618	Other engine equipment manufacturing	X	D	S
	3336183	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank)	X	D	S
	333922	Conveyor and conveying equipment manufacturing	X	24 572	.13
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	20 629	.11
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	X	D	S
	3339237	Winches, aerial work platforms, and automotive wrecker hoists	X	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	12 271	.06
	3339243	Parts and attachments for industrial trucks and tractors (sold separately)	X	8 170	.04
	333991	Power-driven handtool manufacturing	X	D	S
	3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	335312	Motor and generator manufacturing	X	D	S
	3353127	Prime mover generator sets, except steam and hydraulic turbine	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336211	Motor vehicle body manufacturing	X	D	S
	3362112	Bus bodies and truck cabs for sale separately	X	D	S
	336360	Motor vehicle seating and interior trim manufacturing	X	D	S
	3363603	Seats for public conveyance and aircraft	X	D	S
	339920	Sporting and athletic goods manufacturing	X	D	S
	3399201	Fishing tackle and equipment	X	D	S
	339999	All other miscellaneous manufacturing	X	D	S
	339999K	All other miscellaneous fabricated products	X	D	S
	930000	Receipts for work done for others on their materials	X	11 978	.06
	9300000	Receipts for work done for others on their materials	X	11 978	.06
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	167 926	.87
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	167 926	.87
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 765 861	9.17
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 765 861	9.17
	999999	All other products made in this industry	X	27 168	.14
	9999999	All other products made in this industry	X	55 645	.29
333131		Mining machinery and equipment manufacturing	1 907 219	X	100.00
	332710	Machine shops	X	D	S
	3327100	Receipts for machine shop job work and job order repairs	X	D	S
	333120	Construction machinery manufacturing	X	44 655	2.34
	3331208	Other construction machinery and equipment (excluding parts)	X	21 766	1.14
	3331209	Parts for construction machinery and equipment, sold separately	X	18 421	.97

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333131		Mining machinery and equipment manufacturing—Con.				
	333131	Mining machinery and equipment manufacturing	X	1 472 052	77.18	
	3331311	Underground mining machinery (except parts sold separately)	X	475 120	24.91	
	3331313	Mineral processing and beneficiation machinery (except parts sold separately)	X	D	S	
	3331315	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants)	X	D	S	
	3331317	Drills and other mining machinery (except parts sold separately)	X	D	S	
	3331319	Parts and attachments for mining machinery and equipment (sold separately)	X	529 239	27.75	
	333131W	Mining machinery and equipment manufacturing, nsk, total	X	D	S	
	333515	Cutting tool and machine tool accessory manufacturing	X	D	S	
	3335151	Small cutting tools for machine tools and metalworking machinery	X	D	S	
	930000	Receipts for work done for others on their materials	X	5 338	.28	
	9300000	Receipts for work done for others on their materials	X	5 338	.28	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	38 919	2.04	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	38 919	2.04	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	305 944	16.04	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	305 944	16.04	
	999999	All other products made in this industry	X	23 289	1.22	
	9999999	All other products made in this industry	X	27 757	1.46	
	333132		Oil and gas field machinery and equipment manufacturing	5 493 449	X	100.00
		326299	All other rubber product manufacturing	X	D	S
3262997		All other industrial rubber products	X	D	S	
332710		Machine shops	X	D	S	
3327100		Receipts for machine shop job work and job order repairs	X	D	S	
332911		Industrial valve manufacturing	X	24 464	.45	
3329111		Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	X	D	S	
3329117		Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves	X	D	S	
333131		Mining machinery and equipment manufacturing	X	36 877	.67	
3331317		Drills and other mining machinery (except parts sold separately)	X	D	S	
3331319		Parts and attachments for mining machinery and equipment (sold separately)	X	9 190	.17	
333132		Oil and gas field machinery and equipment manufacturing	X	4 794 843	87.28	
3331321		Rotary oil and gas field drilling machinery and equipment	X	1 368 686	24.91	
3331323		Other oil and gas field drilling machinery and equipment	X	732 771	13.34	
3331325		Oil and gas field production machinery and equipment (except pumps)	X	D	S	
3331327		Portable drilling rigs and parts (above ground)	X	D	S	
3331329		Oil and gas field derricks and well surveying machinery	X	D	S	
333132W		Oil and gas field machinery and equipment manufacturing, nsk, total	X	381 260	6.94	
333911		Pump and pumping equipment manufacturing	X	51 613	.94	
3339111		Pump and pumping equipment	X	50 818	.93	
930000		Receipts for work done for others on their materials	X	8 786	.16	
9300000		Receipts for work done for others on their materials	X	8 786	.16	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	204 179	3.72	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	204 179	3.72	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	314 527	5.73	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	314 527	5.73	
999999		All other products made in this industry	X	36 944	.67	
9999999		All other products made in this industry	X	45 709	.83	
333210			Sawmill and woodworking machinery manufacturing	1 074 527	X	100.00
		332212	Hand and edge tool manufacturing	X	D	S
		3322122	Mechanics' hand service tools	X	D	S
		333120	Construction machinery manufacturing	X	D	S
		3331208	Other construction machinery and equipment (excluding parts)	X	D	S
		333210	Sawmill and woodworking machinery manufacturing	X	857 981	79.85
		3332103	Woodworking machinery, including parts, attachments, and accessories	X	706 739	65.77
		3332105	Woodworking machinery for home workshops, garages, and service shops (excluding chainsaws and other power-driven handtools)	X	84 563	7.87
		333210W	Sawmill and woodworking machinery manufacturing, nsk, total	X	66 679	6.21
		333512	Machine tool (metal cutting types) manufacturing	X	D	S
		333514	Special die and tool, die set, jig, and fixture manufacturing	X	D	S
		3335140	Special dies, tools, jigs, and fixtures	X	D	S
	930000	Receipts for work done for others on their materials	X	13 521	1.26	
	9300000	Receipts for work done for others on their materials	X	13 521	1.26	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 140	1.04	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 140	1.04	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	88 914	8.27	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	88 914	8.27	
	999999	All other products made in this industry	X	28 254	2.63	
	9999999	All other products made in this industry	X	39 291	3.66	
	333220		Plastics and rubber industry machinery manufacturing	3 061 114	X	100.00
		332710	Machine shops	X	5 141	.17
		3327100	Receipts for machine shop job work and job order repairs	X	5 141	.17
		333220	Plastics and rubber industry machinery manufacturing	X	2 573 530	84.07
		3332201	Plastics-working machinery and equipment, excluding patterns and molds	X	2 269 205	74.13
3332203		Rubber-working machinery and equipment, excluding tire molds	X	215 643	7.04	
333220W		Plastics and rubber industry machinery manufacturing, nsk, total	X	88 682	2.90	
333291		Paper industry machinery manufacturing	X	25 195	.82	
3332911		Paper industry machinery	X	D	S	
3332913		Parts and attachments for paper industry machinery (sold separately)	X	D	S	
333298		All other industrial machinery manufacturing	X	38 592	1.26	
3332981		Chemical manufacturing machinery, equipment, and parts	X	19 944	.65	
3332987		All other miscellaneous special industry machinery and equipment	X	18 334	.60	
333511		Industrial mold manufacturing	X	20 810	.68	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333220		Plastics and rubber industry machinery manufacturing—Con.			
	333511	Industrial mold manufacturing—Con.			
	3335110	Industrial molds and mold boxes	X	20 810	.68
	333993	Packaging machinery manufacturing	X	D	S
	3339931	Packing, packaging, and bottling machinery (except parts)	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	14 648	.48
	3339997	All other miscellaneous general industrial machinery	X	D	S
	339991	Gasket, packing, and sealing device manufacturing	X	D	S
	3399913	Nonmetallic gaskets and gasketing	X	D	S
	930000	Receipts for work done for others on their materials	X	11 392	.37
	9300000	Receipts for work done for others on their materials	X	11 392	.37
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 790	.74
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 790	.74
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	318 372	10.40
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	318 372	10.40
	999999	All other products made in this industry	X	10 583	.35
	9999999	All other products made in this industry	X	12 408	.41
333291		Paper industry machinery manufacturing	1 830 318	X	100.00
	332710	Machine shops	X	5 592	.31
	3327100	Receipts for machine shop job work and job order repairs	X	5 592	.31
	333111	Farm machinery and equipment manufacturing	X	D	S
	333111G	All other farm machinery and equipment (excluding parts), including attachments	X	D	S
	333120	Construction machinery manufacturing	X	D	S
	3331208	Other construction machinery and equipment (excluding parts)	X	D	S
	333291	Paper industry machinery manufacturing	X	1 481 782	80.96
	3332911	Paper industry machinery	X	768 945	42.01
	3332913	Parts and attachments for paper industry machinery (sold separately)	X	D	S
	333291W	Paper industry machinery manufacturing, nsk, total	X	D	S
	333293	Printing machinery and equipment manufacturing	X	D	S
	3332933	Printing presses, other than lithographic	X	D	S
	3332939	All other miscellaneous printing trades machinery	X	D	S
	930000	Receipts for work done for others on their materials	X	20 443	1.12
	9300000	Receipts for work done for others on their materials	X	20 443	1.12
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	87 396	4.77
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	87 396	4.77
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	145 052	7.92
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	145 052	7.92
	999999	All other products made in this industry	X	17 400	.95
	9999999	All other products made in this industry	X	18 095	.99
333292		Textile machinery manufacturing	985 837	X	100.00
	333292	Textile machinery manufacturing	X	D	S
	3332921	Textile machinery (except parts, attachments, and accessories)	X	D	S
	3332923	Parts and attachments for textile machinery	X	D	S
	333292W	Textile machinery manufacturing, nsk, total	X	36 132	3.67
	333293	Printing machinery and equipment manufacturing	X	D	S
	930000	Receipts for work done for others on their materials	X	20 359	2.07
	9300000	Receipts for work done for others on their materials	X	20 359	2.07
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	60 051	6.09
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	60 051	6.09
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	96 270	9.77
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	96 270	9.77
	999999	All other products made in this industry	X	7 360	.75
	9999999	All other products made in this industry	X	12 900	1.31
333293		Printing machinery and equipment manufacturing	3 069 165	X	100.00
	333291	Paper industry machinery manufacturing	X	D	S
	3332913	Parts and attachments for paper industry machinery (sold separately)	X	D	S
	333293	Printing machinery and equipment manufacturing	X	2 613 771	85.16
	3332931	Printing presses, offset lithographic	X	372 574	12.14
	3332933	Printing presses, other than lithographic	X	D	S
	3332937	Binding machinery and equipment (including paper cutting, collating, and gathering machines)	X	D	S
	3332939	All other miscellaneous printing trades machinery	X	1 377 113	44.87
	333293W	Printing machinery and equipment manufacturing, nsk, total	X	D	S
	333298	All other industrial machinery manufacturing	X	D	S
	3332987	All other miscellaneous special industry machinery and equipment	X	D	S
	333513	Machine tool (metal forming types) manufacturing	X	D	S
	3335135	Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses)	X	D	S
	3335137	Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools	X	D	S
	333993	Packaging machinery manufacturing	X	19 359	.63
	3339931	Packing, packaging, and bottling machinery (except parts)	X	D	S
	3339935	Parts for packing, packaging, and bottling machinery	X	D	S
	335312	Motor and generator manufacturing	X	D	S
	3353129	Fractional motor generator sets and other rotating equipment (including hermetics)	X	D	S
	930000	Receipts for work done for others on their materials	X	9 010	.29
	9300000	Receipts for work done for others on their materials	X	9 010	.29
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	67 749	2.21
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	67 749	2.21
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	263 016	8.57

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333293	999890	Printing machinery and equipment manufacturing—Con. Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	263 016	8.57
	999999	All other products made in this industry	X	34 038	1.11
	9999999	All other products made in this industry	X	35 433	1.15
333294		Food product machinery manufacturing	2 966 375	X	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	333294	Food product machinery manufacturing	X	2 434 427	82.07
	3332941	Dairy and milk products plant machinery and equipment (except bottling and packaging)	X	289 195	9.75
	3332943	Commercial food products machinery (except packaging machinery and food cooking and warming equipment)	X	921 454	31.06
	3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed	X	958 911	32.33
	333294W	Food product machinery manufacturing, nsk, total	X	264 867	8.93
	333298	All other industrial machinery manufacturing	X	42 080	1.42
	3332981	Chemical manufacturing machinery, equipment, and parts	X	32 858	1.11
	3332987	All other miscellaneous special industry machinery and equipment	X	9 222	.31
	333319	Other commercial and service industry machinery manufacturing	X	55 832	1.88
	3333191	Commercial cooking and food-warming equipment	X	55 062	1.86
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	3334153	Commercial refrigerators and related equipment	X	D	S
	333511	Industrial mold manufacturing	X	D	S
	3335110	Industrial molds and mold boxes	X	D	S
	333922	Conveyor and conveying equipment manufacturing	X	29 267	.99
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	24 952	.84
	333993	Packaging machinery manufacturing	X	D	S
	3339931	Packing, packaging, and bottling machinery (except parts)	X	14 076	.47
	3339935	Parts for packing, packaging, and bottling machinery	X	D	S
	930000	Receipts for work done for others on their materials	X	14 868	.50
	9300000	Receipts for work done for others on their materials	X	14 868	.50
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	86 995	2.93
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	86 995	2.93
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	184 854	6.23
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	184 854	6.23
	999999	All other products made in this industry	X	32 101	1.08
	9999999	All other products made in this industry	X	37 186	1.25
333295		Semiconductor machinery manufacturing	9 332 710	X	100.00
	332313	Plate work manufacturing	X	D	S
	3323130	Fabricated plate work (stacks and weldments)	X	D	S
	333291	Paper industry machinery manufacturing	X	D	S
	3332911	Paper industry machinery	X	D	S
	333295	Semiconductor machinery manufacturing	X	8 618 380	92.35
	3332950	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic)	X	8 618 380	92.35
	333298	All other industrial machinery manufacturing	X	D	S
	3332985	Printed circuit board manufacturing machinery, except testing	X	D	S
	333994	Industrial process furnace and oven manufacturing	X	D	S
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	D	S
	334413	Semiconductor and related device manufacturing	X	D	S
	334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	X	D	S
	334419	Other electronic component manufacturing	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	99 253	1.06
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	99 253	1.06
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	494 311	5.30
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	494 311	5.30
	999999	All other products made in this industry	X	23 237	.25
	9999999	All other products made in this industry	X	24 589	.26
333298		All other industrial machinery manufacturing	7 896 198	X	100.00
	325181	Alkalies and chlorine manufacturing	X	D	S
	3251814	Sodium hydroxide (caustic soda)	X	D	S
	325192	Cyclic crude and intermediate manufacturing	X	D	S
	3251924	Tar, tar crudes, and tar pitches	X	D	S
	331511	Iron foundries	X	D	S
	332116	Metal stamping	X	D	S
	3321161	Job stampings, except automotive	X	D	S
	332212	Hand and edge tool manufacturing	X	D	S
	3322122	Mechanics' hand service tools	X	D	S
	332212W	Hand and edge tool manufacturing, nsk, total	X	D	S
	332322	Sheet metal work manufacturing	X	D	S
	332710	Machine shops	X	20 888	.26
	3327100	Receipts for machine shop job work and job order repairs	X	20 888	.26
	333220	Plastics and rubber industry machinery manufacturing	X	8 191	.10
	3332201	Plastics-working machinery and equipment, excluding patterns and molds	X	8 173	.10
	333298	All other industrial machinery manufacturing	X	6 692 303	84.75
	3332981	Chemical manufacturing machinery, equipment, and parts	X	1 237 302	15.67
	3332983	Foundry machinery and equipment, excluding patterns and molds	X	394 076	4.99
	3332985	Printed circuit board manufacturing machinery, except testing	X	932 573	11.81
	3332987	All other miscellaneous special industry machinery and equipment	X	3 511 365	44.47

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333298		All other industrial machinery manufacturing—Con.				
	333298	All other industrial machinery manufacturing—Con.				
	333298W	All other industrial machinery manufacturing, nsk, total	X	616 987	7.81	
	333411	Air purification equipment manufacturing	X	D	S	
	3334111	Dust collection and other air purification equipment for industrial gas cleaning systems	X	D	S	
	333511	Industrial mold manufacturing	X	D	S	
	3335110	Industrial molds and mold boxes	X	D	S	
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	6 745	.09	
	3335140	Special dies, tools, jigs, and fixtures	X	6 745	.09	
	333518	Other metalworking machinery manufacturing	X	37 482	.47	
	3335181	Assembly machines	X	D	S	
	3335183	Other metalworking machinery (except handheld and ultrasonic)	X	D	S	
	333911	Pump and pumping equipment manufacturing	X	10 628	.13	
	3339111	Pump and pumping equipment	X	10 291	.13	
	333922	Conveyor and conveying equipment manufacturing	X	7 128	.09	
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	6 433	.08	
	333993	Packaging machinery manufacturing	X	D	S	
	3339931	Packing, packaging, and bottling machinery (except parts)	X	D	S	
	333994	Industrial process furnace and oven manufacturing	X	10 048	.13	
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	X	10 048	.13	
	333999	All other miscellaneous general purpose machinery manufacturing	X	33 678	.43	
	3339991	Filters and strainers, except fluid power	X	9 942	.13	
	3339997	All other miscellaneous general industrial machinery	X	20 323	.26	
	334290	Other communications equipment manufacturing	X	D	S	
	3342902	Vehicle and pedestrian traffic control equipment, including electric railway signals and attachments	X	D	S	
	334417	Electronic connector manufacturing	X	D	S	
	334417D	Other connectors for electronic circuitry, including parts	X	D	S	
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	D	S	
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	D	S	
	336370	Motor vehicle metal stamping	X	D	S	
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S	
	930000	Receipts for work done for others on their materials	X	28 668	.36	
	9300000	Receipts for work done for others on their materials	X	28 668	.36	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	217 704	2.76	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	217 704	2.76	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	586 222	7.42	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	586 222	7.42	
	999999	All other products made in this industry	X	78 973	1.00	
	9999999	All other products made in this industry	X	95 870	1.21	
	333311		Automatic vending machine manufacturing	1 608 894	X	100.00
		332618	Other fabricated wire product manufacturing	X	D	S
		332618B	Other ferrous wire products (excluding springs), made from purchased wire	X	D	S
		332999	All other miscellaneous fabricated metal product manufacturing	X	12 674	.79
		332999H	All other miscellaneous fabricated metal products	X	12 674	.79
		333311	Automatic vending machine manufacturing	X	D	S
		3333111	Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms)	X	D	S
		3333113	Automatic merchandising machines, coin-operated mechanisms, including time switches	X	120 846	7.51
		3333114	Currency handling machines, including money changing and dispensing machines	X	312 955	19.45
		333311W	Automatic vending machine manufacturing, nsk, total	X	43 357	2.69
		333313	Office machinery manufacturing	X	D	S
333313H		Other office machinery manufacturing	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	151 728	9.43	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	151 728	9.43	
999999		All other products made in this industry	X	7 844	.49	
9999999		All other products made in this industry	X	7 946	.49	
333312			Commercial laundry, drycleaning, and pressing machine manufacturing	484 138	X	100.00
		333312	Commercial laundry, drycleaning, and pressing machine manufacturing	X	455 835	94.15
		3333120	Commercial laundry, drycleaning, and pressing machines	X	455 835	94.15
		999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 067	1.05
		9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 067	1.05
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	20 656	4.27	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	20 656	4.27	
	999999	All other products made in this industry	X	2 580	.53	
	9999999	All other products made in this industry	X	2 580	.53	
	333313		Office machinery manufacturing	2 567 597	X	100.00
332212		Hand and edge tool manufacturing	X	D	S	
3322123		Edge tools, hand-operated	X	D	S	
333313		Office machinery manufacturing	X	D	S	
3333131		Automatic typing and word processing machines, including parts and attachments	X	D	S	
3333137		Duplicating machines, except parts and attachments	X	D	S	
333313A		Mailing, letter handling, and addressing machines, except parts and attachments	X	D	S	
			X	D	S	
			X	D	S	
			X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333313	333313	Office machinery manufacturing—Con.				
	333313E	Office machinery manufacturing—Con. Other electric office machines, including electric pencil sharpeners and electric staplers	X	D	S	
	333313H	Other office machinery manufacturing	X	D	S	
	333313J	All other miscellaneous parts and attachments for office machines	X	82 993	3.23	
	333313W	Office machinery manufacturing, nsk, total	X	63 595	2.48	
	339942	Lead pencil and art good manufacturing	X	D	S	
	3399423	Artists' equipment and materials	X	D	S	
	3399427	Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	151 636	5.91	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	151 636	5.91	
	999999	All other products made in this industry	X	24 673	.96	
	9999999	All other products made in this industry	X	24 673	.96	
	333314	333314	Optical instrument and lens manufacturing	3 102 159	X	100.00
		3333141	Optical instrument and lens manufacturing	X	2 835 675	91.41
		3333143	Sighting, tracking, and fire-control equipment, optical-type	X	579 171	18.67
3333143		All other miscellaneous optical instruments and lenses	X	2 036 455	65.65	
333314W		Optical instrument and lens manufacturing, nsk, total	X	220 049	7.09	
334417		Electronic connector manufacturing	X	D	S	
334417D		Other connectors for electronic circuitry, including parts	X	D	S	
334511		Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	45 548	1.47	
3345111		Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	D	S	
3345113		Search, detection, navigation, and guidance systems and equipment	X	D	S	
334516		Analytical laboratory instrument manufacturing	X	D	S	
3345160		Analytical and scientific instruments, except optical	X	D	S	
334519		Other measuring and controlling device manufacturing	X	48 204	1.55	
3345194		Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	D	S	
3345195		Nuclear radiation detection and monitoring instruments	X	D	S	
335999		All other miscellaneous electrical equipment and component manufacturing	X	D	S	
3359997		Laser generator power supplies and components	X	D	S	
930000		Receipts for work done for others on their materials	X	7 895	.25	
9300000		Receipts for work done for others on their materials	X	7 895	.25	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 040	.74	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 040	.74	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	71 961	2.32	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	71 961	2.32	
999999		All other products made in this industry	X	10 161	.33	
9999999		All other products made in this industry	X	15 237	.49	
333315		333315	Photographic and photocopying equipment manufacturing	2 193 037	X	100.00
		325992	Photographic film, paper, plate, and chemical manufacturing	X	D	S
		3259925	Prepared photographic chemicals	X	D	S
		333311	Automatic vending machine manufacturing	X	D	S
		3333111	Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms)	X	D	S
		333315	Photographic and photocopying equipment manufacturing	X	1 725 183	78.67
		3333151	Still picture photographic equipment	X	D	S
		3333153	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc.	X	D	S
	3333155	Microfilming, blueprinting, and whiteprinting equipment	X	13 666	.62	
	3333157	Motion picture equipment	X	382 300	17.43	
	333315W	Photographic and photocopying equipment manufacturing, nsk, total	X	D	S	
	333912	Air and gas compressor manufacturing	X	D	S	
	3339121	Air and gas compressors and vacuum pumps	X	D	S	
	334119	Other computer peripheral equipment manufacturing	X	D	S	
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S	
	337920	Blind and shade manufacturing	X	D	S	
	3379202	Window shades and window shade accessories and rollers	X	D	S	
	339114	Dental equipment and supplies manufacturing	X	D	S	
	3391141	Dental professional equipment and supplies	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	26 342	1.20	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	26 342	1.20	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	348 076	15.87	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	348 076	15.87	
	999999	All other products made in this industry	X	24 118	1.10	
	9999999	All other products made in this industry	X	25 728	1.17	
	333319	31 1942	Other commercial and service industry machinery manufacturing	11 475 384	X	100.00
		31 19427	Spice and extract manufacturing	X	D	S
325520		Dry mix food preparations	X	D	S	
325520A		Adhesive manufacturing	X	D	S	
325612		Nonstructural caulking compounds and sealants	X	D	S	
3256125		Polish and other sanitation good manufacturing	X	7 198	.06	
325620		Specialty cleaning and sanitation products	X	D	S	
325620D		Toilet preparation manufacturing	X	D	S	
325998		Creams, lotions and oils, excluding shaving, hair, and deodorant	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	D	S	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333319		Other commercial and service industry machinery manufacturing—Con.			
	332212	Hand and edge tool manufacturing—Con.			
	3322123	Edge tools, hand-operated	X	D	S
	332214	Kitchen utensil, pot, and pan manufacturing	X	D	S
	3322141	Stamped and spun utensils, cooking and kitchen, aluminum	X	D	S
	332710	Machine shops	X	7 668	.07
	3327100	Receipts for machine shop job work and job order repairs	X	7 668	.07
	333120	Construction machinery manufacturing	X	D	S
	3331209	Parts for construction machinery and equipment, sold separately	X	D	S
	333131	Mining machinery and equipment manufacturing	X	D	S
	333131W	Mining machinery and equipment manufacturing, nsk, total	X	D	S
	333312	Commercial laundry, drycleaning, and pressing machine manufacturing	X	D	S
	3333120	Commercial laundry, drycleaning, and pressing machines	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	9 370 504	81.66
	3333191	Commercial cooking and food-warming equipment	X	1 965 974	17.13
	3333193	Commercial and industrial vacuum cleaners, including parts and attachments	X	D	S
	3333195	Automotive maintenance equipment, except handtools	X	D	S
	3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits	X	858 836	7.48
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	5 018 022	43.73
	333319W	Other commercial and service industry machinery manufacturing, nsk, total	X	521 710	4.55
	333414	Heating equipment (except warm air furnaces) manufacturing	X	D	S
	333414A	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	D	S
	333911	Pump and pumping equipment manufacturing	X	D	S
	3339111	Pump and pumping equipment	X	D	S
	333997	Scale and balance (except laboratory) manufacturing	X	D	S
	3339973	Retail, commercial, household, and mailing scales	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	42 445	.37
	3339991	Filters and strainers, except fluid power	X	D	S
	333999A	All other miscellaneous machinery products, except electrical	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S
	334290	Other communications equipment manufacturing	X	D	S
	3342903	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	X	D	S
	334310	Audio and video equipment manufacturing	X	D	S
	3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	D	S
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351291	Outdoor lighting equipment (including parts and accessories)	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336112	Light truck and utility vehicle manufacturing	X	D	S
	3361120	Light truck and utility vehicle manufacturing	X	D	S
	337127	Institutional furniture manufacturing	X	13 232	.12
	3371278	Bar, bowling center, cafeteria, and restaurant furniture	X	12 669	.11
	339999	All other miscellaneous manufacturing	X	6 887	.06
	339999K	All other miscellaneous fabricated products	X	6 671	.06
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	899 414	7.84
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	899 414	7.84
	999999	All other products made in this industry	X	102 115	.89
	9999999	All other products made in this industry	X	121 238	1.06
333411		Air purification equipment manufacturing	2 237 198	X	100.00
	332439	Other metal container manufacturing	X	D	S
	3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	X	D	S
	333293	Printing machinery and equipment manufacturing	X	D	S
	3332939	All other miscellaneous printing trades machinery	X	D	S
	333411	Air purification equipment manufacturing	X	1 966 301	87.89
	3334111	Dust collection and other air purification equipment for industrial gas cleaning systems	X	604 469	27.02
	3334113	Dust collection and other air purification equipment for cleaning incoming air	X	1 301 821	58.19
	333411W	Air purification equipment manufacturing, nsk, total	X	60 011	2.68
	333412	Industrial and commercial fan and blower manufacturing	X	15 736	.70
	3334120	Industrial and commercial fans and blowers	X	15 736	.70
	333922	Conveyor and conveying equipment manufacturing	X	D	S
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	D	S
	333994	Industrial process furnace and oven manufacturing	X	D	S
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	18 190	.81
	3339991	Filters and strainers, except fluid power	X	17 464	.78
	930000	Receipts for work done for others on their materials	X	8 016	.36
	9300000	Receipts for work done for others on their materials	X	8 016	.36

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333411	999800	Air purification equipment manufacturing—Con. Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	28 865	1.29
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	28 865	1.29
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	114 037	5.10
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	114 037	5.10
	999999	All other products made in this industry	X	28 773	1.29
	9999999	All other products made in this industry	X	37 314	1.67
333412		Industrial and commercial fan and blower manufacturing	1 848 864	X	100.00
	332322	Sheet metal work manufacturing	X	D	S
	332322G	Other sheet metal work	X	D	S
	333411	Air purification equipment manufacturing	X	27 274	1.48
	3334113	Dust collection and other air purification equipment for cleaning incoming air ..	X	22 962	1.24
	333412	Industrial and commercial fan and blower manufacturing	X	1 623 147	87.79
	3334120	Industrial and commercial fans and blowers	X	1 623 147	87.79
	333912	Air and gas compressor manufacturing	X	5 360	.29
	3339121	Air and gas compressors and vacuum pumps	X	5 360	.29
	333922	Conveyor and conveying equipment manufacturing	X	D	S
	3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators	X	D	S
	335312	Motor and generator manufacturing	X	72 882	3.94
	3353121	Fractional horsepower motors (rated at less than 746 watts) (except hermetics)	X	D	S
	3353123	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hermetics)	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 393	2.94
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	54 393	2.94
	999999	All other products made in this industry	X	15 646	.85
	9999999	All other products made in this industry	X	26 071	1.41
333414		Heating equipment (except warm air furnaces) manufacturing	3 982 484	X	100.00
	327215	Glass product manufacturing made of purchased glass	X	D	S
	327215B	Other glass products, made from purchased glass	X	D	S
	332322	Sheet metal work manufacturing	X	D	S
	3323221	Sheet metal air-conditioning ducts and stove pipe	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	332999H	All other miscellaneous fabricated metal products	X	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	X	3 456 608	86.80
	3334141	Cast iron heating boilers, radiators, and convectors (except parts)	X	D	S
	3334143	Domestic heating stoves (except electric and parts)	X	D	S
	3334145	Steel heating boilers (15 p.s.i. or less), and all other hot water heating boilers (except parts)	X	231 643	5.82
	3334147	Floor and wall furnaces, unit heaters, gas-fired infrared heaters, and mechanical stokers	X	418 730	10.51
	333414A	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	1 052 219	26.42
	333414W	Heating equipment (except warm air furnaces) manufacturing, nsk, total	X	247 249	6.21
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	93 427	2.35
	3334159	All other miscellaneous refrigeration and air-conditioning equipment	X	D	S
	333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating	X	81 740	2.05
	335211	Electric housewares and household fan manufacturing	X	D	S
	3352111	Electric fans, except industrial type	X	D	S
	335221	Household cooking appliance manufacturing	X	D	S
	3352215	Other household ranges and cooking equipment	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 004	.58
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 004	.58
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	267 720	6.72
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	267 720	6.72
	999999	All other products made in this industry	X	51 671	1.30
	9999999	All other products made in this industry	X	63 628	1.60
333415		Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	23 943 281	X	100.00
	322299	All other converted paper product manufacturing	X	D	S
	3222993	Miscellaneous converted paper and paperboard products	X	D	S
	326199	All other plastics product manufacturing	X	6 269	.03
	332322	Sheet metal work manufacturing	X	10 027	.04
	332322G	Other sheet metal work	X	D	S
	332410	Power boiler and heat exchanger manufacturing	X	D	S
	3324101	Fabricated heat exchangers and steam condensers (except nuclear applications)	X	D	S
	332995	Other ordnance and accessories manufacturing	X	D	S
	3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	X	D	S
	333412	Industrial and commercial fan and blower manufacturing	X	D	S
	3334120	Industrial and commercial fans and blowers	X	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	X	69 119	.29
	3334147	Floor and wall furnaces, unit heaters, gas-fired infrared heaters, and mechanical stokers	X	17 290	.07
	333414A	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	47 216	.20

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333415		Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing—Con.			
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	22 586 429	94.33
	3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	4 693 507	19.60
	3334153	Commercial refrigerators and related equipment	X	2 728 300	11.39
	3334155	Refrigeration condensing units, all refrigerants, except ammonia (complete) . .	X	348 518	1.46
	3334156	Room air-conditioners and dehumidifiers, except portable dehumidifiers	X	871 710	3.64
	3334159	All other miscellaneous refrigeration and air-conditioning equipment	X	D	S
	333415A	Compressors and compressor units, all refrigerants, except automobiles	X	2 304 460	9.62
	333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating	X	1 850 829	7.73
	333415D	Parts and accessories for air-conditioning and heat transfer equipment	X	1 523 399	6.36
	333415E	Unitary air-conditioners, except air source heat pumps	X	D	S
	333415F	Air source heat pumps, except room air-conditioners	X	979 038	4.09
	333415G	Ground and ground water source heat pumps	X	130 040	.54
	333415W	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing, nsk, total	X	851 649	3.56
	333911	Pump and pumping equipment manufacturing	X	D	S
	3339111	Pump and pumping equipment	X	D	S
	333994	Industrial process furnace and oven manufacturing	X	D	S
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	13 148	.05
	3339991	Filters and strainers, except fluid power	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	D	S
	334210	Telephone apparatus manufacturing	X	D	S
	3342107	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
	335222	Household refrigerator and home freezer manufacturing	X	D	S
	3352221	Household refrigerators, including combination refrigerator-freezers	X	D	S
	3352223	Parts and attachments for household refrigerators and freezers	X	D	S
	335313	Switchgear and switchboard apparatus manufacturing	X	D	S
	3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	X	D	S
	336212	Truck trailer manufacturing	X	D	S
	3362121	Truck trailers and chassis, with axle rating of 10,000 lb or more	X	D	S
	336214	Travel trailer and camper manufacturing	X	D	S
	3362145	Camping trailers, campers, pickup covers, and parts	X	D	S
	336391	Motor vehicle air-conditioning manufacturing	X	D	S
	3363917	Motor vehicle mechanical air-conditioning systems	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	164 281	.69
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	164 281	.69
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	761 550	3.18
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	761 550	3.18
	999999	All other products made in this industry	X	55 267	.23
	9999999	All other products made in this industry	X	71 559	.30
333511		Industrial mold manufacturing	5 501 786	X	100.00
	326122	Plastics pipe and pipe fitting manufacturing	X	D	S
	3261223	Plastics pipe fittings and unions	X	D	S
	326199	All other plastics product manufacturing	X	54 643	.99
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	D	S
	3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	X	5 386	.10
	3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	X	8 737	.16
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	24 772	.45
	332710	Machine shops	X	44 414	.81
	3327100	Receipts for machine shop job work and job order repairs	X	44 414	.81
	332997	Industrial pattern manufacturing	X	23 914	.43
	3329970	Industrial patterns	X	23 914	.43
	333511	Industrial mold manufacturing	X	4 914 166	89.32
	3335110	Industrial molds and mold boxes	X	4 914 166	89.32
	333513	Machine tool (metal forming types) manufacturing	X	6 883	.13
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	64 381	1.17
	3335140	Special dies, tools, jigs, and fixtures	X	64 381	1.17
	336370	Motor vehicle metal stamping	X	D	S
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S
	336412	Aircraft engine and engine parts manufacturing	X	D	S
	3364123	Civilian aircraft engines	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	11 465	.21
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	11 465	.21
	930000	Receipts for work done for others on their materials	X	56 189	1.02
	9300000	Receipts for work done for others on their materials	X	56 189	1.02
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	107 013	1.95
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	107 013	1.95
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	149 896	2.72
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	149 896	2.72

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333511		Industrial mold manufacturing—Con.				
	999999	All other products made in this industry	X	50 019	.91	
	9999999	All other products made in this industry	X	59 107	1.07	
333512		Machine tool (metal cutting types) manufacturing	3 406 518	X	100.00	
	327910	Abrasive product manufacturing	X	D	S	
	3279104	Nonmetallic abrasive products (including diamond abrasives)	X	D	S	
	332212	Hand and edge tool manufacturing	X	D	S	
	3322122	Mechanics' hand service tools	X	D	S	
	3322123	Edge tools, hand-operated	X	D	S	
	332710	Machine shops	X	11 440	.34	
	3327100	Receipts for machine shop job work and job order repairs	X	11 440	.34	
	333512	Machine tool (metal cutting types) manufacturing	X	2 465 916	72.39	
	3335121	Metal gear cutting machines	X	80 393	2.36	
	3335122	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines	X	D	S	
	3335123	Metal lathes (turning machines) numerically and nonnumerically controlled	X	179 209	5.26	
	3335124	Metal milling machines (excluding machining centers)	X	48 420	1.42	
	3335125	Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only)	X	69 038	2.03	
	3335126	Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools	X	570 500	16.75	
	3335127	Metal machining centers (multifunction numerically controlled machines)	X	381 485	11.20	
	3335128	Metal station type machines	X	137 261	4.03	
	3335129	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	X	442 870	13.00	
	333512A	Metal boring machines and drilling machines (excluding machining centers)	X	D	S	
	333512W	Machine tool (metal cutting types) manufacturing, nsk, total	X	182 280	5.35	
	333513	Machine tool (metal forming types) manufacturing	X	54 767	1.61	
	3335131	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)	X	D	S	
	3335137	Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools	X	D	S	
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	10 556	.31	
	3335140	Special dies, tools, jigs, and fixtures	X	10 556	.31	
	333515	Cutting tool and machine tool accessory manufacturing	X	76 298	2.24	
	3335151	Small cutting tools for machine tools and metalworking machinery	X	22 422	.66	
	3335153	Other attachments and accessories for machine tools and metalworking machinery	X	53 871	1.58	
	333518	Other metalworking machinery manufacturing	X	8 297	.24	
	3335181	Assembly machines	X	6 016	.18	
	333996	Fluid power pump and motor manufacturing	X	D	S	
	333996W	Fluid power pump and motor manufacturing, nsk, total	X	D	S	
	333999	All other miscellaneous general purpose machinery manufacturing	X	8 383	.25	
	333999W	All other miscellaneous general purpose machinery manufacturing, nsk, total	X	D	S	
	333514	Relay and industrial control manufacturing	X	D	S	
	930000	Receipts for work done for others on their materials	X	28 307	.83	
	9300000	Receipts for work done for others on their materials	X	28 307	.83	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	115 146	3.38	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	115 146	3.38	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	509 634	14.96	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	509 634	14.96	
	999999	All other products made in this industry	X	22 312	.65	
	9999999	All other products made in this industry	X	45 283	1.33	
	333513		Machine tool (metal forming types) manufacturing	1 134 831	X	100.00
		332710	Machine shops	X	6 190	.55
		3327100	Receipts for machine shop job work and job order repairs	X	6 190	.55
		333512	Machine tool (metal cutting types) manufacturing	X	23 686	2.09
		3335129	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	X	D	S
		333513	Machine tool (metal forming types) manufacturing	X	965 131	85.05
		3335131	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)	X	280 423	24.71
3335133		Metalworking presses (except forging and die-stamping presses)	X	184 820	16.29	
3335135		Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses)	X	170 682	15.04	
3335137		Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools	X	210 751	18.57	
333513W		Machine tool (metal forming types) manufacturing, nsk, total	X	118 455	10.44	
333514		Special die and tool, die set, jig, and fixture manufacturing	X	18 466	1.63	
3335140		Special dies, tools, jigs, and fixtures	X	18 466	1.63	
930000		Receipts for work done for others on their materials	X	8 372	.74	
9300000		Receipts for work done for others on their materials	X	8 372	.74	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	33 528	2.95	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	33 528	2.95	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	61 158	5.39	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	61 158	5.39	
999999		All other products made in this industry	X	18 300	1.61	
9999999		All other products made in this industry	X	27 944	2.46	
333514			Special die and tool, die set, jig, and fixture manufacturing	6 985 600	X	100.00
		332116	Metal stamping	X	21 638	.31
	3321161	Job stampings, except automotive	X	20 048	.29	
	332313	Plate work manufacturing	X	6 952	.10	
	3323130	Fabricated plate work (stacks and weldments)	X	6 952	.10	
	332612	Spring (light gauge) manufacturing	X	D	S	
	3326122	Precision mechanical wire springs	X	D	S	
	332710	Machine shops	X	54 096	.77	
	3327100	Receipts for machine shop job work and job order repairs	X	54 096	.77	
	332721	Precision turned product manufacturing	X	18 924	.27	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333514		Special die and tool, die set, jig, and fixture manufacturing—Con.				
	332721	Precision turned product manufacturing—Con.				
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	9 223	.13	
	332721W	Precision turned product manufacturing, nsk, total	X	9 482	.14	
	333511	Industrial mold manufacturing	X	47 522	.68	
	3335110	Industrial molds and mold boxes	X	47 522	.68	
	333512	Machine tool (metal cutting types) manufacturing	X	10 751	.15	
	333513	Machine tool (metal forming types) manufacturing	X	31 769	.45	
	3335133	Metalworking presses (except forging and die-stamping presses)	X	D	S	
	3335137	Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools	X	8 550	.12	
	333513W	Machine tool (metal forming types) manufacturing, nsk, total	X	D	S	
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	6 214 965	88.97	
	3335140	Special dies, tools, jigs, and fixtures	X	6 214 965	88.97	
	333515	Cutting tool and machine tool accessory manufacturing	X	42 180	.60	
	3335151	Small cutting tools for machine tools and metalworking machinery	X	27 313	.39	
	3335153	Other attachments and accessories for machine tools and metalworking machinery	X	12 076	.17	
	333518	Other metalworking machinery manufacturing	X	14 069	.20	
	3335181	Assembly machines	X	12 943	.19	
	333999	All other miscellaneous general purpose machinery manufacturing	X	11 377	.16	
	3339997	All other miscellaneous general industrial machinery	X	7 551	.11	
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S	
	3363501	Motor vehicle drive train components, new	X	D	S	
	336370	Motor vehicle metal stamping	X	32 317	.46	
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	32 317	.46	
	336399	All other motor vehicle parts manufacturing	X	6 678	.10	
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	6 678	.10	
	3363999	All other transportation equipment manufacturing	X	D	S	
	3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	X	D	S	
	930000	Receipts for work done for others on their materials	X	156 496	2.24	
	9300000	Receipts for work done for others on their materials	X	156 496	2.24	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	88 283	1.26	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	88 283	1.26	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	143 618	2.06	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	143 618	2.06	
	999999	All other products made in this industry	X	63 413	.91	
	9999999	All other products made in this industry	X	92 116	1.32	
	333515		Cutting tool and machine tool accessory manufacturing	5 093 704	X	100.00
		327910	Abrasive product manufacturing	X	27 279	.54
		3279104	Nonmetallic abrasive products (including diamond abrasives)	X	27 189	.53
		332212	Hand and edge tool manufacturing	X	69 995	1.37
		3322122	Mechanics' hand service tools	X	D	S
		332710	Machine shops	X	D	S
		3327100	Receipts for machine shop job work and job order repairs	X	D	S
		333294	Food product machinery manufacturing	X	D	S
		3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed	X	D	S
		333512	Machine tool (metal cutting types) manufacturing	X	47 628	.94
		3335122	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines	X	D	S
		3335126	Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools	X	6 093	.12
3335129		Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	X	25 012	.49	
333513		Machine tool (metal forming types) manufacturing	X	D	S	
3335131		Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)	X	D	S	
333514		Special die and tool, die set, jig, and fixture manufacturing	X	25 135	.49	
3335140		Special dies, tools, jigs, and fixtures	X	25 135	.49	
333515		Cutting tool and machine tool accessory manufacturing	X	4 348 313	85.37	
3335151		Small cutting tools for machine tools and metalworking machinery	X	2 849 658	55.94	
3335153		Other attachments and accessories for machine tools and metalworking machinery	X	880 210	17.28	
333515W		Cutting tool and machine tool accessory manufacturing, nsk, total	X	618 445	12.14	
333999		All other miscellaneous general purpose machinery manufacturing	X	D	S	
3339997		All other miscellaneous general industrial machinery	X	D	S	
930000		Receipts for work done for others on their materials	X	72 171	1.42	
9300000		Receipts for work done for others on their materials	X	72 171	1.42	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	57 275	1.12	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	57 275	1.12	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	356 203	6.99	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	356 203	6.99	
999999		All other products made in this industry	X	32 803	.64	
9999999		All other products made in this industry	X	48 124	.94	
333516			Rolling mill machinery and equipment manufacturing	505 306	X	100.00
	333516	Rolling mill machinery and equipment manufacturing	X	477 754	94.55	
	3335161	Hot rolling mill machinery (including combination hot and cold) (except tube rolling)	X	125 543	24.84	
	3335163	Cold rolling mill machinery	X	70 189	13.89	
	3335165	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery	X	253 879	50.24	
	333516W	Rolling mill machinery and equipment manufacturing, nsk, total	X	28 143	5.57	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	5 116	1.01	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	5 116	1.01	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333516		Rolling mill machinery and equipment manufacturing—Con.			
	999999	All other products made in this industry	X	22 436	4.44
	9999999	All other products made in this industry	X	22 436	4.44
333518		Other metalworking machinery manufacturing	2 908 052	X	100.00
	332116	Metal stamping	X	D	S
	3321161	Job stampings	X	D	S
	332710	Machine shops	X	12 559	.43
	3327100	Receipts for machine shop job work and job order repairs	X	12 559	.43
	333298	All other industrial machinery manufacturing	X	19 675	.68
	3332987	All other miscellaneous special industry machinery and equipment	X	19 670	.68
	333512	Machine tool (metal cutting types) manufacturing	X	21 251	.73
	3335126	Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	52 571	1.81
	3335140	Special dies, tools, jigs, and fixtures	X	52 571	1.81
	333518	Other metalworking machinery manufacturing	X	2 523 548	86.78
	3335181	Assembly machines	X	1 764 773	60.69
	3335183	Other metalworking machinery (except handheld and ultrasonic)	X	650 438	22.37
	333518W	Other metalworking machinery manufacturing, nsk, total	X	108 337	3.73
	333922	Conveyor and conveying equipment manufacturing	X	10 537	.36
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	8 282	.28
	333993	Packaging machinery manufacturing	X	D	S
	3339931	Packing, packaging, and bottling machinery (except parts)	X	D	S
	333995	Fluid power cylinder and actuator manufacturing	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	23 323	.80
	3339997	All other miscellaneous general industrial machinery	X	23 007	.79
	930000	Receipts for work done for others on their materials	X	25 406	.87
	9300000	Receipts for work done for others on their materials	X	25 406	.87
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 743	.89
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 743	.89
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	143 162	4.92
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	143 162	4.92
	999999	All other products made in this industry	X	32 388	1.11
	9999999	All other products made in this industry	X	56 834	1.95
333611		Turbine and turbine generator set units manufacturing	14 966 426	X	100.00
	333611	Turbine and turbine generator set units manufacturing	X	D	S
	3336110	Turbines, turbine generators, and turbine generator sets (including parts)	X	D	S
	333618	Other engine equipment manufacturing	X	7 596	.05
	333912	Air and gas compressor manufacturing	X	D	S
	336312	Gasoline engine and engine parts manufacturing	X	D	S
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	336412	Aircraft engine and engine parts manufacturing	X	21 299	.14
	3364123	Civilian aircraft engines	X	D	S
	3364127	Aircraft engine parts and accessories	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	D	S
	3364131	Aircraft propellers and helicopter rotors	X	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	D	S
	3364157	Missile and space vehicle engine and propulsion parts and accessories	X	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	X	D	S
	3369920	Military armored vehicles, tanks, and tank components	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 148	.29
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 148	.29
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	14 180	.09
	9999999	All other products made in this industry	X	26 811	.18
333612		Speed changer, industrial high-speed drive, and gear manufacturing	2 035 738	X	100.00
	331513	Steel foundries (except investment)	X	D	S
	3315131	Other carbon steel castings, except investment	X	D	S
	332721	Precision turned product manufacturing	X	D	S
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	D	S
	332991	Ball and roller bearing manufacturing	X	15 743	.77
	3329917	Mounted bearings (except plain)	X	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	X	1 812 564	89.04
	3336123	Gears	X	533 443	26.20
	3336127	Speed changers and industrial high-speed drives	X	1 202 953	59.09
	333612W	Speed changer, industrial high-speed drive, and gear manufacturing, nsk, total	X	76 168	3.74
	333613	Mechanical power transmission equipment manufacturing	X	66 642	3.27
	3336131	Plain bearings and bushings	X	11 017	.54
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X	55 625	2.73
	333922	Conveyor and conveying equipment manufacturing	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	D	S
	3363113	Pistons, piston rings, and piston pins (engine)	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 765	1.07
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	21 765	1.07
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	39 665	1.95
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	39 665	1.95
	999999	All other products made in this industry	X	32 975	1.62

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333612	999999	Speed changer, industrial high-speed drive, and gear manufacturing—Con.			
	9999999	All other products made in this industry—Con.			
		All other products made in this industry	X	40 109	1.97
333613		Mechanical power transmission equipment manufacturing	2 781 377	X	100.00
	332212	Hand and edge tool manufacturing	X	D	S
	3322122	Mechanics' hand service tools	X	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	X	D	S
	3327227	Nonthreaded metal fasteners (except aircraft types)	X	D	S
	332991	Ball and roller bearing manufacturing	X	D	S
	3329913	Tapered roller bearings (including cups and cones), unmounted	X	D	S
	3329917	Mounted bearings (except plain)	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	3329995	Miscellaneous machinery products	X	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	D	S
	3331127	Parts and attachments for consumer lawn, garden, and snow equipment	X	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	X	D	S
	3336123	Gears	X	43 284	1.56
	3336127	Speed changers and industrial high-speed drives	X	D	S
	333613	Mechanical power transmission equipment manufacturing	X	2 408 683	86.60
	3336131	Plain bearings and bushings	X	480 319	17.27
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X		
	333613W	Mechanical power transmission equipment manufacturing, nsk, total	X	1 923 169	69.14
	333618	Other engine equipment manufacturing	X	5 195	.19
	333618B	All other miscellaneous engine equipment	X	D	S
	333922	Conveyor and conveying equipment manufacturing	X	D	S
	3339223	Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately)	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	333999A	All other miscellaneous machinery products, except electrical	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	D	S
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	930000	Receipts for work done for others on their materials	X	6 205	.22
	9300000	Receipts for work done for others on their materials	X	6 205	.22
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 915	.32
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	8 915	.32
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	108 744	3.91
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	108 744	3.91
	999999	All other products made in this industry	X	32 065	1.15
	9999999	All other products made in this industry	X	43 604	1.57
333618		Other engine equipment manufacturing	18 651 552	X	100.00
	332991	Ball and roller bearing manufacturing	X	D	S
	3329915	Other roller bearings, unmounted	X	D	S
	332995	Other ordnance and accessories manufacturing	X	D	S
	3329951	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	333415A	Compressors and compressor units, all refrigerants, except automobiles	X	D	S
	333611	Turbine and turbine generator set units manufacturing	X	D	S
	3336110	Turbines, turbine generators, and turbine generator sets (including parts)	X	D	S
	333613	Mechanical power transmission equipment manufacturing	X	D	S
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X	D	S
	333618	Other engine equipment manufacturing	X	17 362 060	93.09
	3336181	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	X	2 133 192	11.44
	3336183	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank)	X	2 448 292	13.13
	3336185	Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses	X	6 495 958	34.83
	3336189	Piston-type natural gas engines, including LPG (liquefied petroleum gas) engines (excluding gas turbines)	X	283 130	1.52
	333618B	All other miscellaneous engine equipment	X	962 612	5.16
	333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	4 854 810	26.03
	333618W	Other engine equipment manufacturing, nsk, total	X	184 066	.99
	333912	Air and gas compressor manufacturing	X	D	S
	3339121	Air and gas compressors and vacuum pumps	X	D	S
	333913	Measuring and dispensing pump manufacturing	X	D	S
	3339130	Measuring and dispensing pumps	X	D	S
	335312	Motor and generator manufacturing	X	D	S
	3353127	Prime mover generator sets, except steam and hydraulic turbine	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	21 728	.12
	3363113	Pistons, piston rings, and piston pins (engine)	X	19 343	.10
	336312	Gasoline engine and engine parts manufacturing	X	62 320	.33
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	3363123	Gasoline engines and engine parts for motor vehicles, rebuilt	X	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	33 737	.18
	3363229	All other miscellaneous complete engine electrical equipment	X	6 487	.03
	336322D	Motor vehicle electrical and electronic equipment	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	57 019	.31
	3363501	Motor vehicle drive train components, new	X	56 768	.30
	336399	All other motor vehicle parts manufacturing	X	26 787	.14
	3363991	Filters for internal combustion engines and motor vehicles, new	X	D	S
	336999	All other transportation equipment manufacturing	X	D	S
	3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333618		Other engine equipment manufacturing—Con.				
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.—Con.				
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	574 754	3.08	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	574 754	3.08	
	999999	All other products made in this industry	X	22 226	.12	
	9999999	All other products made in this industry	X	35 818	.19	
333911		Pump and pumping equipment manufacturing	7 045 513	X	100.00	
	332410	Power boiler and heat exchanger manufacturing	X	D	S	
	3324107	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment	X	D	S	
	332420	Metal tank (heavy gauge) manufacturing	X	D	S	
	332420E	Metal tanks and vessels, custom fabricated at the factory and field erected	X	D	S	
	332710	Machine shops	X	9 614	.14	
	3327100	Receipts for machine shop job work and job order repairs	X	9 614	.14	
	332911	Industrial valve manufacturing	X	44 470	.63	
		3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	X	D	S
		3329117	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves	X	D	S
		332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	D	S
		333319	Other commercial and service industry machinery manufacturing	X	11 544	.16
		333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	11 544	.16
		333414	Heating equipment (except warm air furnaces) manufacturing	X	D	S
		3334141	Cast iron heating boilers, radiators, and convectors (except parts)	X	D	S
		333414A	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	D	S
		333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
		333415E	Unitary air-conditioners, except air source heat pumps	X	D	S
		333911	Pump and pumping equipment manufacturing	X	6 146 949	87.25
		3339111	Pump and pumping equipment	X	4 738 867	67.26
		3339115	Parts and attachments for pumps and pumping equipment (except hydraulic fluid power, and air and gas compressors), including locomotive and packaged pumps	X	1 118 525	15.88
		333911W	Pump and pumping equipment manufacturing, nsk, total	X	289 557	4.11
		333912	Air and gas compressor manufacturing	X	76 782	1.09
		3339121	Air and gas compressors and vacuum pumps	X	41 240	.59
		3339125	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors	X	34 666	.49
		333913	Measuring and dispensing pump manufacturing	X	D	S
		3339130	Measuring and dispensing pumps	X	D	S
		333996	Fluid power pump and motor manufacturing	X	D	S
		333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
		3339991	Filters and strainers, except fluid power	X	D	S
		334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
		3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
		335129	Other lighting equipment manufacturing	X	D	S
		3351291	Outdoor lighting equipment (including parts and accessories)	X	D	S
		335314	Relay and industrial control manufacturing	X	D	S
		930000	Receipts for work done for others on their materials	X	D	S
		9300000	Receipts for work done for others on their materials	X	D	S
		999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
		9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	435 761	6.18
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	435 761	6.18
		999999	All other products made in this industry	X	37 741	.54
	9999999	All other products made in this industry	X	58 951	.84	
333912		Air and gas compressor manufacturing	4 722 214	X	100.00	
	332710	Machine shops	X	16 608	.35	
	3327100	Receipts for machine shop job work and job order repairs	X	16 608	.35	
	332721	Precision turned product manufacturing	X	D	S	
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	D	S	
	333111	Farm machinery and equipment manufacturing	X	D	S	
	3331114	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	X	D	S	
	333513	Machine tool (metal forming types) manufacturing	X	D	S	
	333513W	Machine tool (metal forming types) manufacturing, nsk, total	X	D	S	
	333611	Turbine and turbine generator set units manufacturing	X	D	S	
	3336110	Turbines, turbine generators, and turbine generator sets (including parts)	X	D	S	
	333911	Pump and pumping equipment manufacturing	X	23 586	.50	
	3339111	Pump and pumping equipment	X	20 754	.44	
	333912	Air and gas compressor manufacturing	X	3 760 556	79.64	
	3339121	Air and gas compressors and vacuum pumps	X	2 319 074	49.11	
	3339125	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors	X	529 372	11.21	
	3339127	Industrial spraying equipment	X	733 408	15.53	
	333912W	Air and gas compressor manufacturing, nsk, total	X	178 702	3.78	
	333991	Power-driven handtool manufacturing	X	D	S	
	333991W	Power-driven handtool manufacturing, nsk, total	X	D	S	
	335311	Power, distribution, and specialty transformer manufacturing	X	D	S	
	3353119	Power regulators, boosters, and other transformers and parts for all transformers	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333912		Air and gas compressor manufacturing—Con.				
	335312	Motor and generator manufacturing	X	D	S	
	3353127	Prime mover generator sets, except steam and hydraulic turbine	X	D	S	
	335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs	X	D	S	
	930000	Receipts for work done for others on their materials	X	9 683	.21	
	9300000	Receipts for work done for others on their materials	X	9 683	.21	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 886	.48	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 886	.48	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	639 363	13.54	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	639 363	13.54	
	999999	All other products made in this industry	X	44 153	.94	
	9999999	All other products made in this industry	X	46 985	.99	
333913		Measuring and dispensing pump manufacturing	932 930	X	100.00	
	331421	Copper rolling, drawing, and extruding	X	D	S	
	3314211	Copper wire, bare and tinned (nonelectrical), made in rolling mills	X	D	S	
	332912	Fluid power valve and hose fitting manufacturing	X	D	S	
	332912J	Nonaerospace type flared fittings and couplings, including nonmetal fittings, used in fluid power systems	X	D	S	
	332919	Other metal valve and pipe fitting manufacturing	X	D	S	
	3329194	Metal fittings, flanges, and unions for piping systems	X	D	S	
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S	
	332999H	All other miscellaneous fabricated metal products	X	D	S	
	333911	Pump and pumping equipment manufacturing	X	D	S	
	3339111	Pump and pumping equipment	X	D	S	
	333913	Measuring and dispensing pump manufacturing	X	811 041	86.93	
	3339130	Measuring and dispensing pumps	X	811 041	86.93	
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	D	S	
	3363301	Motor vehicle steering and suspension components, new	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	4 386	.47	
	9999999	All other products made in this industry	X	4 386	.47	
	333921		Elevator and moving stairway manufacturing	1 936 487	X	100.00
		333921	Elevator and moving stairway manufacturing	X	D	S
3339211		Elevators and moving stairways	X	D	S	
3339213		Parts and attachments for elevators and moving stairways (sold separately)	X	D	S	
333921W		Elevator and moving stairway manufacturing, nsk, total	X	79 669	4.11	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 682	1.07	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 682	1.07	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	61 851	3.19	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	61 851	3.19	
999999		All other products made in this industry	X	25 687	1.33	
9999999		All other products made in this industry	X	25 687	1.33	
333922			Conveyor and conveying equipment manufacturing	5 885 523	X	100.00
	326220	Rubber and plastics hoses and belting manufacturing	X	D	S	
	3262201	Flat rubber and plastics belts and belting	X	D	S	
	333120	Construction machinery manufacturing	X	7 052	.12	
	333131	Mining machinery and equipment manufacturing	X	D	S	
	333294	Food product machinery manufacturing	X	12 607	.21	
	3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed	X	7 820	.13	
	333912	Air and gas compressor manufacturing	X	D	S	
	3339125	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors	X	D	S	
	333921	Elevator and moving stairway manufacturing	X	D	S	
	3339213	Parts and attachments for elevators and moving stairways (sold separately)	X	D	S	
	333922	Conveyor and conveying equipment manufacturing	X	4 748 163	80.68	
	3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators	X	2 137 994	36.33	
	3339223	Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately)	X	D	S	
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	1 422 543	24.17	
	3339229	Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately)	X	547 464	9.30	
	333922W	Conveyor and conveying equipment manufacturing, nsk, total	X	D	S	
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	33 670	.57	
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	30 580	.52	
	333993	Packaging machinery manufacturing	X	7 356	.12	
	3339931	Packing, packaging, and bottling machinery (except parts)	X	6 373	.11	
	335314	Relay and industrial control manufacturing	X	37 166	.63	
	3353143	Specific-purpose industrial controls	X	37 166	.63	
	337215	Showcase, partition, shelving, and locker manufacturing	X	D	S	
	337215E	Nonwood storage racks and accessories	X	D	S	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S		
999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	612 311	10.40		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333922	999890	Conveyor and conveying equipment manufacturing—Con. Sales of products bought and sold without further manufacture, processing, or assembly—Con.			
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	612 311	10.40
	999999	All other products made in this industry	X	66 369	1.13
	9999999	All other products made in this industry	X	94 270	1.60
333923		Overhead traveling crane, hoist, and monorail system manufacturing	2 995 444	X	100.00
	332911	Industrial valve manufacturing	X	D	S
	332911B	All other miscellaneous industrial valves	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	X	D	S
	3339231	Hoists	X	2 698 554	90.09
	3339233	Overhead traveling cranes and monorail systems	X	404 095	13.49
	3339237	Winches, aerial work platforms, and automotive wrecker hoists	X	464 078	15.49
	333923W	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, total	X	1 771 368	59.14
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	59 013	1.97
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	D	S
	333991	Power-driven handtool manufacturing	X	D	S
	3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	X	D	S
	333996	Fluid power pump and motor manufacturing	X	D	S
	3339965	Nonaerospace type fluid power motors	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	D	S
	336211	Motor vehicle body manufacturing	X	D	S
	3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	X	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	D	S
	3363225	Cranking motors (starters)	X	D	S
	930000	Receipts for work done for others on their materials	X	26 265	.88
	9300000	Receipts for work done for others on their materials	X	26 265	.88
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 346	1.61
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 346	1.61
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	82 658	2.76
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	82 658	2.76
	999999	All other products made in this industry	X	36 305	1.21
	9999999	All other products made in this industry	X	42 342	1.41
333924		Industrial truck, tractor, trailer, and stacker machinery manufacturing	4 745 005	X	100.00
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	D	S
	333618	Other engine equipment manufacturing	X	D	S
	333618B	All other miscellaneous engine equipment	X	D	S
	333922	Conveyor and conveying equipment manufacturing	X	32 471	.68
	3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators	X	25 763	.54
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	4 321 685	91.08
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	3 269 763	68.91
	3339243	Parts and attachments for industrial trucks and tractors (sold separately)	X	914 657	19.28
	333924W	Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, total	X	137 265	2.89
	336212	Truck trailer manufacturing	X	D	S
	3362121	Truck trailers and chassis, with axle rating of 10,000 lb or more	X	D	S
	336340	Motor vehicle brake system manufacturing	X	D	S
	3363401	Motor vehicle brake parts and assemblies, new	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	339950	Sign manufacturing	X	D	S
	3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	D	S
	930000	Receipts for work done for others on their materials	X	14 963	.32
	9300000	Receipts for work done for others on their materials	X	14 963	.32
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	24 509	.52
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	24 509	.52
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	217 120	4.58
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	217 120	4.58
	999999	All other products made in this industry	X	54 165	1.14
	9999999	All other products made in this industry	X	60 906	1.28
333991		Power-driven handtool manufacturing	3 649 117	X	100.00
	332212	Hand and edge tool manufacturing	X	5 735	.16
	332213	Saw blade and handsaw manufacturing	X	D	S
	3322130	Saw blades and handsaws	X	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	D	S
	3331121	Consumer nonriding lawn, garden, and snow equipment	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	D	S
	333515	Cutting tool and machine tool accessory manufacturing	X	D	S
	3335151	Small cutting tools for machine tools and metalworking machinery	X	D	S
	333912	Air and gas compressor manufacturing	X	D	S
	3339121	Air and gas compressors and vacuum pumps	X	D	S
	333991	Power-driven handtool manufacturing	X	3 111 003	85.25

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333991		Power-driven handtool manufacturing—Con.				
		Power-driven handtool manufacturing—Con.				
	333991	Power-driven handtools, pneumatic, hydraulic, and power-actuated	X	983 547	26.95	
	3339911	Power-driven handtools, internal combustion engine driven (including parts) . . .	X	D	S	
	3339913	Power-driven handtools, battery-powered (cordless), including parts	X	D	S	
	3339917	Power-driven handtools, electric (except battery-powered), including parts	X	D	S	
	3339919	Power-driven handtools, electric (except battery-powered), including parts	X	D	S	
	333991W	Power-driven handtool manufacturing, nsk, total	X	D	S	
	333996	Fluid power pump and motor manufacturing	X	D	S	
	335121	Residential electric lighting fixture manufacturing	X	D	S	
	3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories	X	D	S	
	335312	Motor and generator manufacturing	X	D	S	
	3353123	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hematics)	X	D	S	
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S	
	335999E	All other miscellaneous electrical equipment and components (except for industrial use)	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	198 113	5.43	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	198 113	5.43	
	999999	All other products made in this industry	X	11 588	.32	
9999999	All other products made in this industry	X	31 133	.85		
333992		Welding and soldering equipment manufacturing	3 799 582	X	100.00	
	332420	Metal tank (heavy gauge) manufacturing	X	D	S	
	3324207	Gas cylinders	X	D	S	
	332710	Machine shops	X	20 433	.54	
	3327100	Receipts for machine shop job work and job order repairs	X	20 433	.54	
	332911	Industrial valve manufacturing	X	D	S	
	332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	D	S	
	333512	Machine tool (metal cutting types) manufacturing	X	8 419	.22	
	3335122	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines	X	D	S	
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	D	S	
	3335140	Special dies, tools, jigs, and fixtures	X	D	S	
	333518	Other metalworking machinery manufacturing	X	5 929	.16	
	333992	Welding and soldering equipment manufacturing	X	3 450 087	90.80	
	3339921	Arc welding machines, components, and accessories (except electrodes), except stud welding equipment	X	1 238 683	32.60	
	3339923	Arc welding electrodes, metal	X	679 565	17.89	
	3339927	Resistance welders, components, accessories, and electrodes	X	D	S	
	3339929	Gas welding and cutting equipment, parts, attachments, and accessories	X	D	S	
	333992A	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment)	X	D	S	
	333992W	Welding and soldering equipment manufacturing, nsk, total	X	D	S	
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S	
	3339997	All other miscellaneous general industrial machinery	X	D	S	
	930000	Receipts for work done for others on their materials	X	5 803	.15	
	9300000	Receipts for work done for others on their materials	X	5 803	.15	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	13 917	.37	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	13 917	.37	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	188 033	4.95	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	188 033	4.95	
	999999	All other products made in this industry	X	19 615	.52	
	9999999	All other products made in this industry	X	28 390	.75	
	333993		Packaging machinery manufacturing	4 214 369	X	100.00
		332710	Machine shops	X	16 883	.40
		3327100	Receipts for machine shop job work and job order repairs	X	16 883	.40
		333220	Plastics and rubber industry machinery manufacturing	X	D	S
		3332201	Plastics-working machinery and equipment, excluding patterns and molds	X	D	S
		333294	Food product machinery manufacturing	X	D	S
		3332943	Commercial food products machinery (except packaging machinery and food cooking and warming equipment)	X	D	S
		333319	Other commercial and service industry machinery manufacturing	X	D	S
		3333191	Commercial cooking and food-warming equipment	X	D	S
		333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	12 441	.30
		3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	9 425	.22
333993		Packaging machinery manufacturing	X	3 595 907	85.32	
3339931		Packing, packaging, and bottling machinery (except parts)	X	2 886 508	68.49	
3339935		Parts for packing, packaging, and bottling machinery	X	612 143	14.53	
333993W		Packaging machinery manufacturing, nsk, total	X	97 256	2.31	
334519		Other measuring and controlling device manufacturing	X	11 504	.27	
3345194		Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	D	S	
930000		Receipts for work done for others on their materials	X	17 131	.41	
9300000		Receipts for work done for others on their materials	X	17 131	.41	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	160 403	3.81	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	160 403	3.81	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	272 626	6.47	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	272 626	6.47	
999999		All other products made in this industry	X	31 232	.74	
9999999		All other products made in this industry	X	38 150	.91	
333994		Industrial process furnace and oven manufacturing	1 636 340	X	100.00	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
333994		Industrial process furnace and oven manufacturing—Con.				
	327992	Ground or treated mineral and earth manufacturing	X	D	S	
	3279920	Treated minerals and earths	X	D	S	
	333220	Plastics and rubber industry machinery manufacturing	X	D	S	
	3332201	Plastics-working machinery and equipment, excluding patterns and molds	X	D	S	
	333414	Heating equipment (except warm air furnaces) manufacturing	X	D	S	
	333618	Other engine equipment manufacturing	X	D	S	
	333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	D	S	
	333994	Industrial process furnace and oven manufacturing	X	1 405 347	85.88	
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	X	1 405 347	85.88	
	930000	Receipts for work done for others on their materials	X	22 901	1.40	
	9300000	Receipts for work done for others on their materials	X	22 901	1.40	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 005	.92	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 005	.92	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	112 220	6.86	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	112 220	6.86	
	999999	All other products made in this industry	X	38 734	2.37	
	9999999	All other products made in this industry	X	45 230	2.76	
	333995		Fluid power cylinder and actuator manufacturing	3 116 909	X	100.00
		332710	Machine shops	X	13 507	.43
3327100		Receipts for machine shop job work and job order repairs	X	13 507	.43	
332912		Fluid power valve and hose fitting manufacturing	X	244 069	7.83	
3329121		Aerospace type hydraulic fluid power valves	X	D	S	
3329125		Nonaerospace type hydraulic directional control valves	X	14 158	.45	
3329127		Nonaerospace type hydraulic valves, except directional control	X	D	S	
3329129		Nonaerospace type pneumatic directional control valves	X	6 225	.20	
332912D		Parts for fluid power valves	X	11 239	.36	
333995		Fluid power cylinder and actuator manufacturing	X	2 590 436	83.11	
3339951		Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	X	908 383	29.14	
3339953		Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary	X	414 769	13.31	
3339955		Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc.	X	322 790	10.36	
3339957		Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic	X	745 855	23.93	
333995W		Fluid power cylinder and actuator manufacturing, nsk, total	X	198 639	6.37	
333996		Fluid power pump and motor manufacturing	X	63 994	2.05	
3339963		Nonaerospace type rotary and other fluid power pumps	X	D	S	
3339965		Nonaerospace type fluid power motors	X	D	S	
3339969		Parts for fluid power pumps, motors, and hydrostatic transmissions	X	D	S	
333999		All other miscellaneous general purpose machinery manufacturing	X	10 727	.34	
3339993		Filters for hydraulic fluid power systems, nonaerospace	X	D	S	
3339999		All other miscellaneous electrical equipment and component manufacturing	X	D	S	
3359996		Other electrical equipment for industrial use (except for electronic circuitry)	X	D	S	
336992		Military armored vehicle, tank, and tank component manufacturing	X	D	S	
3369920		Military armored vehicles, tanks, and tank components	X	D	S	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	38 314	1.23	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	38 314	1.23	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	80 352	2.58	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	80 352	2.58	
999999		All other products made in this industry	X	42 925	1.38	
9999999		All other products made in this industry	X	61 669	1.98	
333996			Fluid power pump and motor manufacturing	2 552 023	X	100.00
		332912	Fluid power valve and hose fitting manufacturing	X	129 528	5.08
		3329123	Aerospace type pneumatic fluid power valves	X	D	S
		3329125	Nonaerospace type hydraulic directional control valves	X	D	S
		3329127	Nonaerospace type hydraulic valves, except directional control	X	D	S
		332912D	Parts for fluid power valves	X	D	S
		332912L	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose	X	D	S
	333911	Pump and pumping equipment manufacturing	X	D	S	
	333995	Fluid power cylinder and actuator manufacturing	X	D	S	
	3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	X	D	S	
	3339957	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic	X	D	S	
	333996	Fluid power pump and motor manufacturing	X	2 097 041	82.17	
	3339961	Nonaerospace type reciprocating fluid power pumps	X	D	S	
	3339963	Nonaerospace type rotary and other fluid power pumps	X	412 102	16.15	
	3339965	Nonaerospace type fluid power motors	X	379 359	14.87	
	3339967	Aerospace type fluid power pumps and motors	X	D	S	
	3339969	Parts for fluid power pumps, motors, and hydrostatic transmissions	X	510 933	20.02	
	333996W	Fluid power pump and motor manufacturing, nsk, total	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	216 164	8.47	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	216 164	8.47	
	999999	All other products made in this industry	X	32 961	1.29	
	9999999	All other products made in this industry	X	49 393	1.94	
	333997		Scale and balance (except laboratory) manufacturing	692 467	X	100.00
		333997	Scale and balance (except laboratory) manufacturing	X	D	S
		3339971	Vehicle and industrial scales	X	308 403	44.54
		3339973	Retail, commercial, household, and mailing scales	X	D	S

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333997		Scale and balance (except laboratory) manufacturing—Con.			
	333997	Scale and balance (except laboratory) manufacturing—Con.			
	3339975	Parts, attachments, and accessories for scales and balances, except laboratory	X	98 555	14.23
	333997W	Scale and balance (except laboratory) manufacturing, nsk, total	X	11 703	1.69
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 030	1.30
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	9 030	1.30
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	15 770	2.28
	9999999	All other products made in this industry	X	15 770	2.28
333999		All other miscellaneous general purpose machinery manufacturing	9 271 704	X	100.00
	326299	All other rubber product manufacturing	X	D	S
	3262997	All other industrial rubber products	X	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	X	D	S
	331492B	All other miscellaneous secondary nonferrous metals	X	D	S
	331528	Other nonferrous foundries (except die-casting)	X	D	S
	3315280	Other nonferrous foundries	X	D	S
	332313	Plate work manufacturing	X	5 561	.06
	3323130	Fabricated plate work (stacks and weldments)	X	5 561	.06
	332420	Metal tank (heavy gauge) manufacturing	X	D	S
	332420E	Metal tanks and vessels, custom fabricated at the factory and field erected ..	X	D	S
	332710	Machine shops	X	32 196	.35
	3327100	Receipts for machine shop job work and job order repairs	X	32 196	.35
	332721	Precision turned product manufacturing	X	10 659	.11
	332721W	Precision turned product manufacturing, nsk, total	X	10 183	.11
	332911	Industrial valve manufacturing	X	D	S
	3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	X	D	S
	332912	Fluid power valve and hose fitting manufacturing	X	D	S
	332912F	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	X	D	S
	332919	Other metal valve and pipe fitting manufacturing	X	D	S
	3329194	Metal fittings, flanges, and unions for piping systems	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	30 379	.33
	3329995	Miscellaneous machinery products	X	23 674	.26
	333132	Oil and gas field machinery and equipment manufacturing	X	D	S
	3331329	Oil and gas field derricks and well surveying machinery	X	D	S
	333220	Plastics and rubber industry machinery manufacturing	X	12 479	.13
	3332201	Plastics-working machinery and equipment, excluding patterns and molds	X	12 479	.13
	333298	All other industrial machinery manufacturing	X	9 983	.11
	3332987	All other miscellaneous special industry machinery and equipment	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	14 497	.16
	3333195	Automotive maintenance equipment, except handtools	X	D	S
	333411	Air purification equipment manufacturing	X	16 648	.18
	3334111	Dust collection and other air purification equipment for industrial gas cleaning systems	X	7 716	.08
	3334113	Dust collection and other air purification equipment for cleaning incoming air ..	X	8 804	.09
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	6 546	.07
	3335140	Special dies, tools, jigs, and fixtures	X	6 546	.07
	333515	Cutting tool and machine tool accessory manufacturing	X	12 020	.13
	3335151	Small cutting tools for machine tools and metalworking machinery	X	D	S
	333518	Other metalworking machinery manufacturing	X	7 199	.08
	3335181	Assembly machines	X	7 087	.08
	333911	Pump and pumping equipment manufacturing	X	11 400	.12
	333911W	Pump and pumping equipment manufacturing, nsk, total	X	7 607	.08
	333912	Air and gas compressor manufacturing	X	D	S
	3339127	Industrial spraying equipment	X	D	S
	333922	Conveyor and conveying equipment manufacturing	X	9 238	.10
	3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	X	8 592	.09
	333995	Fluid power cylinder and actuator manufacturing	X	D	S
	3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	X	D	S
	333996	Fluid power pump and motor manufacturing	X	D	S
	3339961	Nonaerospace type reciprocating fluid power pumps	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	8 167 497	88.09
	3339991	Filters and strainers, except fluid power	X	2 248 472	24.25
	3339993	Filters for hydraulic fluid power systems, nonaerospace	X	245 422	2.65
	3339994	Filters for pneumatic fluid power systems, nonaerospace	X	D	S
	3339996	Filters for hydraulic and pneumatic fluid power systems, aerospace	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	2 956 712	31.89
	333999A	All other miscellaneous machinery products, except electrical	X	858 011	9.25
	333999W	All other miscellaneous general purpose machinery manufacturing, nsk, total ..	X	1 705 695	18.40
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363991	Filters for internal combustion engines and motor vehicles, new	X	D	S
	339111	Laboratory apparatus and furniture manufacturing	X	D	S
	3391118	Laboratory apparatus and furniture	X	D	S
	339112	Surgical and medical instrument manufacturing	X	D	S
	3391120	Surgical and medical instruments	X	D	S
	339991	Gasket, packing, and sealing device manufacturing	X	D	S
	3399913	Nonmetallic gaskets and gasketing	X	D	S
	930000	Receipts for work done for others on their materials	X	48 083	.52
	9300000	Receipts for work done for others on their materials	X	48 083	.52
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	68 880	.74
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	68 880	.74
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	442 578	4.77
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	442 578	4.77
	999999	All other products made in this industry	X	88 305	.95

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
333999	999999	All other miscellaneous general purpose machinery manufacturing—Con.			
	999999	All other products made in this industry—Con.			
	999999	All other products made in this industry	X	132 085	1.42
334111	334111	Electronic computer manufacturing	47 734 275	X	100.00
	3341111	Electronic computer manufacturing	X	39 066 050	81.84
	3341111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers)	X	11 317 443	23.71
	3341117	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)	X	26 113 000	54.70
	334111D	Other computers (array, analog, hybrid, and special-use computers)	X	793 601	1.66
	334111W	Electronic computer manufacturing, nsk, total	X	842 006	1.76
	334112	Computer storage device manufacturing	X	D	S
	3341121	Computer storage devices (except parts, attachments, and accessories)	X	D	S
	3341124	Parts, attachments, and accessories for computer storage devices	X	D	S
	334113	Computer terminal manufacturing	X	11 489	.02
	3341134	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	X	7 916	.02
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	3341194	Parts, subassemblies, and accessories for computer peripheral equipment	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S
	334310	Audio and video equipment manufacturing	X	D	S
	3343102	Television receivers, including combination models	X	D	S
	3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	X	D	S
	334411	Electron tube manufacturing	X	D	S
	3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt)	X	D	S
	334416	Electronic coil, transformer, and other inductor manufacturing	X	D	S
	3344160	Electronic coils, transformers, and other inductors	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
	334419	Other electronic component manufacturing	X	D	S
	3344197	Switches, mechanical, for electronic circuitry	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	337127	Institutional furniture manufacturing	X	D	S
	3371271	School furniture (except stone and concrete), excluding library furniture	X	D	S
	930000	Receipts for work done for others on their materials	X	67 202	.14
	9300000	Receipts for work done for others on their materials	X	67 202	.14
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	362 851	.76
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	362 851	.76
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 061 970	4.32
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 061 970	4.32
	999999	All other products made in this industry	X	17 960	.04
	9999999	All other products made in this industry	X	22 684	.05
334112	334112	Computer storage device manufacturing	9 423 055	X	100.00
	3341121	Computer storage devices (except parts, attachments, and accessories)	X	6 990 512	74.19
	3341124	Parts, attachments, and accessories for computer storage devices	X	4 855 875	51.53
	334112W	Computer storage device manufacturing, nsk, total	X	1 655 085	17.56
	334119	Other computer peripheral equipment manufacturing	X	479 552	5.09
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	334413	Semiconductor and related device manufacturing	X	D	S
	334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
	334613	Magnetic and optical recording media manufacturing	X	D	S
	3346130	Magnetic and optical recording media	X	D	S
	930000	Receipts for work done for others on their materials	X	6 342	.07
	9300000	Receipts for work done for others on their materials	X	6 342	.07
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	9 022	.10
	9999999	All other products made in this industry	X	9 022	.10
334113	334113	Computer terminal manufacturing	413 433	X	100.00
	3341131	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	X	317 468	76.79
	3341134	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	X	D	S
	334113W	Computer terminal manufacturing, nsk, total	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	61 597	14.90
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	334411	Electron tube manufacturing	X	D	S
	3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt)	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334113		Computer terminal manufacturing—Con.			
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	12 355	2.99
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	12 355	2.99
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	9 695	2.34
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	9 695	2.34
	999999	All other products made in this industry	X	3 788	.92
	9999999	All other products made in this industry	X	4 817	1.17
334119		Other computer peripheral equipment manufacturing	15 981 239	X	100.00
	313320	Fabric coating mills	X	D	S
	3133205	Other coated or laminated fabrics and coated yarns	X	D	S
	322222	Coated and laminated paper manufacturing	X	D	S
	3222225	Pressure-sensitive products	X	D	S
	325910	Printing ink manufacturing	X	D	S
	325910E	Nonimpact/digital inks	X	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	X	D	S
	3259925	Prepared photographic chemicals	X	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	326199A	All other reinforced and fiberglass plastics products	X	D	S
	327420	Gypsum product manufacturing	X	D	S
	3274205	Other gypsum products	X	D	S
	333313	Office machinery manufacturing	X	D	S
	3333131	Automatic typing and word processing machines, including parts and attachments	X	D	S
	333313A	Mailing, letter handling, and addressing machines, except parts and attachments	X	D	S
	334111	Electronic computer manufacturing	X	D	S
	3341111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers)	X	D	S
	3341117	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)	X	D	S
	334112	Computer storage device manufacturing	X	D	S
	3341121	Computer storage devices (except parts, attachments, and accessories)	X	D	S
	334113	Computer terminal manufacturing	X	D	S
	3341131	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	10 999 471	68.83
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	6 313 864	39.51
	3341194	Parts, subassemblies, and accessories for computer peripheral equipment	X	D	S
	3341197	Point of sale terminals and fund-transfer devices	X	D	S
	334119D	Parts and attachments for point of sale terminals and fund-transfer devices	X	80 662	.50
	334119W	Other computer peripheral equipment manufacturing, nsk, total	X	1 826 729	11.43
	334412	Bare printed circuit board manufacturing	X	D	S
	3344120	Bare printed circuit boards	X	D	S
	334413	Semiconductor and related device manufacturing	X	D	S
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	6 481	.04
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	6 481	.04
	334419	Other electronic component manufacturing	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	335311	Power, distribution, and specialty transformer manufacturing	X	D	S
	3353119	Power regulators, boosters, and other transformers and parts for all transformers	X	D	S
	930000	Receipts for work done for others on their materials	X	31 932	.20
	9300000	Receipts for work done for others on their materials	X	31 932	.20
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	685 731	4.29
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	685 731	4.29
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 514 854	15.74
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 514 854	15.74
	999999	All other products made in this industry	X	41 659	.26
	9999999	All other products made in this industry	X	47 337	.30
334210		Telephone apparatus manufacturing	27 273 739	X	100.00
	334111	Electronic computer manufacturing	X	D	S
	3341117	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	334210	Telephone apparatus manufacturing	X	25 716 955	94.29
	3342101	Telephone switching and switchboard equipment	X	6 914 326	25.35
	3342104	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets	X	4 116 088	15.09
	3342107	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines	X	12 804 479	46.95
	334210W	Telephone apparatus manufacturing, nsk, total	X	1 882 062	6.90
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S
	3342202	Broadcast, studio, and related electronic equipment	X	D	S
	334290	Other communications equipment manufacturing	X	6 127	.02

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334210		Telephone apparatus manufacturing—Con.			
	334417	Electronic connector manufacturing	X	D	S
	3344171	Coaxial (RF) connectors for electronic circuitry	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	10 311	.04
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	8 379	.03
	334419	Other electronic component manufacturing	X	17 457	.06
	334419E	All other miscellaneous electronic components	X	12 512	.05
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	9 507	.03
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	9 507	.03
	335999	All other miscellaneous electrical equipment and component manufacturing	X	25 028	.09
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	147 514	.54
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	147 514	.54
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 061 137	3.89
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 061 137	3.89
	999999	All other products made in this industry	X	12 497	.05
	9999999	All other products made in this industry	X	36 243	.13
334220		Radio and television broadcasting and wireless communications equipment manufacturing	32 169 112	X	100.00
	334111	Electronic computer manufacturing	X	D	S
	3341111	Host computers, mainframes, super computers, medium scale systems, UNIX servers, PC servers	X	D	S
	3341117	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341194	Parts, subassemblies, and accessories for computer peripheral equipment	X	D	S
	3341197	Point of sale terminals and fund-transfer devices	X	D	S
	334210	Telephone apparatus manufacturing	X	161 014	.50
	3342101	Telephone switching and switchboard equipment	X	D	S
	3342104	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets	X	D	S
	3342107	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	28 639 056	89.03
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	23 475 691	72.98
	3342202	Broadcast, studio, and related electronic equipment	X	2 866 429	8.91
	334220W	Radio and television broadcasting and wireless communications equipment manufacturing, nsk, total	X	2 296 936	7.14
	334290	Other communications equipment manufacturing	X	37 978	.12
	3342901	Alarm systems, including electric sirens and horns	X	D	S
	3342903	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	X	D	S
	334310	Audio and video equipment manufacturing	X	47 451	.15
	3343104	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	X	D	S
	334411	Electron tube manufacturing	X	D	S
	3344111	Transmittal, industrial, and special-purpose electron tubes (except X-ray)	X	D	S
	334413	Semiconductor and related device manufacturing	X	11 140	.03
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	11 140	.03
	334415	Electronic resistor manufacturing	X	D	S
	3344150	Resistors for electronic circuitry	X	D	S
	334417	Electronic connector manufacturing	X	D	S
	334417D	Other connectors for electronic circuitry, including parts	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	126 259	.39
	3344184	External modems, consumer	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
	334419	Other electronic component manufacturing	X	28 954	.09
	3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers	X	D	S
	334419A	Microwave components and devices, except antennae, tubes, and semiconductors	X	9 529	.03
	334419E	All other miscellaneous electronic components	X	11 746	.04
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	D	S
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	278 490	.87
	3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S	
3345130	Process control instruments	X	D	S	
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	32 671	.10	
3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	32 669	.10	
335129	Other lighting equipment manufacturing	X	D	S	
3351291	Outdoor lighting equipment (including parts and accessories)	X	D	S	
3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	D	S	

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334220		Radio and television broadcasting and wireless communications equipment manufacturing—Con.			
	335932	Noncurrent-carrying wiring device manufacturing	X	D	S
	3359321	Noncurrent-carrying pole and transmission line hardware	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	15 364	.05
	3359999	All other laser systems and equipment	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336414	Guided missile and space vehicle manufacturing	X	D	S
	3364147	Complete space vehicles (excluding propulsion systems)	X	D	S
	3364149	Research and development on complete space vehicles	X	D	S
	336414A	All other services on complete space vehicles	X	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	D	S
	3364153	Research and development on complete missiles, space vehicle engines, and propulsion units	X	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	X	D	S
	3364191	Missile and space vehicle components, parts, and subassemblies	X	D	S
	339112	Surgical and medical instrument manufacturing	X	D	S
	3391120	Surgical and medical instruments	X	D	S
	930000	Receipts for work done for others on their materials	X	15 062	.05
	9300000	Receipts for work done for others on their materials	X	15 062	.05
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	194 419	.60
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	194 419	.60
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 206 954	3.75
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 206 954	3.75
	999999	All other products made in this industry	X	29 600	.09
	9999999	All other products made in this industry	X	47 389	.15
334290		Other communications equipment manufacturing	5 523 142	X	100.00
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	8 155	.15
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	6 685	.12
	334290	Other communications equipment manufacturing	X	4 740 651	85.83
	3342901	Alarm systems, including electric sirens and horns	X	2 946 419	53.35
	3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments	X	855 223	15.48
	3342903	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	X	266 607	4.83
	334290W	Other communications equipment manufacturing, nsk, total	X	672 402	12.17
	334310	Audio and video equipment manufacturing	X	D	S
	3343104	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	X	D	S
	334413	Semiconductor and related device manufacturing	X	D	S
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	33 902	.61
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	33 902	.61
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S
	3345143	Counting devices, excluding motor vehicle instruments	X	D	S
	335314	Relay and industrial control manufacturing	X	D	S
	3353141	Relays for electronic circuitry, industrial control overload, and switchgear type	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336321	Vehicular lighting equipment manufacturing	X	D	S
	3363210	Vehicular lighting equipment	X	D	S
	339999	All other miscellaneous manufacturing	X	D	S
	3399991	Hand-portable and fixed-system (except water sprinkler system) fire extinguishing equipment, parts and attachments	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	404 445	7.32
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	404 445	7.32
	999999	All other products made in this industry	X	17 817	.32
	9999999	All other products made in this industry	X	25 103	.45
334310		Audio and video equipment manufacturing	8 862 262	X	100.00
	331315	Aluminum sheet, plate, and foil manufacturing	X	D	S
	3313155	Plain aluminum foil (less than .006 in. thick)	X	D	S
	334210	Telephone apparatus manufacturing	X	D	S
	3342101	Telephone switching and switchboard equipment	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S
	334310	Audio and video equipment manufacturing	X	7 622 484	86.01
	3343101	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations	X	D	S
	3343102	Television receivers, including combination models	X	2 994 513	33.79
	3343104	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	X	1 662 670	18.76
	3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	X	D	S
	334310W	Audio and video equipment manufacturing, nsk, total	X	395 743	4.47
	334411	Electron tube manufacturing	X	D	S
	3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt)	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
334310		Audio and video equipment manufacturing—Con.				
	334414	Electronic capacitor manufacturing	X	D	S	
	3344140	Capacitors for electronic circuitry	X	D	S	
	334419	Other electronic component manufacturing	X	45 603	.51	
	3344197	Switches, mechanical, for electronic circuitry	X	D	S	
	334419E	All other miscellaneous electronic components	X	D	S	
	334516	Analytical laboratory instrument manufacturing	X	D	S	
	3345160	Analytical and scientific instruments, except optical	X	D	S	
	334519	Other measuring and controlling device manufacturing	X	D	S	
	3345192	Aircraft engine instruments, except flight	X	D	S	
	336399	All other motor vehicle parts manufacturing	X	D	S	
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S	
	337215	Showcase, partition, shelving, and locker manufacturing	X	D	S	
	3372155	Wood bank, office, store, and related fixtures (except custom)	X	D	S	
	339992	Musical instrument manufacturing	X	D	S	
	3399927	Other musical instruments and parts	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	26 972	.30	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	26 972	.30	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	645 837	7.29	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	645 837	7.29	
	999999	All other products made in this industry	X	15 902	.18	
	9999999	All other products made in this industry	X	15 902	.18	
334411		Electron tube manufacturing	2 428 753	X	100.00	
	334411	Electron tube manufacturing	X	2 337 638	96.25	
	3344111	Transmittal, industrial, and special-purpose electron tubes (except X-ray)	X	511 333	21.05	
	3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt)	X	1 689 368	69.56	
	3344117	Electron tube parts	X	74 695	3.08	
	334411W	Electron tube manufacturing, nsk, total	X	62 242	2.56	
	334419	Other electronic component manufacturing	X	D	S	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	67 737	2.79	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	67 737	2.79	
	999999	All other products made in this industry	X	12 187	.50	
	9999999	All other products made in this industry	X	17 852	.74	
	334412		Bare printed circuit board manufacturing	6 431 054	X	100.00
		334119	Other computer peripheral equipment manufacturing	X	D	S
3341191		All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S	
334412		Bare printed circuit board manufacturing	X	5 817 581	90.46	
3344120		Bare printed circuit boards	X	5 817 581	90.46	
334417		Electronic connector manufacturing	X	D	S	
334417A		Printed circuit connectors for electronic circuitry	X	D	S	
334417D		Other connectors for electronic circuitry, including parts	X	D	S	
334418		Printed circuit assembly (electronic assembly) manufacturing	X	98 922	1.54	
334418B		Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	97 372	1.51	
334419		Other electronic component manufacturing	X	D	S	
334419E		All other miscellaneous electronic components	X	D	S	
334510		Electromedical and electrotherapeutic apparatus manufacturing	X	D	S	
3345101		Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S	
930000		Receipts for work done for others on their materials	X	68 838	1.07	
9300000		Receipts for work done for others on their materials	X	68 838	1.07	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 477	.24	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	15 477	.24	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	95 681	1.49	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	95 681	1.49	
999999		All other products made in this industry	X	31 125	.48	
9999999		All other products made in this industry	X	32 818	.51	
334413		Semiconductor and related device manufacturing	61 447 302	X	100.00	
	333295	Semiconductor machinery manufacturing	X	D	S	
	3332950	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic)	X	D	S	
	333314	Optical instrument and lens manufacturing	X	D	S	
	3333141	Sighting, tracking, and fire-control equipment, optical-type	X	D	S	
	333912	Air and gas compressor manufacturing	X	D	S	
	3339121	Air and gas compressors and vacuum pumps	X	D	S	
	334412	Bare printed circuit board manufacturing	X	45 864	.07	
	3344120	Bare printed circuit boards	X	45 864	.07	
	334413	Semiconductor and related device manufacturing	X	59 156 477	96.27	
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	49 071 453	79.86	
	3344134	Transistors	X	864 983	1.41	
	3344137	Diodes and rectifiers	X	419 068	.68	
	334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	X	6 762 773	11.01	
	334413W	Semiconductor and related device manufacturing, nsk, total	X	2 038 200	3.32	
	334415	Electronic resistor manufacturing	X	8 531	.01	
	3344150	Resistors for electronic circuitry	X	8 531	.01	
	334416	Electronic coil, transformer, and other inductor manufacturing	X	D	S	
	3344160	Electronic coils, transformers, and other inductors	X	D	S	
	334417	Electronic connector manufacturing	X	D	S	
	334417D	Other connectors for electronic circuitry, including parts	X	D	S	
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	682 794	1.11	
334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	682 781	1.11		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334413		Semiconductor and related device manufacturing—Con.			
	334419	Other electronic component manufacturing	X	D	S
	334419A	Microwave components and devices, except antennae, tubes, and semiconductors	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S
	334517	Process control instruments	X	D	S
	3345170	Irradiation apparatus manufacturing	X	D	S
	335999	Irradiation (ionizing radiation) equipment	X	D	S
	3359993	All other miscellaneous electrical equipment and component manufacturing	X	5 776	.01
	930000	Rectifying apparatus	X	5 701	.01
	9300000	Receipts for work done for others on their materials	X	66 657	.11
	9300000	Receipts for work done for others on their materials	X	66 657	.11
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	96 130	.16
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	96 130	.16
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	823 389	1.34
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	823 389	1.34
	999999	All other products made in this industry	X	15 545	.03
	9999999	All other products made in this industry	X	21 893	.04
334414		Electronic capacitor manufacturing	1 640 150	X	100.00
	334414	Electronic capacitor manufacturing	X	1 291 478	78.74
	3344140	Capacitors for electronic circuitry	X	1 291 478	78.74
	334415	Electronic resistor manufacturing	X	D	S
	3344150	Resistors for electronic circuitry	X	D	S
	334419	Other electronic component manufacturing	X	11 630	.71
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	3359991	Capacitors for industrial use (except for electronic circuitry)	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	10 714	.65
	9999999	All other products made in this industry	X	22 344	1.36
334415		Electronic resistor manufacturing	642 747	X	100.00
	334210	Telephone apparatus manufacturing	X	D	S
	3342101	Telephone switching and switchboard equipment	X	D	S
	334415	Electronic resistor manufacturing	X	507 623	78.98
	3344150	Resistors for electronic circuitry	X	507 623	78.98
	334419	Other electronic component manufacturing	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	110 547	17.20
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	110 547	17.20
	999999	All other products made in this industry	X	8 465	1.32
	9999999	All other products made in this industry	X	11 029	1.72
334416		Electronic coil, transformer, and other inductor manufacturing	1 171 426	X	100.00
	334416	Electronic coil, transformer, and other inductor manufacturing	X	1 020 958	87.16
	3344160	Electronic coils, transformers, and other inductors	X	1 020 958	87.16
	335314	Relay and industrial control manufacturing	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	3359993	Rectifying apparatus	X	12 340	1.05
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	108 012	9.22
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	108 012	9.22
	999999	All other products made in this industry	X	24 559	2.10
	9999999	All other products made in this industry	X	30 116	2.57
334417		Electronic connector manufacturing	3 619 677	X	100.00
	3344120	Bare printed circuit board manufacturing	X	D	S
	334417	Bare printed circuit boards	X	D	S
	3344171	Electronic connector manufacturing	X	3 281 386	90.65
	3344171	Coaxial (RF) connectors for electronic circuitry	X	398 580	11.01
	3344174	Cylindrical connectors for electronic circuitry	X	507 553	14.02
	3344177	Rack and panel (rectangular) connectors for electronic circuitry	X	234 474	6.48
	334417A	Printed circuit connectors for electronic circuitry	X	676 272	18.68
	334417D	Other connectors for electronic circuitry, including parts	X	1 246 451	34.44
	334417W	Electronic connector manufacturing, nsk, total	X	218 056	6.02
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	20 557	.57
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	20 557	.57
	334419	Other electronic component manufacturing	X	101 666	2.81
	3344197	Switches, mechanical, for electronic circuitry	X	14 310	.40
	334419E	All other miscellaneous electronic components	X	83 965	2.32
	335929	Other communication and energy wire manufacturing	X	D	S
	335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	X	D	S
	335931	Current-carrying wiring device manufacturing	X	D	S
	335931B	Current-carrying wire connectors for electrical circuitry	X	D	S
	335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	D	S
	930000	Receipts for work done for others on their materials	X	9 470	.26
	9300000	Receipts for work done for others on their materials	X	9 470	.26
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	92 538	2.56
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	92 538	2.56
	999999	All other products made in this industry	X	27 109	.75
	9999999	All other products made in this industry	X	30 931	.85
334418		Printed circuit assembly (electronic assembly) manufacturing	23 358 200	X	100.00
	333132	Oil and gas field machinery and equipment manufacturing	X	D	S
	3331323	Other oil and gas field drilling machinery and equipment	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334418		Printed circuit assembly (electronic assembly) manufacturing—Con.			
	333313	Office machinery manufacturing	X	D	S
	333314	Optical instrument and lens manufacturing	X	D	S
	3333141	Sighting, tracking, and fire-control equipment, optical-type	X	D	S
	334111	Electronic computer manufacturing	X	D	S
	3341111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers)	X	D	S
	334111D	Other computers (array, analog, hybrid, and special-use computers)	X	D	S
	334112	Computer storage device manufacturing	X	D	S
	3341121	Computer storage devices (except parts, attachments, and accessories)	X	D	S
	3341124	Parts, attachments, and accessories for computer storage devices	X	D	S
	334210	Telephone apparatus manufacturing	X	29 313	.13
	3342107	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines	X	27 248	.12
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	82 305	.35
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S
	3342202	Broadcast, studio, and related electronic equipment	X	D	S
	334290	Other communications equipment manufacturing	X	D	S
	334310	Audio and video equipment manufacturing	X	D	S
	3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	X	D	S
	334412	Bare printed circuit board manufacturing	X	D	S
	3344120	Bare printed circuit boards	X	D	S
	334413	Semiconductor and related device manufacturing	X	13 238	.06
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	12 894	.06
	334414	Electronic capacitor manufacturing	X	D	S
	3344140	Capacitors for electronic circuitry	X	D	S
	334417	Electronic connector manufacturing	X	8 809	.04
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	20 527 181	87.88
	3344184	External modems, consumer	X	391 502	1.68
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	18 863 604	80.76
	334418W	Printed circuit assembly (electronic assembly) manufacturing, nsk, total	X	1 272 075	5.45
	334419	Other electronic component manufacturing	X	349 130	1.49
	3344191	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters)	X	D	S
	334419E	All other miscellaneous electronic components	X	331 998	1.42
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	D	S
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	21 232	.09
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	D	S
	334519	Other measuring and controlling device manufacturing	X	D	S
	3345192	Aircraft engine instruments, except flight	X	D	S
	334611	Software reproducing	X	D	S
	3346110	Software reproducing	X	D	S
	335314	Relay and industrial control manufacturing	X	15 933	.07
	3353146	General-purpose industrial controls	X	10 379	.04
	335929	Other communication and energy wire manufacturing	X	10 592	.05
	335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	X	10 592	.05
	335999	All other miscellaneous electrical equipment and component manufacturing	X	8 189	.04
	336312	Gasoline engine and engine parts manufacturing	X	D	S
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	930000	Receipts for work done for others on their materials	X	136 724	.59
	9300000	Receipts for work done for others on their materials	X	136 724	.59
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	130 062	.56
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	130 062	.56
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	415 330	1.78
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	415 330	1.78
	999999	All other products made in this industry	X	33 082	.14
	9999999	All other products made in this industry	X	86 329	.37
334419		Other electronic component manufacturing	9 645 953	X	100.00
	323113	Commercial screen printing	X	D	S
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	D	S
	326199	All other plastics product manufacturing	X	7 047	.07
	332116	Metal stamping	X	D	S
	3321161	Job stampings, except automotive	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	73 158	.76
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	69 304	.72
	334411	Electron tube manufacturing	X	D	S
	334412	Bare printed circuit board manufacturing	X	26 540	.28
	3344120	Bare printed circuit boards	X	26 540	.28
	334413	Semiconductor and related device manufacturing	X	74 033	.77
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	58 828	.61
	334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	X	10 342	.11
	334415	Electronic resistor manufacturing	X	19 097	.20
	3344150	Resistors for electronic circuitry	X	19 097	.20
	334416	Electronic coil, transformer, and other inductor manufacturing	X	28 892	.30

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334419		Other electronic component manufacturing—Con.			
	334416	Electronic coil, transformer, and other inductor manufacturing—Con.			
	3344160	Electronic coils, transformers, and other inductors	X	28 892	.30
	334417	Electronic connector manufacturing	X	49 455	.51
	3344174	Cylindrical connectors for electronic circuitry	X	19 121	.20
	3344177	Rack and panel (rectangular) connectors for electronic circuitry	X	D	S
	334417D	Other connectors for electronic circuitry, including parts	X	10 899	.11
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	112 079	1.16
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	111 036	1.15
	334419	Other electronic component manufacturing	X	8 355 778	86.62
	3344191	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters)	X	725 429	7.52
	3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers	X	1 040 409	10.79
	3344197	Switches, mechanical, for electronic circuitry	X	640 696	6.64
	334419A	Microwave components and devices, except antennae, tubes, and semiconductors	X	1 259 114	13.05
	334419E	All other miscellaneous electronic components	X	3 357 248	34.80
	334419W	Other electronic component manufacturing, nsk, total	X	1 332 882	13.82
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	12 637	.13
	3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	30 578	.32
	3345130	Process control instruments	X	30 578	.32
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S
	3345145	Motor vehicle instruments	X	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	18 529	.19
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	15 774	.16
	334519	Other measuring and controlling device manufacturing	X	8 654	.09
	3345192	Aircraft engine instruments, except flight	X	D	S
	335313	Switchgear and switchboard apparatus manufacturing	X	19 107	.20
	3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	X	D	S
	3353139	Duct, including plug-in units and accessories, 1000 volts or less	X	D	S
	335314	Relay and industrial control manufacturing	X	D	S
	3353141	Relays for electronic circuitry, industrial control overload, and switchgear type	X	D	S
	335929	Other communication and energy wire manufacturing	X	D	S
	335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	12 418	.13
	3359993	Rectifying apparatus	X	12 170	.13
	339111	Laboratory apparatus and furniture manufacturing	X	D	S
	3391118	Laboratory apparatus and furniture	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	5 138	.05
	930000	Receipts for work done for others on their materials	X	85 293	.88
	9300000	Receipts for work done for others on their materials	X	85 293	.88
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	118 546	1.23
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	118 546	1.23
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	441 549	4.58
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	441 549	4.58
	999999	All other products made in this industry	X	54 412	.56
	9999999	All other products made in this industry	X	109 424	1.13
334510		Electromedical and electrotherapeutic apparatus manufacturing	15 932 139	X	100.00
	325413	In-vitro diagnostic substances manufacturing	X	D	S
	3254130	In-vitro diagnostic substances	X	D	S
	333314	Optical instrument and lens manufacturing	X	D	S
	3333141	Sighting, tracking, and fire-control equipment, optical-type	X	D	S
	333992	Welding and soldering equipment manufacturing	X	D	S
	333992A	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment)	X	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	14 644 747	91.92
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	13 196 213	82.83
	3345103	Electronic hearing aids, complete units	X	832 428	5.22
	334510W	Electromedical and electrotherapeutic apparatus manufacturing, nsk, total	X	616 106	3.87
	334516	Analytical laboratory instrument manufacturing	X	D	S
	3345160	Analytical and scientific instruments, except optical	X	D	S
	334517	Irradiation apparatus manufacturing	X	D	S
	3345170	Irradiation (ionizing radiation) equipment	X	D	S
	339111	Laboratory apparatus and furniture manufacturing	X	11 288	.07
	3391118	Laboratory apparatus and furniture	X	11 288	.07
	339112	Surgical and medical instrument manufacturing	X	297 371	1.87
	3391120	Surgical and medical instruments	X	297 371	1.87
	339113	Surgical appliance and supplies manufacturing	X	40 216	.25
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	38 845	.24
	930000	Receipts for work done for others on their materials	X	14 263	.09
	9300000	Receipts for work done for others on their materials	X	14 263	.09
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 667	1.12
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 667	1.12
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	552 687	3.47
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	552 687	3.47
	999999	All other products made in this industry	X	19 705	.12
	9999999	All other products made in this industry	X	21 076	.13

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334511		Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	32 227 027	X	100.00
	321991	Manufactured home (mobile home) manufacturing	X	D	S
	3219915	Nonresidential mobile buildings	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S
	332912	Fluid power valve and hose fitting manufacturing	X	D	S
	332912F	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	X	D	S
	333314	Optical instrument and lens manufacturing	X	71 767	.22
	3333141	Sighting, tracking, and fire-control equipment, optical-type	X	D	S
	3333143	All other miscellaneous optical instruments and lenses	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits	X	D	S
	334210	Telephone apparatus manufacturing	X	39 926	.12
	3342101	Telephone switching and switchboard equipment	X	D	S
	3342104	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	479 371	1.49
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	479 371	1.49
	334412	Bare printed circuit board manufacturing	X	68 721	.21
	3344120	Bare printed circuit boards	X	68 721	.21
	334413	Semiconductor and related device manufacturing	X	165 359	.51
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	D	S
	334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
	334419	Other electronic component manufacturing	X	116 547	.36
	3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers	X	D	S
	334419E	All other miscellaneous electronic components	X	46 288	.14
	334419W	Other electronic component manufacturing, nsk, total	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	28 449 884	88.28
	3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	2 432 465	7.55
	3345113	Search, detection, navigation, and guidance systems and equipment	X	25 170 049	78.10
	334511W	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk, total	X	847 370	2.63
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S
	3345130	Process control instruments	X	D	S
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S
	3345145	Motor vehicle instruments	X	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	299 990	.93
	3345151	Electrical integrating instruments	X	D	S
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	281 356	.87
	334516	Analytical laboratory instrument manufacturing	X	D	S
	3345160	Analytical and scientific instruments, except optical	X	D	S
	334519	Other measuring and controlling device manufacturing	X	229 844	.71
	3345192	Aircraft engine instruments, except flight	X	62 071	.19
	3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	X	166 075	.52
	335312	Motor and generator manufacturing	X	D	S
	335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	68 413	.21
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	66 746	.21
	336411	Aircraft manufacturing	X	D	S
	3364112	Military aircraft (including all aircraft for U.S. military and any other aircraft built to military specifications)	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	29 172	.09
	3364131	Aircraft propellers and helicopter rotors	X	D	S
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	336414	Guided missile and space vehicle manufacturing	X	D	S
	3364141	Complete guided missiles	X	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	D	S
	3364151	Complete missiles, space vehicle engines, and propulsion units	X	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	X	D	S
	3364191	Missile and space vehicle components, parts, and subassemblies	X	D	S
	3364193	Research and development on missile and space vehicle parts and components	X	D	S
	339112	Surgical and medical instrument manufacturing	X	D	S
	3391120	Surgical and medical instruments	X	D	S
	930000	Receipts for work done for others on their materials	X	100 484	.31
	9300000	Receipts for work done for others on their materials	X	100 484	.31
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	724 834	2.25
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	724 834	2.25
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	552 244	1.71
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	552 244	1.71
	999999	All other products made in this industry	X	24 967	.08

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334511		Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing—Con.			
	999999	All other products made in this industry—Con.			
	9999999	All other products made in this industry	X	37 721	.12
334512		Automatic environmental control manufacturing for residential, commercial, and appliance use	3 168 544	X	100.00
	332911	Industrial valve manufacturing	X	108 987	3.44
	332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	D	S
	332911H	Solenoid-operated valves and parts, except nuclear and fluid power transfer ..	X	D	S
	333314	Optical instrument and lens manufacturing	X	D	S
	3333141	Sighting, tracking, and fire-control equipment, optical-type	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	2 555 122	80.64
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	2 555 122	80.64
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	20 279	.64
	3345130	Process control instruments	X	20 279	.64
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S
	3345143	Counting devices, excluding motor vehicle instruments	X	D	S
	334516	Analytical laboratory instrument manufacturing	X	D	S
	3345160	Analytical and scientific instruments, except optical	X	D	S
	334519	Other measuring and controlling device manufacturing	X	D	S
	3345192	Aircraft engine instruments, except flight	X	D	S
	335314	Relay and industrial control manufacturing	X	10 407	.33
	3353147	Parts for industrial controls and motor-control accessories	X	D	S
	336312	Gasoline engine and engine parts manufacturing	X	D	S
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	339111	Laboratory apparatus and furniture manufacturing	X	D	S
	3391118	Laboratory apparatus and furniture	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 039	.63
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	20 039	.63
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	320 137	10.10
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	320 137	10.10
	999999	All other products made in this industry	X	20 050	.63
	9999999	All other products made in this industry	X	30 649	.97
334513		Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	7 033 461	X	100.00
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	D	S
	333912	Air and gas compressor manufacturing	X	D	S
	3339121	Air and gas compressors and vacuum pumps	X	D	S
	333992	Welding and soldering equipment manufacturing	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
	334419	Other electronic component manufacturing	X	19 087	.27
	3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	16 342	.23
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	16 342	.23
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	5 988 057	85.14
	3345130	Process control instruments	X	5 988 057	85.14
	334514	Totalizing fluid meter and counting device manufacturing	X	26 405	.38
	3345141	Integrating and totalizing meters for gas and liquids	X	10 141	.14
	3345143	Counting devices, excluding motor vehicle instruments	X	11 846	.17
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	D	S
	3345151	Electrical integrating instruments	X	D	S
	3345155	Other instruments to measure electricity	X	D	S
	334516	Analytical laboratory instrument manufacturing	X	76 094	1.08
	3345160	Analytical and scientific instruments, except optical	X	76 094	1.08
	334519	Other measuring and controlling device manufacturing	X	68 689	.98
	3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	53 790	.76
	3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	X	11 029	.16
	335313	Switchgear and switchboard apparatus manufacturing	X	9 499	.14
	3353131	Power circuit breakers, all voltages	X	D	S
	335314	Relay and industrial control manufacturing	X	85 385	1.21
	3353143	Specific-purpose industrial controls	X	D	S
	3353146	General-purpose industrial controls	X	D	S
	3353147	Parts for industrial controls and motor-control accessories	X	7 579	.11
	339111	Laboratory apparatus and furniture manufacturing	X	8 597	.12
	3391118	Laboratory apparatus and furniture	X	8 597	.12
	930000	Receipts for work done for others on their materials	X	22 401	.32
	9300000	Receipts for work done for others on their materials	X	22 401	.32

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334513		Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables—Con.			
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	125 877	1.79
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	125 877	1.79
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	453 949	6.45
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	453 949	6.45
	999999	All other products made in this industry	X	41 582	.59
	9999999	All other products made in this industry	X	62 661	.89
334514		Totalizing fluid meter and counting device manufacturing	4 821 321	X	100.00
	332911	Industrial valve manufacturing	X	19 314	.40
	332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	19 314	.40
	334419	Other electronic component manufacturing	X	D	S
	3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	334514	Totalizing fluid meter and counting device manufacturing	X	4 653 025	96.51
	3345141	Integrating and totalizing meters for gas and liquids	X	1 352 777	28.06
	3345143	Counting devices, excluding motor vehicle instruments	X	405 868	8.42
	3345145	Motor vehicle instruments	X	2 651 322	54.99
	334514W	Totalizing fluid meter and counting device manufacturing, nsk, total	X	243 058	5.04
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	22 664	.47
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	D	S
	3345155	Other instruments to measure electricity	X	D	S
	930000	Receipts for work done for others on their materials	X	5 894	.12
	9300000	Receipts for work done for others on their materials	X	5 894	.12
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 546	.34
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 546	.34
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	63 719	1.32
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	63 719	1.32
	999999	All other products made in this industry	X	9 405	.20
	9999999	All other products made in this industry	X	12 782	.27
334515		Instrument manufacturing for measuring and testing electricity and electrical signals	10 060 484	X	100.00
	334111	Electronic computer manufacturing	X	D	S
	334111D	Other computers (array, analog, hybrid, and special-use computers)	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S
	334413	Semiconductor and related device manufacturing	X	D	S
	334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	X	D	S
	334416	Electronic coil, transformer, and other inductor manufacturing	X	D	S
	3344160	Electronic coils, transformers, and other inductors	X	D	S
	334417	Electronic connector manufacturing	X	5 483	.05
	334417D	Other connectors for electronic circuitry, including parts	X	5 392	.05
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
	334419	Other electronic component manufacturing	X	5 171	.05
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	72 113	.72
	3345130	Process control instruments	X	72 113	.72
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	8 997 697	89.44
	3345151	Electrical integrating instruments	X	636 242	6.32
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	7 418 194	73.74
	3345155	Other instruments to measure electricity	X	278 653	2.77
	334515W	Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, total	X	664 608	6.61
	334516	Analytical laboratory instrument manufacturing	X	D	S
	3345160	Analytical and scientific instruments, except optical	X	D	S
	334519	Other measuring and controlling device manufacturing	X	41 661	.41
	3345192	Aircraft engine instruments, except flight	X	D	S
	3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	D	S
	3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	X	D	S
	335931	Current-carrying wiring device manufacturing	X	D	S
	930000	Receipts for work done for others on their materials	X	36 852	.37
	9300000	Receipts for work done for others on their materials	X	36 852	.37
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	228 332	2.27
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	228 332	2.27
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	334 387	3.32
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	334 387	3.32
	999999	All other products made in this industry	X	35 126	.35
	9999999	All other products made in this industry	X	57 638	.57

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
334516		Analytical laboratory instrument manufacturing	8 323 446	X	100.00	
	325199	All other basic organic chemical manufacturing	X	72 588	.87	
	325199A	Reagent and high-purity grades of organic chemicals refined from purchased technical grades	X	D	S	
	325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	X	D	S	
	325413	In-vitro diagnostic substances manufacturing	X	D	S	
	3254130	In-vitro diagnostic substances	X	D	S	
	325620	Toilet preparation manufacturing	X	D	S	
	325620G	Other cosmetics and toilet preparations	X	D	S	
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S	
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S	
	333314	Optical instrument and lens manufacturing	X	64 717	.78	
	3333143	All other miscellaneous optical instruments and lenses	X	64 687	.78	
	334419	Other electronic component manufacturing	X	D	S	
	334419A	Microwave components and devices, except antennae, tubes, and semiconductors	X	D	S	
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S	
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S	
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	105 491	1.27	
	3345130	Process control instruments	X	105 491	1.27	
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	7 891	.09	
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	D	S	
	334516	Analytical laboratory instrument manufacturing	X	6 567 990	78.91	
	3345160	Analytical and scientific instruments, except optical	X	6 567 990	78.91	
	334519	Other measuring and controlling device manufacturing	X	D	S	
	3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	D	S	
	3345195	Nuclear radiation detection and monitoring instruments	X	D	S	
	3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	X	D	S	
	334611	Software reproducing	X	D	S	
	3346110	Software reproducing	X	D	S	
	335911	Storage battery manufacturing	X	D	S	
	3359114	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m))	X	D	S	
	339111	Laboratory apparatus and furniture manufacturing	X	72 011	.87	
	3391118	Laboratory apparatus and furniture	X	72 011	.87	
	339113	Surgical appliance and supplies manufacturing	X	D	S	
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	D	S	
	930000	Receipts for work done for others on their materials	X	18 345	.22	
	9300000	Receipts for work done for others on their materials	X	18 345	.22	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	256 909	3.09	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	256 909	3.09	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	704 920	8.47	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	704 920	8.47	
	999999	All other products made in this industry	X	22 874	.27	
	9999999	All other products made in this industry	X	25 755	.31	
	334517		Irradiation apparatus manufacturing	4 736 157	X	100.00
		334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
		334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
334510		Electromedical and electrotherapeutic apparatus manufacturing	X	D	S	
3345101		Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S	
334517		Irradiation apparatus manufacturing	X	4 237 835	89.48	
3345170		Irradiation (ionizing radiation) equipment	X	4 237 835	89.48	
339112		Surgical and medical instrument manufacturing	X	46 524	.98	
3391120		Surgical and medical instruments	X	46 524	.98	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 110	3.76	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	178 110	3.76	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	241 344	5.10	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	241 344	5.10	
999999		All other products made in this industry	X	13 307	.28	
9999999		All other products made in this industry	X	13 307	.28	
334518			Watch, clock, and part manufacturing	699 134	X	100.00
		323119	Other commercial printing	X	D	S
		3231193	Label and wrapper printing (letterpress)	X	D	S
	334518	Watch, clock, and part manufacturing	X	D	S	
	3345182	Watches, watchcases, movements, and modules (including watch parts)	X	D	S	
	3345184	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)	X	489 477	70.01	
	334518W	Watch, clock, and part manufacturing, nsk, total	X	16 689	2.39	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	74 487	10.65	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	74 487	10.65	
	999999	All other products made in this industry	X	12 734	1.82	
	9999999	All other products made in this industry	X	12 734	1.82	
334519		Other measuring and controlling device manufacturing	5 936 381	X	100.00	
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S	
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
334519	332911	Other measuring and controlling device manufacturing—Con.				
	332911F	Industrial valve manufacturing	X	D	S	
	332993	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	X	D	S	
	3329931	Ammunition (except small arms) manufacturing	X	D	S	
	333120	Artillery ammunition (more than 30 mm, more than 1.18 in.)	X	D	S	
	3331208	Construction machinery manufacturing	X	D	S	
	333298	Other construction machinery and equipment (excluding parts)	X	D	S	
	3332985	All other industrial machinery manufacturing	X	D	S	
	333314	Printed circuit board manufacturing machinery, except testing	X	D	S	
	3333141	Optical instrument and lens manufacturing	X	21 073	.35	
	3333143	Sighting, tracking, and fire-control equipment, optical-type	X	D	S	
	334220	All other miscellaneous optical instruments and lenses	X	D	S	
	3342201	Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S	
	334414	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S	
	3344140	Electronic capacitor manufacturing	X	D	S	
	334419	Capacitors for electronic circuitry	X	D	S	
	3344194	Other electronic component manufacturing	X	8 275	.14	
	334511	All other miscellaneous transducers, including electrical-electronic input/output transducers	X	5 785	.10	
	3345111	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	292 124	4.92	
	3345113	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	136 579	2.30	
	3345113	Search, detection, navigation, and guidance systems and equipment	X	155 545	2.62	
	3345130	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	37 406	.63	
	334514	Process control instruments	X	37 406	.63	
	3345145	Totalizing fluid meter and counting device manufacturing	X	12 035	.20	
	334515	Motor vehicle instruments	X	6 534	.11	
	3345153	Instrument manufacturing for measuring and testing electricity and electrical signals	X	22 480	.38	
	3345155	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	11 595	.20	
	334516	Other instruments to measure electricity	X	9 260	.16	
	3345160	Analytical laboratory instrument manufacturing	X	50 493	.85	
	334519	Analytical and scientific instruments, except optical	X	50 493	.85	
	3345192	Other measuring and controlling device manufacturing	X	4 645 731	78.26	
	3345194	Aircraft engine instruments, except flight	X	703 663	11.85	
	3345195	Physical properties testing and inspection equipment and kinematic testing and measuring equipment	X	1 577 920	26.58	
	3345197	Nuclear radiation detection and monitoring instruments	X	499 389	8.41	
	3345199	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	X	1 203 142	20.27	
	334519W	Survey and drafting instruments and apparatus, including photogrammetric equipment	X	264 876	4.46	
	335314	Other measuring and controlling device manufacturing, nsk, total	X	396 741	6.68	
	3353146	Relay and industrial control manufacturing	X	D	S	
	339111	General-purpose industrial controls	X	D	S	
	3391118	Laboratory apparatus and furniture manufacturing	X	29 863	.50	
	930000	Laboratory apparatus and furniture	X	29 863	.50	
	9300000	Receipts for work done for others on their materials	X	6 707	.11	
	999800	Receipts for work done for others on their materials	X	6 707	.11	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	226 907	3.82	
	999890	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	226 907	3.82	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	436 056	7.35	
	999999	Sales of products bought and sold without further manufacture, processing, or assembly	X	436 056	7.35	
	9999999	All other products made in this industry	X	46 972	.79	
	9999999	All other products made in this industry	X	62 606	1.05	
	334611	323117	Software reproducing	460 089	X	100.00
		3231173	Books printing	X	D	S
		334611	Technical, scientific, and professional book printing and binding	X	D	S
		3346110	Software reproducing	X	D	S
		3346110	Software reproducing	X	D	S
		930000	Receipts for work done for others on their materials	X	8 215	1.79
9300000		Receipts for work done for others on their materials	X	8 215	1.79	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 596	1.43	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 596	1.43	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	33 290	7.24	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	33 290	7.24	
999999		All other products made in this industry	X	5 850	1.27	
9999999		All other products made in this industry	X	5 850	1.27	
334612		323110	Prerecorded compact disc (except software), tape, and record reproducing	4 500 427	X	100.00
		323110B	Commercial lithographic printing	X	D	S
	334611	Other commercial and general job printing (lithographic)	X	D	S	
	3346110	Software reproducing	X	76 655	1.70	
	3346110	Software reproducing	X	76 655	1.70	
	334612	Prerecorded compact disc (except software), tape, and record reproducing	X	D	S	
	3346120	Reproduction of recording media	X	D	S	
	334613	Magnetic and optical recording media manufacturing	X	D	S	
	3346130	Magnetic and optical recording media	X	D	S	
	930000	Receipts for work done for others on their materials	X	8 479	.19	
	9300000	Receipts for work done for others on their materials	X	8 479	.19	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	58 889	1.31	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	58 889	1.31	

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Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
334612		Prerecorded compact disc (except software), tape, and record reproducing—Con.			
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	230 495	5.12
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	230 495	5.12
	999999	All other products made in this industry	X	7 306	.16
	9999999	All other products made in this industry	X	9 099	.20
334613		Magnetic and optical recording media manufacturing	2 591 428	X	100.00
	334112	Computer storage device manufacturing	X	D	S
	3341121	Computer storage devices (except parts, attachments, and accessories)	X	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	D	S
	3345151	Electrical integrating instruments	X	D	S
	334612	Prerecorded compact disc (except software), tape, and record reproducing	X	D	S
	3346120	Reproduction of recording media	X	D	S
	334613	Magnetic and optical recording media manufacturing	X	D	S
	3346130	Magnetic and optical recording media	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 669	1.88
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	48 669	1.88
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 216	1.32
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 216	1.32
	999999	All other products made in this industry	X	12 173	.47
	9999999	All other products made in this industry	X	12 173	.47
335110		Electric lamp bulb and part manufacturing	2 615 556	X	100.00
	332116	Metal stamping	X	D	S
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S
	334411	Electron tube manufacturing	X	D	S
	3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt)	X	D	S
	334419	Other electronic component manufacturing	X	D	S
	334419A	Microwave components and devices, except antennae, tubes, and semiconductors	X	D	S
	335110	Electric lamp bulb and part manufacturing	X	D	S
	3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	X	2 129 760	81.43
	3351103	Electric lamp (bulbs and tubes) components (including bases, supports, leads, filaments, etc.), except lamp bulb blanks	X		
	335110W	Electric lamp bulb and part manufacturing, nsk, total	X	8 785	.34
	335311	Power, distribution, and specialty transformer manufacturing	X	D	S
	3353115	Fluorescent lamp ballasts	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	120 793	4.62
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	120 793	4.62
	999999	All other products made in this industry	X	14 018	.54
	9999999	All other products made in this industry	X	14 512	.55
335121		Residential electric lighting fixture manufacturing	2 212 749	X	100.00
	335121	Residential electric lighting fixture manufacturing	X	1 753 436	79.24
	3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories	X	1 075 565	48.61
	3351214	Residential-type portable lighting fixtures, including parts and accessories	X	606 737	27.42
	335121W	Residential electric lighting fixture manufacturing, nsk, total	X	71 134	3.21
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	X	D	S
	3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	X	D	S
	3351222	Industrial-type electric lighting fixtures, including parts and accessories	X	11 659	.53
	335129	Other lighting equipment manufacturing	X	9 434	.43
	3351291	Outdoor lighting equipment (including parts and accessories)	X	8 804	.40
	335311	Power, distribution, and specialty transformer manufacturing	X	D	S
	3353119	Power regulators, boosters, and other transformers and parts for all transformers	X	D	S
	335314	Relay and industrial control manufacturing	X	D	S
	3353143	Specific-purpose industrial controls	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	225 473	10.19
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	225 473	10.19
	999999	All other products made in this industry	X	26 044	1.18
	9999999	All other products made in this industry	X	26 674	1.21
335122		Commercial, industrial, and institutional electric lighting fixture manufacturing	3 751 899	X	100.00
	332114	Custom roll forming	X	D	S
	3321140	Custom roll form products	X	D	S
	332212	Hand and edge tool manufacturing	X	D	S
	3322122	Mechanics' hand service tools	X	D	S
	335121	Residential electric lighting fixture manufacturing	X	111 195	2.96
	3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories	X	105 130	2.80
	3351214	Residential-type portable lighting fixtures, including parts and accessories	X	6 065	.16
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	X	3 332 389	88.82
	3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	X	2 397 557	63.90
	3351222	Industrial-type electric lighting fixtures, including parts and accessories	X	812 541	21.66
	335122W	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, total	X	122 291	3.26
	335129	Other lighting equipment manufacturing	X	54 986	1.47
	3351291	Outdoor lighting equipment (including parts and accessories)	X	38 927	1.04
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	16 059	.43
	335929	Other communication and energy wire manufacturing	X	D	S
	3359291	Power wire and cable, made from nonferrous metals (purchased wire)	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
335122		Commercial, industrial, and institutional electric lighting fixture manufacturing—Con.			
	335931	Current-carrying wiring device manufacturing	X	D	S
	3359319	Current-carrying wire connectors for electrical circuitry	X	D	S
	335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	D	S
	335932	Noncurrent-carrying wiring device manufacturing	X	D	S
	3359323	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X		
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	188 173	5.02
	999999	All other products made in this industry	X	188 173	5.02
	9999999	All other products made in this industry	X	10 051	.27
				11 190	.30
335129		Other lighting equipment manufacturing	3 815 845	X	100.00
	326199	All other plastics product manufacturing	X	D	S
	326199A	All other reinforced and fiberglass plastics products	X	D	S
	332323	Ornamental and architectural metal work manufacturing	X	D	S
	3323239	Other architectural and ornamental work	X	D	S
	332510	Hardware manufacturing	X	D	S
	3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339991	Filters and strainers, except fluid power	X	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	X	D	S
	334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	D	S
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S
	335110	Electric lamp bulb and part manufacturing	X	D	S
	3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	X	D	S
	335121	Residential electric lighting fixture manufacturing	X		
	3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories	X	43 990	1.15
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	X		
	3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	X	39 182	1.03
				288 729	7.57
	3351222	Industrial-type electric lighting fixtures, including parts and accessories	X	63 360	1.66
	335129	Other lighting equipment manufacturing	X	225 369	5.91
	3351291	Outdoor lighting equipment (including parts and accessories)	X	3 066 470	80.36
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	1 615 125	42.33
	335129W	Other lighting equipment manufacturing, nsk, total	X	1 380 663	36.18
	335314	Relay and industrial control manufacturing	X	70 682	1.85
	3353141	Relays for electronic circuitry, industrial control overload, and switchgear type	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	17 691	.46
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	17 050	.45
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X		
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	198 789	5.21
	999999	All other products made in this industry	X	198 789	5.21
	9999999	All other products made in this industry	X	56 048	1.47
				64 767	1.70
335211		Electric housewares and household fan manufacturing	2 354 065	X	100.00
	332214	Kitchen utensil, pot, and pan manufacturing	X	42 496	1.81
	3322141	Stamped and spun utensils, cooking and kitchen, aluminum	X	D	S
	3322143	Stamped and spun utensils, cooking and kitchen, except aluminum	X	D	S
	332321	Metal window and door manufacturing	X	D	S
	3323219	Metal window and door screens (except combination) and metal weather strip	X	D	S
	335211	Electric housewares and household fan manufacturing	X	1 931 348	82.04
	3352111	Electric fans, except industrial type	X	598 263	25.41
	3352114	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	X		
	3352115	Parts and attachments for small household electric appliances	X	1 165 337	49.50
	335211W	Electric housewares and household fan manufacturing, nsk, total	X	58 805	2.50
	335212	Household vacuum cleaner manufacturing	X	108 943	4.63
	3352121	Household vacuum cleaners, upright-stick type, including parts	X	D	S
	339999	All other miscellaneous manufacturing	X	D	S
	339999K	All other miscellaneous fabricated products	X	D	S
	339999W	All other miscellaneous manufacturing, nsk, total	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X		
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	289 488	12.30
	999999	All other products made in this industry	X	289 488	12.30
	9999999	All other products made in this industry	X	25 300	1.07
				25 300	1.07
335212		Household vacuum cleaner manufacturing	2 565 267	X	100.00
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	3333193	Commercial and industrial vacuum cleaners, including parts and attachments	X	D	S
	335212	Household vacuum cleaner manufacturing	X	D	S
	3352121	Household vacuum cleaners, upright-stick type, including parts	X	D	S
	3352122	Floor waxing and floor polishing machines and parts	X	D	S
	335212W	Household vacuum cleaner manufacturing, nsk, total	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X		
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	334 480	13.04
	999999	All other products made in this industry	X	334 480	13.04
	9999999	All other products made in this industry	X	461	.02

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
335212	999999	Household vacuum cleaner manufacturing—Con.			
	999999	All other products made in this industry—Con.			
	999999	All other products made in this industry	X	1 087	.04
335221		Household cooking appliance manufacturing	4 251 053	X	100.00
	325992	Photographic film, paper, plate, and chemical manufacturing	X	D	S
	3259925	Prepared photographic chemicals	X	D	S
	332214	Kitchen utensil, pot, and pan manufacturing	X	D	S
	3322143	Stamped and spun utensils, cooking and kitchen, except aluminum	X	D	S
	333315	Photographic and photocopying equipment manufacturing	X	D	S
	3333153	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc.	X	D	S
	334310	Audio and video equipment manufacturing	X	D	S
	3343102	Television receivers, including combination models	X	D	S
	335221	Household cooking appliance manufacturing	X	3 903 537	91.83
	3352211	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment	X	D	S
	3352213	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories)	X	D	S
	3352215	Other household ranges and cooking equipment	X	D	S
	335221W	Household cooking appliance manufacturing, nsk, total	X	30 289	.71
	335222	Household refrigerator and home freezer manufacturing	X	D	S
	3352221	Household refrigerators, including combination refrigerator-freezers	X	D	S
	335228	Other major household appliance manufacturing	X	D	S
	3352285	All other miscellaneous household appliances	X	D	S
	337124	Metal household furniture manufacturing	X	D	S
	3371248	Other nonupholstered metal household furniture	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	136 372	3.21
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	136 372	3.21
	999999	All other products made in this industry	X	22 741	.53
	9999999	All other products made in this industry	X	27 844	.65
335222		Household refrigerator and home freezer manufacturing	5 491 267	X	100.00
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	3333191	Commercial cooking and food-warming equipment	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	D	S
	3334153	Commercial refrigerators and related equipment	X	D	S
	333415A	Compressors and compressor units, all refrigerants, except automobiles	X	D	S
	333415D	Parts and accessories for air-conditioning and heat transfer equipment	X	D	S
	335222	Household refrigerator and home freezer manufacturing	X	5 258 492	95.76
	3352221	Household refrigerators, including combination refrigerator-freezers	X	D	S
	3352222	Household food freezers, complete units	X	D	S
	3352223	Parts and attachments for household refrigerators and freezers	X	D	S
	335228	Other major household appliance manufacturing	X	D	S
	3352285	All other miscellaneous household appliances	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	8 646	.16
	9999999	All other products made in this industry	X	8 921	.16
335224		Household laundry equipment manufacturing	4 576 269	X	100.00
	333312	Commercial laundry, drycleaning, and pressing machine manufacturing	X	D	S
	3333120	Commercial laundry, drycleaning, and pressing machines	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating	X	D	S
	335224	Household laundry equipment manufacturing	X	4 447 123	97.18
	3352240	Household laundry equipment	X	4 447 123	97.18
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	913	.02
	9999999	All other products made in this industry	X	913	.02
335228		Other major household appliance manufacturing	3 607 802	X	100.00
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	X	D	S
	3334147	Floor and wall furnaces, unit heaters, gas-fired infrared heaters, and mechanical stokers	X	D	S
	333414A	Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating	X	D	S
	333994	Industrial process furnace and oven manufacturing	X	D	S
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	X	D	S
	335221	Household cooking appliance manufacturing	X	D	S
	3352211	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
335228		Other major household appliance manufacturing—Con.			
	335221	Household cooking appliance manufacturing—Con.			
	3352213	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories)	X	D	S
	335224	Household laundry equipment manufacturing	X	D	S
	3352240	Household laundry equipment	X	D	S
	335228	Other major household appliance manufacturing	X	3 258 387	90.32
	3352281	Household water heaters, electric, for permanent installation	X	627 636	17.40
	3352283	Household water heaters, except electric	X	834 845	23.14
	3352285	All other miscellaneous household appliances	X	1 794 704	49.75
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 427	.95
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	34 427	.95
	999999	All other products made in this industry	X	10 561	.29
	9999999	All other products made in this industry	X	14 589	.40
335311		Power, distribution, and specialty transformer manufacturing	4 494 293	X	100.00
	324191	Petroleum lubricating oil and grease manufacturing	X	D	S
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	D	S
	332510	Hardware manufacturing	X	D	S
	3325107	Other transportation equipment hardware (except motor vehicle hardware)	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	335311	Power, distribution, and specialty transformer manufacturing	X	4 159 230	92.54
	3353111	Power and distribution transformers, except parts	X	D	S
	3353113	Specialty transformers, except fluorescent lamp ballast	X	D	S
	3353115	Fluorescent lamp ballasts	X	D	S
	3353117	Commercial, institutional, and industrial general-purpose transformers, all voltages	X	D	S
	3353119	Power regulators, boosters, and other transformers and parts for all transformers	X	474 007	10.55
	335311W	Power, distribution, and specialty transformer manufacturing, nsk, total	X	206 170	4.59
	335313	Switchgear and switchboard apparatus manufacturing	X	10 521	.23
	3353131	Power circuit breakers, all voltages	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	10 325	.23
	3359993	Rectifying apparatus	X	10 325	.23
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	D	S
	3363225	Cranking motors (starters)	X	D	S
	930000	Receipts for work done for others on their materials	X	5 752	.13
	9300000	Receipts for work done for others on their materials	X	5 752	.13
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	47 786	1.06
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	47 786	1.06
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	143 141	3.18
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	143 141	3.18
	999999	All other products made in this industry	X	21 071	.47
	9999999	All other products made in this industry	X	26 235	.58
335312		Motor and generator manufacturing	9 113 410	X	100.00
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	X	D	S
	333412	Industrial and commercial fan and blower manufacturing	X	D	S
	3334120	Industrial and commercial fans and blowers	X	D	S
	333611	Turbine and turbine generator set units manufacturing	X	D	S
	3336110	Turbines, turbine generators, and turbine generator sets (including parts)	X	D	S
	333618	Other engine equipment manufacturing	X	D	S
	3336181	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339991	Filters and strainers, except fluid power	X	D	S
	334419	Other electronic component manufacturing	X	8 896	.10
	334419E	All other miscellaneous electronic components	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S
	3345130	Process control instruments	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351291	Outdoor lighting equipment (including parts and accessories)	X	D	S
	335311	Power, distribution, and specialty transformer manufacturing	X	D	S
	3353113	Specialty transformers, except fluorescent lamp ballast	X	D	S
	335312	Motor and generator manufacturing	X	8 214 381	90.14
	3353121	Fractional horsepower motors (rated at less than 746 watts) (except hermetics)	X	2 814 739	30.89
	3353123	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hermetics)	X	1 610 507	17.67
	3353125	Land transportation motors, generators, and control equipment (except parts)	X	51 674	.57
	3353127	Prime mover generator sets, except steam and hydraulic turbine	X	1 122 176	12.31
	3353129	Fractional motor generator sets and other rotating equipment (including hermetics)	X	837 080	9.19
	335312A	Integral motor generator sets and other rotating equipment (including hermetics)	X	509 795	5.59
	335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs	X	657 062	7.21
	335312E	Armature rewinding on a factory basis	X	68 409	.75
	335312W	Motor and generator manufacturing, nsk, total	X	542 939	5.96
	335313	Switchgear and switchboard apparatus manufacturing	X	34 910	.38
	3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	X	D	S
	335313A	Switchgear, except ducts and relays	X	D	S
	335314	Relay and industrial control manufacturing	X	160 617	1.76

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
335312		Motor and generator manufacturing—Con.				
		Relay and industrial control manufacturing—Con.				
	335314	Relays for electronic circuitry, industrial control overload, and switchgear type	X	D	S	
	3353143	Specific-purpose industrial controls	X	D	S	
	3353146	General-purpose industrial controls	X	91 835	1.01	
	3353147	Parts for industrial controls and motor-control accessories	X	D	S	
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S	
	3359993	Rectifying apparatus	X	D	S	
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	7 593	.08	
	336340	Motor vehicle brake system manufacturing	X	D	S	
	3363401	Motor vehicle brake parts and assemblies, new	X	D	S	
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S	
	3363501	Motor vehicle drive train components, new	X	D	S	
	930000	Receipts for work done for others on their materials	X	28 404	.31	
	9300000	Receipts for work done for others on their materials	X	28 404	.31	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	109 952	1.21	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	109 952	1.21	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	275 115	3.02	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	275 115	3.02	
	999999	All other products made in this industry	X	29 536	.32	
	9999999	All other products made in this industry	X	50 637	.56	
	335313		Switchgear and switchboard apparatus manufacturing	8 166 912	X	100.00
		331210	Iron and steel pipe and tube manufacturing from purchased steel	X	D	S
		3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	D	S
		332311	Prefabricated metal building and component manufacturing	X	D	S
3323111		Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts)	X	D	S	
332912		Fluid power valve and hose fitting manufacturing	X	D	S	
3329125		Nonaerospace type hydraulic directional control valves	X	D	S	
3329129		Nonaerospace type pneumatic directional control valves	X	D	S	
334512		Automatic environmental control manufacturing for residential, commercial, and appliance use	X	48 725	.60	
3345120		Automatic environmental controls for monitoring residential, commercial, and appliance use	X	48 725	.60	
334513		Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S	
3345130		Process control instruments	X	D	S	
335311		Power, distribution, and specialty transformer manufacturing	X	D	S	
335311W		Power, distribution, and specialty transformer manufacturing, nsk, total	X	48 212	.59	
335312		Motor and generator manufacturing	X	16 522	.20	
3353125		Land transportation motors, generators, and control equipment (except parts). Fractional motor generator sets and other rotating equipment (including hermetics)	X	D	S	
335313		Switchgear and switchboard apparatus manufacturing	X	7 130 583	87.31	
3353131		Power circuit breakers, all voltages	X	667 989	8.18	
3353133		Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	X	1 885 606	23.09	
3353135		Fuses and fuse equipment less than 2300 volts (except power distribution cut-outs)	X	470 315	5.76	
3353137		Molded case circuit breakers, 1000 volts or less	X	D	S	
3353139		Duct, including plug-in units and accessories, 1000 volts or less	X	D	S	
335313A		Switchgear, except ducts and relays	X	2 101 017	25.73	
335313W		Switchgear and switchboard apparatus manufacturing, nsk, total	X	504 162	6.17	
335314		Relay and industrial control manufacturing	X	173 323	2.12	
3353141		Relays for electronic circuitry, industrial control overload, and switchgear type	X	25 208	.31	
3353143		Specific-purpose industrial controls	X	17 113	.21	
3353146		General-purpose industrial controls	X	95 225	1.17	
3353147		Parts for industrial controls and motor-control accessories	X	35 777	.44	
335931		Current-carrying wiring device manufacturing	X	30 596	.37	
3359315		Current-carrying switches for electrical circuitry (including vehicular switches)	X	5 820	.07	
3359319		Current-carrying wire connectors for electrical circuitry	X	11 965	.15	
335931B		All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	11 738	.14	
335932		Noncurrent-carrying wiring device manufacturing	X	23 352	.29	
3359321		Noncurrent-carrying pole and transmission line hardware	X	17 215	.21	
3359326		Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.)	X	5 260	.06	
335999		All other miscellaneous electrical equipment and component manufacturing	X	25 369	.31	
335999W		All other miscellaneous electrical equipment and component manufacturing, nsk, total	X	24 531	.30	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	513 707	6.29	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	513 707	6.29	
999999		All other products made in this industry	X	20 702	.25	
9999999	All other products made in this industry	X	27 186	.33		
335314		Relay and industrial control manufacturing	9 998 991	X	100.00	
	332912	Fluid power valve and hose fitting manufacturing	X	D	S	
	3329127	Nonaerospace type hydraulic valves, except directional control	X	D	S	
	334113	Computer terminal manufacturing	X	D	S	
	3341131	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	X	D	S	
	334413	Semiconductor and related device manufacturing	X	D	S	
	3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
335314		Relay and industrial control manufacturing—Con.			
	334419	Other electronic component manufacturing	X	9 707	.10
	3344191	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters)	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	10 763	.11
	3345113	Search, detection, navigation, and guidance systems and equipment	X	10 763	.11
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	169 496	1.70
	3345130	Process control instruments	X	169 496	1.70
	334611	Software reproducing	X	D	S
	3346110	Software reproducing	X	D	S
	335311	Power, distribution, and specialty transformer manufacturing	X	5 953	.06
	335313	Switchgear and switchboard apparatus manufacturing	X	123 829	1.24
	3353131	Power circuit breakers, all voltages	X	D	S
	3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	X	46 316	.46
	3353137	Molded case circuit breakers, 1000 volts or less	X	D	S
	335313A	Switchgear, except ducts and relays	X	40 389	.40
	335314	Relay and industrial control manufacturing	X	7 954 154	79.55
	3353141	Relays for electronic circuitry, industrial control overload, and switchgear type	X	552 976	5.53
	3353143	Specific-purpose industrial controls	X	2 561 209	25.61
	3353146	General-purpose industrial controls	X	3 482 447	34.83
	3353147	Parts for industrial controls and motor-control accessories	X	410 943	4.11
	335314W	Relay and industrial control manufacturing, nsk, total	X	946 579	9.47
	335931	Current-carrying wiring device manufacturing	X	D	S
	3359315	Current-carrying switches for electrical circuitry (including vehicular switches)	X	D	S
	335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	22 874	.23
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336510	Railroad rolling stock manufacturing	X	D	S
	3365101	Locomotives, new and rebuilt (including parts)	X	D	S
	930000	Receipts for work done for others on their materials	X	26 108	.26
	9300000	Receipts for work done for others on their materials	X	26 108	.26
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	150 254	1.50
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	150 254	1.50
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 319 084	13.19
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 319 084	13.19
	999999	All other products made in this industry	X	33 012	.33
	9999999	All other products made in this industry	X	49 203	.49
335911		Storage battery manufacturing	3 517 468	X	100.00
	334413	Semiconductor and related device manufacturing	X	D	S
	334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	X	D	S
	335911	Storage battery manufacturing	X	3 343 207	95.05
	3359111	Storage batteries, lead acid type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller)	X	2 084 427	59.26
	3359114	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m))	X	D	S
	3359117	Storage batteries (except lead acid), including parts for all storage batteries	X	D	S
	335911W	Storage battery manufacturing, nsk, total	X	150 897	4.29
	335912	Primary battery manufacturing	X	D	S
	3359120	Primary batteries	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	25 796	.73
	3359993	Rectifying apparatus	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	335999W	All other miscellaneous electrical equipment and component manufacturing, nsk, total	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	76 930	2.19
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	76 930	2.19
	999999	All other products made in this industry	X	16 628	.47
	9999999	All other products made in this industry	X	16 628	.47
335912		Primary battery manufacturing	2 868 530	X	100.00
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S
	331491D	All other nonferrous metal mill shapes	X	D	S
	332721	Precision turned product manufacturing	X	D	S
	3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	X	D	S
	334414	Electronic capacitor manufacturing	X	D	S
	3344140	Capacitors for electronic circuitry	X	D	S
	335911	Storage battery manufacturing	X	D	S
	3359117	Storage batteries (except lead acid), including parts for all storage batteries	X	D	S
	335912	Primary battery manufacturing	X	2 778 516	96.86
	3359120	Primary batteries	X	2 778 516	96.86
	999999	All other products made in this industry	X	13 464	.47
	9999999	All other products made in this industry	X	14 864	.52
335921		Fiber optic cable manufacturing	1 468 352	X	100.00
	334417	Electronic connector manufacturing	X	D	S
	334417D	Other connectors for electronic circuitry, including parts	X	27 492	1.87
	335921	Fiber optic cable manufacturing	X	1 314 922	89.55
	3359210	Fiber optic cable	X	1 314 922	89.55
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
335921	999890	Fiber optic cable manufacturing—Con. Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	6 404	.44
	9999999	All other products made in this industry	X	10 560	.72
335929		Other communication and energy wire manufacturing	9 897 654	X	100.00
	327215	Glass product manufacturing made of purchased glass	X	D	S
	327215B	Other glass products, made from purchased glass	X	D	S
	327999	All other nonmetallic mineral product manufacturing	X	D	S
	3279990	All other nonmetallic mineral products	X	D	S
	331319	Other aluminum rolling and drawing	X	71 571	.72
	3313192	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	63 705	.64
	331319E	Aluminum insulated wire and cable	X	D	S
	331422	Copper wire (except mechanical) drawing	X	177 757	1.80
	3314222	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire	X	D	S
	3314224	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants	X	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S
	331491W	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, total	X	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S
	3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S
	334417	Electronic connector manufacturing	X	D	S
	3344171	Coaxial (RF) connectors for electronic circuitry	X	D	S
	334419	Other electronic component manufacturing	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	335921	Fiber optic cable manufacturing	X	D	S
	3359210	Fiber optic cable	X	D	S
	335929	Other communication and energy wire manufacturing	X	9 149 243	92.44
	3359291	Power wire and cable, made from nonferrous metals (purchased wire)	X	1 420 559	14.35
	335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	X	2 542 210	25.68
	335929B	Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire)	X	1 307 204	13.21
	335929C	Control and signal wire and cable, made of nonferrous metals (purchased wire)	X	249 388	2.52
	335929D	Building wire and cable, made of nonferrous metals (purchased wire)	X	2 388 552	24.13
	335929E	Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	X	D	S
	335929W	Other communication and energy wire manufacturing, nsk, total	X	D	S
	335932	Noncurrent-carrying wiring device manufacturing	X	D	S
	930000	Receipts for work done for others on their materials	X	16 844	.17
	9300000	Receipts for work done for others on their materials	X	16 844	.17
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	40 297	.41
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	40 297	.41
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	285 898	2.89
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	285 898	2.89
	999999	All other products made in this industry	X	24 038	.24
	9999999	All other products made in this industry	X	37 283	.38
335931		Current-carrying wiring device manufacturing	6 969 417	X	100.00
	322222	Coated and laminated paper manufacturing	X	D	S
	3222225	Pressure-sensitive products	X	D	S
	325211	Plastics material and resin manufacturing	X	D	S
	3252114	Thermosetting resins and plastics materials	X	D	S
	325510	Paint and coating manufacturing	X	D	S
	3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings	X	D	S
	332212	Hand and edge tool manufacturing	X	D	S
	3322122	Mechanics' hand service tools	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	3329999	Flat metal strapping	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	6 616	.09
	3335140	Special dies, tools, jigs, and fixtures	X	6 616	.09
	333992	Welding and soldering equipment manufacturing	X	D	S
	3339927	Resistance welders, components, accessories, and electrodes	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	334290	Other communications equipment manufacturing	X	D	S
	3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments	X	D	S
	334417	Electronic connector manufacturing	X	59 888	.86
	3344177	Rack and panel (rectangular) connectors for electronic circuitry	X	D	S
	334417A	Printed circuit connectors for electronic circuitry	X	D	S
	334417D	Other connectors for electronic circuitry, including parts	X	24 112	.35
	334419	Other electronic component manufacturing	X	D	S
	3344197	Switches, mechanical, for electronic circuitry	X	6 333	.09
	334419E	All other miscellaneous electronic components	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
	334514	Totalizing fluid meter and counting device manufacturing	X	D	S
	3345143	Counting devices, excluding motor vehicle instruments	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
335931		Current-carrying wiring device manufacturing—Con.				
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing . . .	X	9 416	.14	
	3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	X	D	S	
	335129	Other lighting equipment manufacturing	X	D	S	
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	D	S	
	335311	Power, distribution, and specialty transformer manufacturing	X	D	S	
	3353115	Fluorescent lamp ballasts	X	D	S	
	3353119	Power regulators, boosters, and other transformers and parts for all transformers	X	D	S	
	335313	Switchgear and switchboard apparatus manufacturing	X	72 235	1.04	
	335313A	Switchgear, except ducts and relays	X	D	S	
	335314	Relay and industrial control manufacturing	X	73 044	1.05	
	3353141	Relays for electronic circuitry, industrial control overload, and switchgear type	X	23 609	.34	
	3353143	Specific-purpose industrial controls	X	D	S	
	3353146	General-purpose industrial controls	X	D	S	
	335929	Other communication and energy wire manufacturing	X	23 357	.34	
	3359291	Power wire and cable, made from nonferrous metals (purchased wire)	X	D	S	
	335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	X	12 659	.18	
	335931	Current-carrying wiring device manufacturing	X	5 438 136	78.03	
	3359311	Current-carrying lampholders	X	D	S	
	3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	X	265 484	3.81	
	3359315	Current-carrying switches for electrical circuitry (including vehicular switches)	X	2 069 335	29.69	
	3359317	Current-carrying metal contacts, including precious metal	X	D	S	
	3359319	Current-carrying wire connectors for electrical circuitry	X	1 164 915	16.71	
	335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	1 347 528	19.33	
	335931W	Current-carrying wiring device manufacturing, nsk, total	X	247 588	3.55	
	335932	Noncurrent-carrying wiring device manufacturing	X	80 792	1.16	
	3359321	Noncurrent-carrying pole and transmission line hardware	X	D	S	
	3359326	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.)	X	D	S	
	335999	All other miscellaneous electrical equipment and component manufacturing	X	13 693	.20	
	335999E	All other miscellaneous electrical equipment and components (except for industrial use)	X	D	S	
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S	
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	D	S	
	3363229	All other miscellaneous complete engine electrical equipment	X	D	S	
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S	
	3363501	Motor vehicle drive train components, new	X	D	S	
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	D	S	
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	591 883	8.49	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	591 883	8.49	
	999999	All other products made in this industry	X	56 671	.81	
	9999999	All other products made in this industry	X	84 455	1.21	
	335932		Noncurrent-carrying wiring device manufacturing	3 735 008	X	100.00
		326122	Plastics pipe and pipe fitting manufacturing	X	D	S
		331210	Iron and steel pipe and tube manufacturing from purchased steel	X	161 918	4.34
		3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	161 918	4.34
		332212	Hand and edge tool manufacturing	X	40 498	1.08
		3322122	Mechanics' hand service tools	X	40 498	1.08
		332996	Fabricated pipe and pipe fitting manufacturing	X	D	S
3329960		Fabricated pipe and pipe fittings made from purchased pipe	X	D	S	
335122		Commercial, industrial, and institutional electric lighting fixture manufacturing	X	68 352	1.83	
3351222		Industrial-type electric lighting fixtures, including parts and accessories	X	68 352	1.83	
335313		Switchgear and switchboard apparatus manufacturing	X	D	S	
335313A		Switchgear, except ducts and relays	X	D	S	
335314		Relay and industrial control manufacturing	X	D	S	
3353141		Relays for electronic circuitry, industrial control overload, and switchgear type	X	D	S	
335931		Current-carrying wiring device manufacturing	X	155 946	4.18	
3359313		Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	X	D	S	
3359315		Current-carrying switches for electrical circuitry (including vehicular switches)	X	11 541	.31	
3359319		Current-carrying wire connectors for electrical circuitry	X	D	S	
335931B		All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	84 520	2.26	
335932		Noncurrent-carrying wiring device manufacturing	X	3 015 749	80.74	
3359321		Noncurrent-carrying pole and transmission line hardware	X	532 446	14.26	
3359323		Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings	X	1 618 022	43.32	
3359326		Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.)	X	786 449	21.06	
335932W		Noncurrent-carrying wiring device manufacturing, nsk, total	X	78 832	2.11	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 198	.27	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	10 198	.27	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	215 838	5.78	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	215 838	5.78	
999999		All other products made in this industry	X	18 919	.51	
9999999	All other products made in this industry	X	38 563	1.03		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
335991		Carbon and graphite product manufacturing	1 756 242	X	100.00	
	325520	Adhesive manufacturing	X	D	S	
	3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	X	D	S	
	335312	Motor and generator manufacturing	X	D	S	
	335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs	X	D	S	
	335991	Carbon and graphite product manufacturing	X	D	S	
	3359911	Carbon and graphite electrodes for electric furnaces and electrolytic cell use ..	X	740 300	42.15	
	3359913	All other carbon and graphite products	X	D	S	
	335991W	Carbon and graphite product manufacturing, nsk, total	X	73 787	4.20	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	89 121	5.07	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	89 121	5.07	
	999999	All other products made in this industry	X	23 658	1.35	
	9999999	All other products made in this industry	X	23 658	1.35	
	335999		All other miscellaneous electrical equipment and component manufacturing	7 207 212	X	100.00
		333921	Elevator and moving stairway manufacturing	X	D	S
3339211		Elevators and moving stairways	X	D	S	
333992		Welding and soldering equipment manufacturing	X	D	S	
3339921		Arc welding machines, components, and accessories (except electrodes), except stud welding equipment	X	D	S	
334220		Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S	
3342201		Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	X	D	S	
334310		Audio and video equipment manufacturing	X	D	S	
3343104		Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	X	D	S	
334416		Electronic coil, transformer, and other inductor manufacturing	X	D	S	
3344160		Electronic coils, transformers, and other inductors	X	D	S	
334418		Printed circuit assembly (electronic assembly) manufacturing	X	8 528	.12	
334418B		Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	X	D	S	
334419		Other electronic component manufacturing	X	39 987	.55	
334419E		All other miscellaneous electronic components	X	38 353	.53	
335122		Commercial, industrial, and institutional electric lighting fixture manufacturing ..	X	D	S	
3351221		Commercial and institutional-type electric lighting fixtures, including parts and accessories	X	D	S	
335212		Household vacuum cleaner manufacturing	X	D	S	
335312		Motor and generator manufacturing	X	D	S	
335312C		Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs	X	D	S	
335314		Relay and industrial control manufacturing	X	5 727	.08	
335931		Current-carrying wiring device manufacturing	X	D	S	
335931B		All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	D	S	
335999		All other miscellaneous electrical equipment and component manufacturing	X	6 405 124	88.87	
3359991		Capacitors for industrial use (except for electronic circuitry)	X	274 974	3.82	
3359993		Rectifying apparatus	X	1 728 921	23.99	
3359996		Other electrical equipment for industrial use (except for electronic circuitry) ...	X	418 561	5.81	
3359997		Laser generator power supplies and components	X	900 995	12.50	
3359999		All other laser systems and equipment	X	D	S	
335999A		Ultrasonic equipment (except medical and dental)	X	224 773	3.12	
335999B		Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire	X	D	S	
335999E		All other miscellaneous electrical equipment and components (except for industrial use)	X	154 958	2.15	
335999F		All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	855 612	11.87	
335999W		All other miscellaneous electrical equipment and component manufacturing, nsk, total	X	1 318 578	18.30	
339920		Sporting and athletic goods manufacturing	X	D	S	
339920A		Other sporting and athletic goods	X	D	S	
930000		Receipts for work done for others on their materials	X	53 973	.75	
9300000		Receipts for work done for others on their materials	X	53 973	.75	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	68 596	.95	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	68 596	.95	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	418 883	5.81	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	418 883	5.81	
999999		All other products made in this industry	X	72 979	1.01	
9999999		All other products made in this industry	X	95 266	1.32	
336111			Automobile manufacturing	88 107 606	X	100.00
		336111	Automobile manufacturing	X	82 007 162	93.08
		3361110	Automobile manufacturing	X	82 007 162	93.08
		336112	Light truck and utility vehicle manufacturing	X	4 490 121	5.10
		3361120	Light truck and utility vehicle manufacturing	X	4 490 121	5.10
		336312	Gasoline engine and engine parts manufacturing	X	D	S
		3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
		336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S	
	336370	Motor vehicle metal stamping	X	D	S	
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S	
	336399	All other motor vehicle parts manufacturing	X	D	S	
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 961	.01	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	6 961	.01	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336111	999890	Automobile manufacturing—Con. Sales of products bought and sold without further manufacture, processing, or assembly	X	736 612	.84
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	736 612	.84
	999999	All other products made in this industry	X	3 029	—
	9999999	All other products made in this industry	X	3 029	—
336112		Light truck and utility vehicle manufacturing	137 069 632	X	100.00
	336111	Automobile manufacturing	X	D	S
	3361110	Automobile manufacturing	X	D	S
	336112	Light truck and utility vehicle manufacturing	X	130 037 080	94.87
	3361120	Light truck and utility vehicle manufacturing	X	130 037 080	94.87
	336120	Heavy duty truck manufacturing	X	D	S
	3361201	Trucks, truck tractors, and bus chassis (chassis of own manufacture) 14,001 to 33,000 lb	X	D	S
	3361202	Trucks, truck tractors, and bus chassis (chassis of own manufacture) 33,001 lb or more	X	D	S
	336211	Motor vehicle body manufacturing	X	D	S
	3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	X	D	S
	336312	Gasoline engines and engine parts manufacturing	X	D	S
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	336370	Motor vehicle metal stamping	X	D	S
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
	999999	All other products made in this industry	X	3 030	—
	9999999	All other products made in this industry	X	3 030	—
336120		Heavy duty truck manufacturing	16 100 669	X	100.00
	333618	Other engine equipment manufacturing	X	D	S
	3336185	Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses	X	D	S
	336111	Automobile manufacturing	X	D	S
	3361110	Automobile manufacturing	X	D	S
	336112	Light truck and utility vehicle manufacturing	X	D	S
	3361120	Light truck and utility vehicle manufacturing	X	D	S
	336120	Heavy duty truck manufacturing	X	15 458 786	96.01
	3361201	Trucks, truck tractors, and bus chassis (chassis of own manufacture) 14,001 to 33,000 lb	X	D	S
	3361202	Trucks, truck tractors, and bus chassis (chassis of own manufacture) 33,001 lb or more	X	D	S
	3361203	Buses, including military and firefighting vehicles (chassis of own manufacture)	X	D	S
	336120W	Heavy duty truck manufacturing, nsk, total	X	222 310	1.38
	336211	Motor vehicle body manufacturing	X	158 743	.99
	3362112	Bus bodies and truck cabs for sale separately	X	D	S
	3362119	Other trucks, complete, produced on purchased chassis	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	336370	Motor vehicle metal stamping	X	D	S
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S
	336399	All other motor vehicle parts manufacturing	X	20 648	.13
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	20 648	.13
	336510	Railroad rolling stock manufacturing	X	D	S
	3365105	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	300 605	1.87
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	300 605	1.87
	999999	All other products made in this industry	X	9 401	.06
	9999999	All other products made in this industry	X	9 401	.06
336211		Motor vehicle body manufacturing	8 023 502	X	100.00
	332313	Plate work manufacturing	X	D	S
	3323130	Fabricated plate work (stacks and weldments)	X	D	S
	333120	Construction machinery manufacturing	X	20 357	.25
	3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment	X	D	S
	3331208	Other construction machinery and equipment (excluding parts)	X	7 391	.09
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	X	11 174	.14
	3339231	Hoists	X	5 917	.07
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	56 237	.70
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	D	S
	3339243	Parts and attachments for industrial trucks and tractors (sold separately)	X	D	S
	336211	Motor vehicle body manufacturing	X	7 099 085	88.48
	3362112	Bus bodies and truck cabs for sale separately	X	1 303 750	16.25
	3362114	Van bodies for sale separately	X	432 063	5.38
	3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	X	1 517 573	18.91
	3362117	Buses and firefighting vehicles, complete, produced on purchased chassis	X	1 668 881	20.80
	3362119	Other trucks, complete, produced on purchased chassis	X	1 432 428	17.85
	336211W	Motor vehicle body manufacturing, nsk, total	X	744 390	9.28
	336212	Truck trailer manufacturing	X	64 309	.80
	3362121	Truck trailers and chassis, with axle rating of 10,000 lb or more	X	61 425	.77
	336399	All other motor vehicle parts manufacturing	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
336211		Motor vehicle body manufacturing—Con.				
	336399	All other motor vehicle parts manufacturing—Con.				
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	86 981	1.08	
	336399W	All other motor vehicle parts manufacturing, nsk, total	X	24 882	.31	
	336510	Railroad rolling stock manufacturing	X	D	S	
	3365105	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	X	D	S	
	930000	Receipts for work done for others on their materials	X	D	S	
	9300000	Receipts for work done for others on their materials	X	D	S	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	137 410	1.71	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	137 410	1.71	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	383 764	4.78	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	383 764	4.78	
	999999	All other products made in this industry	X	35 585	.44	
	9999999	All other products made in this industry	X	46 878	.58	
336212		Truck trailer manufacturing	3 985 498	X	100.00	
		Farm machinery and equipment manufacturing	X	D	S	
	333111	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeder, and attachments	X	D	S	
	333111E	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeder, and attachments	X	D	S	
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	D	S	
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	D	S	
	336211	Motor vehicle body manufacturing	X	55 009	1.38	
	3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	X	37 327	.94	
	3362119	Other trucks, complete, produced on purchased chassis	X	15 372	.39	
	336212	Truck trailer manufacturing	X	3 723 262	93.42	
	3362121	Truck trailers and chassis, with axle rating of 10,000 lb or more	X	3 245 188	81.42	
	3362123	Truck trailers and chassis, with axle rating of less than 10,000 lb	X	174 260	4.37	
	336212W	Truck trailer manufacturing, nsk, total	X	303 814	7.62	
	336399	All other motor vehicle parts manufacturing	X	D	S	
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	17 504	.44	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 827	1.12	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	44 827	1.12	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	107 936	2.71	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	107 936	2.71	
	999999	All other products made in this industry	X	12 908	.32	
	9999999	All other products made in this industry	X	17 822	.45	
336213		Motor home manufacturing	5 670 656	X	100.00	
		Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S	
	331491	All other nonferrous metal mill shapes	X	D	S	
	331491D	All other nonferrous metal mill shapes	X	D	S	
	336212	Truck trailer manufacturing	X	D	S	
	3362121	Truck trailers and chassis, with axle rating of 10,000 lb or more	X	D	S	
	336213	Motor home manufacturing	X	5 024 735	88.61	
	3362130	Motor homes, produced on purchased chassis	X	5 024 735	88.61	
	336214	Travel trailer and camper manufacturing	X	D	S	
	3362141	Travel trailers	X	327 105	5.77	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	7 014	.12	
	9999999	All other products made in this industry	X	15 451	.27	
	336214		Travel trailer and camper manufacturing	6 684 599	X	100.00
			Fabricated structural metal manufacturing	X	D	S
		332312	Machine shops	X	10 891	.16
332710		Receipts for machine shop job work and job order repairs	X	10 891	.16	
333923		Overhead traveling crane, hoist, and monorail system manufacturing	X	D	S	
3339231		Hoists	X	D	S	
336212		Truck trailer manufacturing	X	D	S	
3362121		Truck trailers and chassis, with axle rating of 10,000 lb or more	X	D	S	
336213		Motor home manufacturing	X	189 254	2.83	
3362130		Motor homes, produced on purchased chassis	X	189 254	2.83	
336214		Travel trailer and camper manufacturing	X	6 305 985	94.34	
3362141		Travel trailers	X	3 102 280	46.41	
3362143		Automobile and light truck trailers	X	1 661 448	24.85	
3362145		Camping trailers, campers, pickup covers, and parts	X	960 976	14.38	
336214W		Travel trailer and camper manufacturing, nsk, total	X	581 281	8.70	
336999		All other transportation equipment manufacturing	X	6 080	.09	
930000		Receipts for work done for others on their materials	X	7 081	.11	
9300000		Receipts for work done for others on their materials	X	7 081	.11	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	29 459	.44	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	29 459	.44	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	83 052	1.24	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	83 052	1.24	
999999		All other products made in this industry	X	27 686	.41	
9999999		All other products made in this industry	X	38 882	.58	
336311		Carburetor, piston, piston ring, and valve manufacturing	2 004 861	X	100.00	
	333618	Other engine equipment manufacturing	X	17 479	.87	
	333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	17 479	.87	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336311		Carburetor, piston, piston ring, and valve manufacturing—Con.			
	333912	Air and gas compressor manufacturing	X	D	S
	3339125	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	1 848 198	92.19
	3363111	Carburetors, new and rebuilt (all types)	X	140 499	7.01
	3363113	Pistons, piston rings, and piston pins (engine)	X	1 235 135	61.61
	3363115	Valves (engine intake and exhaust)	X	393 364	19.62
	336311W	Carburetor, piston, piston ring, and valve manufacturing, nsk, total	X	79 200	3.95
	336312	Gasoline engine and engine parts manufacturing	X	D	S
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	65 139	3.25
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	65 139	3.25
	999999	All other products made in this industry	X	11 214	.56
9999999	All other products made in this industry	X	11 982	.60	
336312		Gasoline engine and engine parts manufacturing	32 503 048	X	100.00
	326211	Tire manufacturing (except retreading)	X	D	S
	326211H	Tread rubber, tire sundries, and repair materials	X	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S
	331491D	All other nonferrous metal mill shapes	X	D	S
	332911	Industrial valve manufacturing	X	D	S
	332911B	All other miscellaneous industrial valves	X	D	S
	332919	Other metal valve and pipe fitting manufacturing	X	D	S
	3329194	Metal fittings, flanges, and unions for piping systems	X	D	S
	333111	Farm machinery and equipment manufacturing	X	D	S
	333111C	Parts for farm machinery, for sale separately	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	26 449	.08
	3335140	Special dies, tools, jigs, and fixtures	X	26 449	.08
	333618	Other engine equipment manufacturing	X	208 745	.64
	333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	205 714	.63
	333912	Air and gas compressor manufacturing	X	D	S
	3339121	Air and gas compressors and vacuum pumps	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	101 279	.31
	3363111	Carburetors, new and rebuilt (all types)	X	D	S
	3363113	Pistons, piston rings, and piston pins (engine)	X	57 104	.18
	336312	Gasoline engine and engine parts manufacturing	X	29 183 351	89.79
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	27 737 423	85.34
	3363123	Gasoline engines and engine parts for motor vehicles, rebuilt	X	546 191	1.68
	336312W	Gasoline engine and engine parts manufacturing, nsk, total	X	899 737	2.77
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	771 398	2.37
	3363223	Battery charging alternators, generators, and regulators	X	D	S
	3363225	Cranking motors (starters)	X	D	S
	3363227	Spark plugs (all types)	X	D	S
	3363229	All other miscellaneous complete engine electrical equipment	X	D	S
	336322A	Parts for engine electrical and electronic equipment	X	D	S
	336322D	Motor vehicle electrical and electronic equipment	X	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	122 219	.38
	3363301	Motor vehicle steering and suspension components, new	X	122 041	.38
	336340	Motor vehicle brake system manufacturing	X	193 825	.60
	3363401	Motor vehicle brake parts and assemblies, new	X	189 977	.58
	336350	Motor vehicle transmission and power train parts manufacturing	X	730 633	2.25
	3363501	Motor vehicle drive train components, new	X	D	S
	3363503	Motor vehicle drive train components, rebuilt	X	D	S
	336399	All other motor vehicle parts manufacturing	X	336 648	1.04
	3363991	Filters for internal combustion engines and motor vehicles, new	X	D	S
	3363993	Exhaust system parts, new	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	276 460	.85
	930000	Receipts for work done for others on their materials	X	6 157	.02
	9300000	Receipts for work done for others on their materials	X	6 157	.02
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	110 410	.34
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	110 410	.34
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	638 883	1.97
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	638 883	1.97
	999999	All other products made in this industry	X	14 314	.04
	9999999	All other products made in this industry	X	26 639	.08
336321		Vehicular lighting equipment manufacturing	3 188 560	X	100.00
	327215	Glass product manufacturing made of purchased glass	X	D	S
	3272159	Mirrors (decorated and undecorated), made from purchased glass	X	D	S
	335110	Electric lamp bulb and part manufacturing	X	D	S
	3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	X	D	S
	335129	Other lighting equipment manufacturing	X	11 644	.37
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	7 644	.24
	335313	Switchgear and switchboard apparatus manufacturing	X	D	S
	3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	X	D	S
	335931	Current-carrying wiring device manufacturing	X	16 116	.51
	335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	X	14 388	.45
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	D	S
	3363111	Carburetors, new and rebuilt (all types)	X	D	S
	336321	Vehicular lighting equipment manufacturing	X	2 563 165	80.39
	3363210	Vehicular lighting equipment	X	2 563 165	80.39

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336321		Vehicular lighting equipment manufacturing—Con.			
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	D	S
	336322D	Motor vehicle electrical and electronic equipment	X	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	D	S
	3363301	Motor vehicle steering and suspension components, new	X	D	S
	336399	All other motor vehicle parts manufacturing	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	81 723	2.56
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	81 723	2.56
	999999	All other products made in this industry	X	20 135	.63
	9999999	All other products made in this industry	X	25 863	.81
	336322		Other motor vehicle electrical and electronic equipment manufacturing	22 667 492	X
326140		Polystyrene foam product manufacturing	X	D	S
3261401		Transportation polystyrene foam products (including seating, dash, and other interior-exterior components)	X	D	S
326199		All other plastics product manufacturing	X	D	S
331521		Aluminum die-casting foundries	X	D	S
3315210		Aluminum die-castings	X	D	S
332510		Hardware manufacturing	X	D	S
3325104		Builders' hardware	X	D	S
333618		Other engine equipment manufacturing	X	D	S
333618F		Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	D	S
333996		Fluid power pump and motor manufacturing	X	D	S
3339967		Aerospace type fluid power pumps and motors	X	D	S
334220		Radio and television broadcasting and wireless communications equipment manufacturing	X	D	S
3342202		Broadcast, studio, and related electronic equipment	X	D	S
334310		Audio and video equipment manufacturing	X	D	S
3343101		Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations	X	D	S
334412		Bare printed circuit board manufacturing	X	D	S
3344120		Bare printed circuit boards	X	D	S
334413		Semiconductor and related device manufacturing	X	D	S
3344131		Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	X	D	S
334417		Electronic connector manufacturing	X	D	S
334417D		Other connectors for electronic circuitry, including parts	X	D	S
334419		Other electronic component manufacturing	X	D	S
3344194		All other miscellaneous transducers, including electrical-electronic input/output transducers	X	D	S
334514		Totalizing fluid meter and counting device manufacturing	X	D	S
3345145		Motor vehicle instruments	X	D	S
335312		Motor and generator manufacturing	X	D	S
3353121		Fractional horsepower motors (rated at less than 746 watts) (except hermetics)	X	D	S
335931		Current-carrying wiring device manufacturing	X	21 217	.69
3359315		Current-carrying switches for electrical circuitry (including vehicular switches)	X	D	S
336312		Gasoline engine and engine parts manufacturing	X	362 575	1.60
3363121		Gasoline engines and gasoline engine parts for motor vehicles, new	X	354 479	1.56
3363123		Gasoline engines and engine parts for motor vehicles, rebuilt	X	8 096	.04
336321		Vehicular lighting equipment manufacturing	X	D	S
336321		Vehicular lighting equipment	X	D	S
336322		Other motor vehicle electrical and electronic equipment manufacturing	X	16 117 086	71.10
3363221		Ignition harness and cable sets	X	D	S
3363223		Battery charging alternators, generators, and regulators	X	D	S
3363225		Cranking motors (starters)	X	1 475 063	6.51
3363227		Spark plugs (all types)	X	D	S
3363229		All other miscellaneous complete engine electrical equipment	X	4 250 314	18.75
336322A		Parts for engine electrical and electronic equipment	X	D	S
336322D		Motor vehicle electrical and electronic equipment	X	5 858 521	25.85
336322W		Other motor vehicle electrical and electronic equipment manufacturing, nsk, total	X	1 055 757	4.66
336330		Motor vehicle steering and suspension component (except spring) manufacturing	X	47 773	.21
3363301		Motor vehicle steering and suspension components, new	X	47 773	.21
336340		Motor vehicle brake system manufacturing	X	38 112	.17
3363401		Motor vehicle brake parts and assemblies, new	X	D	S
3363403		Motor vehicle brake parts and assemblies, rebuilt	X	D	S
336350		Motor vehicle transmission and power train parts manufacturing	X	887 092	3.91
3363501		Motor vehicle drive train components, new	X	883 127	3.90
336370		Motor vehicle metal stamping	X	D	S
3363700		Automotive job stampings (truck, bus, and passenger car)	X	D	S
336391		Motor vehicle air-conditioning manufacturing	X	D	S
3363917		Motor vehicle mechanical air-conditioning systems	X	D	S
336399		All other motor vehicle parts manufacturing	X	237 567	1.05
3363998		All other motor vehicle parts and accessories, new and rebuilt	X	236 688	1.04
930000		Receipts for work done for others on their materials	X	21 075	.09
9300000		Receipts for work done for others on their materials	X	21 075	.09
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 333	.05
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 333	.05
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	2 422 419	10.69
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	2 422 419	10.69	
999999	All other products made in this industry	X	25 373	.11	
9999999	All other products made in this industry	X	42 758	.19	
336330		Motor vehicle steering and suspension component (except spring) manufacturing	10 492 520	X	100.00
	325520	Adhesive manufacturing	X	D	S
	325520W	Adhesive manufacturing, nsk, total	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336330		Motor vehicle steering and suspension component (except spring) manufacturing—Con.			
	331511	Iron foundries	X	D	S
	3315119	Other gray iron castings	X	D	S
	332212	Hand and edge tool manufacturing	X	D	S
	3322122	Mechanics' hand service tools	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	D	S
	3363113	Pistons, piston rings, and piston pins (engine)	X	D	S
	336312	Gasoline engine and engine parts manufacturing	X	47 101	.45
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	47 101	.45
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	D	S
	3363229	All other miscellaneous complete engine electrical equipment	X	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	9 284 352	88.49
	3363301	Motor vehicle steering and suspension components, new	X	9 004 086	85.81
	3363303	Motor vehicle steering and suspension components, rebuilt	X	126 870	1.21
	336330W	Motor vehicle steering and suspension component (except spring) manufacturing, nsk, total	X	153 396	1.46
	336340	Motor vehicle brake system manufacturing	X	160 041	1.53
	3363401	Motor vehicle brake parts and assemblies, new	X	D	S
	3363403	Motor vehicle brake parts and assemblies, rebuilt	X	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	X	D	S
	3363501	Motor vehicle drive train components, new	X	D	S
	336399	All other motor vehicle parts manufacturing	X	143 357	1.37
	3363993	Exhaust system parts, new	X	11 964	.11
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	131 393	1.25
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	81 378	.78
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	81 378	.78
	999999	All other products made in this industry	X	21 081	.20
	9999999	All other products made in this industry	X	26 615	.25
336340		Motor vehicle brake system manufacturing	13 350 927	X	100.00
	332117	Powder metallurgy part manufacturing	X	D	S
	3321170	Powder metallurgy parts	X	D	S
	333618	Other engine equipment manufacturing	X	D	S
	333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	D	S
	3363111	Carburetors, new and rebuilt (all types)	X	D	S
	336312	Gasoline engine and engine parts manufacturing	X	187 941	1.41
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	186 302	1.40
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	17 831	.13
	3363221	Ignition harness and cable sets	X	D	S
	336322D	Motor vehicle electrical and electronic equipment	X	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	237 953	1.78
	3363301	Motor vehicle steering and suspension components, new	X	D	S
	3363303	Motor vehicle steering and suspension components, rebuilt	X	D	S
	336340	Motor vehicle brake system manufacturing	X	11 444 540	85.72
	3363401	Motor vehicle brake parts and assemblies, new	X	10 923 970	81.82
	3363403	Motor vehicle brake parts and assemblies, rebuilt	X	338 408	2.53
	336340W	Motor vehicle brake system manufacturing, nsk, total	X	182 162	1.36
	336350	Motor vehicle transmission and power train parts manufacturing	X	110 721	.83
	3363501	Motor vehicle drive train components, new	X	107 349	.80
	336399	All other motor vehicle parts manufacturing	X	189 930	1.42
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	186 627	1.40
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	D	S
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	906 825	6.79
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	906 825	6.79
	999999	All other products made in this industry	X	13 078	.10
	9999999	All other products made in this industry	X	24 104	.18
336350		Motor vehicle transmission and power train parts manufacturing	35 163 840	X	100.00
	326211	Tire manufacturing (except retreading)	X	D	S
	326211D	Solid and semipneumatic tires	X	D	S
	332721	Precision turned product manufacturing	X	D	S
	332991	Ball and roller bearing manufacturing	X	D	S
	3329915	Other roller bearings, unmounted	X	D	S
	333111	Farm machinery and equipment manufacturing	X	D	S
	333111C	Parts for farm machinery, for sale separately	X	D	S
	333120	Construction machinery manufacturing	X	D	S
	3331209	Parts for construction machinery and equipment, sold separately	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	D	S
	3335140	Special dies, tools, jigs, and fixtures	X	D	S
	333613	Mechanical power transmission equipment manufacturing	X	D	S
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X	D	S
	333618	Other engine equipment manufacturing	X	D	S
	333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	D	S
	3339243	Parts and attachments for industrial trucks and tractors (sold separately)	X	D	S
	333993	Packaging machinery manufacturing	X	D	S
	3339935	Parts for packing, packaging, and bottling machinery	X	D	S
	336211	Motor vehicle body manufacturing	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
336350	336211	Motor vehicle transmission and power train parts manufacturing—Con.				
	3362115	Motor vehicle body manufacturing—Con.				
		Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	X	D	S	
		Carburetor, piston, piston ring, and valve manufacturing	X	D	S	
	336311	Pistons, piston rings, and piston pins (engine)	X	D	S	
	336312	Gasoline engine and engine parts manufacturing	X	313 899	.89	
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	309 498	.88	
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	D	S	
	3363225	Cranking motors (starters)	X	D	S	
	336322D	Motor vehicle electrical and electronic equipment	X	D	S	
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	608 190	1.73	
	3363301	Motor vehicle steering and suspension components, new	X	D	S	
	3363303	Motor vehicle steering and suspension components, rebuilt	X	D	S	
	336340	Motor vehicle brake system manufacturing	X	266 857	.76	
	3363401	Motor vehicle brake parts and assemblies, new	X	D	S	
	3363403	Motor vehicle brake parts and assemblies, rebuilt	X	D	S	
	336350	Motor vehicle transmission and power train parts manufacturing	X	32 677 134	92.93	
	3363501	Motor vehicle drive train components, new	X	31 415 775	89.34	
	3363503	Motor vehicle drive train components, rebuilt	X	865 661	2.46	
	336350W	Motor vehicle transmission and power train parts manufacturing, nsk, total	X	395 698	1.13	
	336391	Motor vehicle air-conditioning manufacturing	X	D	S	
	3363917	Motor vehicle mechanical air-conditioning systems	X	D	S	
	336399	All other motor vehicle parts manufacturing	X	89 681	.26	
	3363995	Motor vehicle wheels, new	X	D	S	
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S	
	930000	Receipts for work done for others on their materials	X	5 506	.02	
	9300000	Receipts for work done for others on their materials	X	5 506	.02	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	90 428	.26	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	90 428	.26	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	403 757	1.15	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	403 757	1.15	
	999999	All other products made in this industry	X	18 783	.05	
	9999999	All other products made in this industry	X	39 858	.11	
	336360		Motor vehicle seating and interior trim manufacturing	17 126 322	X	100.00
		314999	All other miscellaneous textile product mills	X	D	S
		3149997	Other trimmings and findings	X	D	S
		3149998	All other miscellaneous fabricated textile products	X	D	S
		326140	Polystyrene foam product manufacturing	X	18 535	.11
		3261401	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components)	X	18 535	.11
		326199	All other plastics product manufacturing	X	D	S
		3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	D	S
		332612	Spring (light gauge) manufacturing	X	D	S
		3326124	Other wire springs	X	D	S
		332999	All other miscellaneous fabricated metal product manufacturing	X	8 566	.05
		332999H	All other miscellaneous fabricated metal products	X	D	S
334519		Other measuring and controlling device manufacturing	X	D	S	
3345192		Aircraft engine instruments, except flight	X	D	S	
336322		Other motor vehicle electrical and electronic equipment manufacturing	X	D	S	
336322D		Motor vehicle electrical and electronic equipment	X	D	S	
336360		Motor vehicle seating and interior trim manufacturing	X	16 510 008	96.40	
3363601		Automobile trimmings	X	4 395 881	25.67	
3363602		Fabricated seat and safety belts, including shoulder harnesses (except leather)	X	D	S	
3363603		Seats for public conveyance and aircraft	X	9 287 156	54.23	
3363605		Fabricated automobile seat covers and tire covers	X	D	S	
3363607		Metal motor vehicle seat frames	X	D	S	
336360W		Motor vehicle seating and interior trim manufacturing, nsk, total	X	358 566	2.09	
336399		All other motor vehicle parts manufacturing	X	174 010	1.02	
3363998		All other motor vehicle parts and accessories, new and rebuilt	X	174 010	1.02	
337127		Institutional furniture manufacturing	X	D	S	
3371274		Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture	X	D	S	
337214		Office furniture (except wood) manufacturing	X	D	S	
3372141		Nonwood office seating, including upholstered seating	X	D	S	
337214A		Nonwood office furniture panel systems, desk systems, and other nonwood office furniture	X	D	S	
339999		All other miscellaneous manufacturing	X	D	S	
3399991		Hand-portable and fixed-system (except water sprinkler system) fire extinguishing equipment, parts and attachments	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	40 576	.24	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	40 576	.24	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	166 502	.97	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	166 502	.97	
999999		All other products made in this industry	X	42 062	.25	
9999999		All other products made in this industry	X	45 995	.27	
336370			Motor vehicle metal stamping	25 599 749	X	100.00
		326121	Unlaminated plastics profile shape manufacturing	X	D	S
		3261210	Unlaminated plastics profile shapes	X	D	S
		326199	All other plastics product manufacturing	X	9 805	.04
		3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	D	S
		332116	Metal stamping	X	419 423	1.64
		3321161	Job stampings, except automotive	X	D	S
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336370		Motor vehicle metal stamping—Con.			
	332214	Kitchen utensil, pot, and pan manufacturing	X	6 609	.03
	3322143	Stamped and spun utensils, cooking and kitchen, except aluminum	X	D	S
	332710	Machine shops	X	11 275	.04
	3327100	Receipts for machine shop job work and job order repairs	X	11 275	.04
	332721	Precision turned product manufacturing	X	14 232	.06
	3327211	Precision turned products, automotive	X	D	S
	332811	Metal heat treating	X	D	S
	3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	X	D	S
	332919	Other metal valve and pipe fitting manufacturing	X	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
	3329995	Miscellaneous machinery products	X	D	S
	332999H	All other miscellaneous fabricated metal products	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	558 999	2.18
	3335140	Special dies, tools, jigs, and fixtures	X	558 999	2.18
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341194	Parts, subassemblies, and accessories for computer peripheral equipment	X	D	S
	336370	Motor vehicle metal stamping	X	23 771 531	92.86
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	23 771 531	92.86
	336399	All other motor vehicle parts manufacturing	X	39 611	.15
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	39 601	.15
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	287 154	1.12
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	287 154	1.12
	999999	All other products made in this industry	X	30 368	.12
	9999999	All other products made in this industry	X	42 253	.17
336391		Motor vehicle air-conditioning manufacturing	6 756 851	X	100.00
	332322	Sheet metal work manufacturing	X	D	S
	332322G	Other sheet metal work	X	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	23 950	.35
	333415D	Parts and accessories for air-conditioning and heat transfer equipment	X	19 334	.29
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	D	S
	336322D	Motor vehicle electrical and electronic equipment	X	D	S
	336391	Motor vehicle air-conditioning manufacturing	X	4 837 145	71.59
	3363917	Motor vehicle mechanical air-conditioning systems	X	3 103 062	45.92
	336391B	Automotive air-conditioning compressors (open-type, with or without motor)	X	1 717 094	25.41
	336391W	Motor vehicle air-conditioning manufacturing, nsk, total	X	16 989	.25
	336399	All other motor vehicle parts manufacturing	X	1 261 237	18.67
	3363993	Exhaust system parts, new	X	D	S
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 528	.11
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	7 528	.11
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	573 849	8.49
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	573 849	8.49
	999999	All other products made in this industry	X	3 297	.05
	9999999	All other products made in this industry	X	9 339	.14
336399		All other motor vehicle parts manufacturing	35 731 833	X	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998E	Automotive chemicals	X	D	S
	326199	All other plastics product manufacturing	X	11 614	.03
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	7 447	.02
	326220	Rubber and plastics hoses and belting manufacturing	X	D	S
	3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	X	D	S
	326291	Rubber product manufacturing for mechanical use	X	D	S
	326299	All other rubber product manufacturing	X	15 826	.04
	3262993	Rubber floor and wall coverings	X	D	S
	331421	Copper rolling, drawing, and extruding	X	D	S
	3314217	Copper and copper-base alloy sheet, strip, and plate	X	D	S
	332116	Metal stamping	X	D	S
	3321161	Job stampings, except automotive	X	D	S
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S
	332510	Hardware manufacturing	X	14 342	.04
	3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)	X	12 673	.04
	332710	Machine shops	X	6 749	.02
	3327100	Receipts for machine shop job work and job order repairs	X	6 749	.02
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	D	S
	3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	X	D	S
	333415D	Parts and accessories for air-conditioning and heat transfer equipment	X	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	47 576	.13
	3335140	Special dies, tools, jigs, and fixtures	X	47 576	.13
	333618	Other engine equipment manufacturing	X	10 605	.03
	333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	X	10 605	.03
	333912	Air and gas compressor manufacturing	X	D	S
	3339121	Air and gas compressors and vacuum pumps	X	D	S
	333995	Fluid power cylinder and actuator manufacturing	X	D	S
	3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336399		All other motor vehicle parts manufacturing—Con.			
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	X	D	S
	3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	D	S
	335228	Other major household appliance manufacturing	X	D	S
	3352285	All other miscellaneous household appliances	X	D	S
	335313	Switchgear and switchboard apparatus manufacturing	X	D	S
	335313A	Switchgear, except ducts and relays	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	3359993	Rectifying apparatus	X	D	S
	336111	Automobile manufacturing	X	D	S
	3361110	Automobile manufacturing	X	D	S
	336211	Motor vehicle body manufacturing	X	D	S
	3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	X	D	S
	3362119	Other trucks, complete, produced on purchased chassis	X	D	S
	336312	Gasoline engine and engine parts manufacturing	X	68 971	.19
	3363121	Gasoline engines and gasoline engine parts for motor vehicles, new	X	68 946	.19
	336322	Other motor vehicle electrical and electronic equipment manufacturing	X	31 426	.09
	336322D	Motor vehicle electrical and electronic equipment	X	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	X	254 065	.71
	3363301	Motor vehicle steering and suspension components, new	X	254 041	.71
	336340	Motor vehicle brake system manufacturing	X	122 178	.34
	3363401	Motor vehicle brake parts and assemblies, new	X	122 121	.34
	336350	Motor vehicle transmission and power train parts manufacturing	X	126 627	.35
	3363501	Motor vehicle drive train components, new	X	123 779	.35
	336360	Motor vehicle seating and interior trim manufacturing	X	20 515	.06
	3363603	Seats for public conveyance and aircraft	X	D	S
	336370	Motor vehicle metal stamping	X	70 228	.20
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	70 228	.20
	336391	Motor vehicle air-conditioning manufacturing	X	9 126	.03
	336391B	Automotive air-conditioning compressors (open-type, with or without motor)	X	D	S
	336399	All other motor vehicle parts manufacturing	X	33 485 012	93.71
	3363991	Filters for internal combustion engines and motor vehicles, new	X	2 765 169	7.74
	3363993	Exhaust system parts, new	X	7 173 835	20.08
	3363995	Motor vehicle wheels, new	X	2 652 655	7.42
	3363996	Trailer hitches (for travel trailers, automobile trailers, and light duty truck trailers)	X	358 012	1.00
	3363998	All other motor vehicle parts and accessories, new and rebuilt	X	17 729 710	49.62
	336399W	All other motor vehicle parts manufacturing, nsk, total	X	2 805 631	7.85
	336510	Railroad rolling stock manufacturing	X	D	S
	3365105	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	X	D	S
	930000	Receipts for work done for others on their materials	X	40 942	.11
	9300000	Receipts for work done for others on their materials	X	40 942	.11
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	59 275	.17
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	59 275	.17
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	991 397	2.77
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	991 397	2.77
	999999	All other products made in this industry	X	71 301	.20
	9999999	All other products made in this industry	X	106 414	.30
336411		Aircraft manufacturing	64 374 912	X	100.00
	332994	Small arms manufacturing	X	D	S
	3329941	Machine guns (30 mm or less, 1.18 in. or less)	X	D	S
	333298	All other industrial machinery manufacturing	X	D	S
	3332987	All other miscellaneous special industry machinery and equipment	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits	X	D	S
	333611	Turbine and turbine generator set units manufacturing	X	D	S
	3336110	Turbines, turbine generators, and turbine generator sets (including parts)	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336411	Aircraft manufacturing	X	59 088 492	91.79
	3364112	Military aircraft (including all aircraft for U.S. military and any other aircraft built to military specifications)	X	D	S
	3364113	Civilian aircraft	X	34 795 479	54.05
	3364115	Modification, conversion, and overhaul of previously accepted aircraft	X	5 107 761	7.93
	3364117	All other aeronautical services on complete aircraft	X	D	S
	336411W	Aircraft manufacturing, nsk, total	X	558 394	.87
	336412	Aircraft engine and engine parts manufacturing	X	D	S
	3364123	Civilian aircraft engines	X	D	S
	3364125	Aeronautical services on aircraft engines	X	D	S
	3364127	Aircraft engine parts and accessories	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	2 242 052	3.48
	3364131	Aircraft propellers and helicopter rotors	X	D	S
	3364133	Research and development on aircraft parts (except engines)	X	D	S
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	336414	Guided missile and space vehicle manufacturing	X	D	S
	3364141	Complete guided missiles	X	D	S
	3364145	Other services on complete guided missiles	X	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	X	D	S
	3364191	Missile and space vehicle components, parts, and subassemblies	X	D	S

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336411		Aircraft manufacturing—Con.			
	930000	Receipts for work done for others on their materials	X	10 491	.02
	9300000	Receipts for work done for others on their materials	X	10 491	.02
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	549 968	.85
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	549 968	.85
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 164 792	1.81
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 164 792	1.81
	999999	All other products made in this industry	X	13 442	.02
	9999999	All other products made in this industry	X	18 554	.03
	336412		Aircraft engine and engine parts manufacturing	23 659 238	X
332912		Fluid power valve and hose fitting manufacturing	X	23 264	.10
332912F		Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	X	D	S
333511		Industrial mold manufacturing	X	D	S
3335110		Industrial molds and mold boxes	X	D	S
333514		Special die and tool, die set, jig, and fixture manufacturing	X	6 396	.03
3335140		Special dies, tools, jigs, and fixtures	X	6 396	.03
333611		Turbine and turbine generator set units manufacturing	X	1 349 210	5.70
3336110		Turbines, turbine generators, and turbine generator sets (including parts)	X	1 349 210	5.70
333996		Fluid power pump and motor manufacturing	X	D	S
336311		Carburetor, piston, piston ring, and valve manufacturing	X	D	S
3363113		Pistons, piston rings, and piston pins (engine)	X	D	S
336399		All other motor vehicle parts manufacturing	X	7 134	.03
336411		Aircraft manufacturing	X	D	S
3364113		Civilian aircraft	X	D	S
3364115		Modification, conversion, and overhaul of previously accepted aircraft	X	D	S
3364117		All other aeronautical services on complete aircraft	X	D	S
336412		Aircraft engine and engine parts manufacturing	X	20 003 636	84.55
3364121		Military aircraft engines (including other aircraft engines built to military specifications)	X	1 802 128	7.62
3364123		Civilian aircraft engines	X	5 850 808	24.73
3364125		Aeronautical services on aircraft engines	X	3 516 544	14.86
3364127		Aircraft engine parts and accessories	X	8 412 134	35.56
336412W		Aircraft engine and engine parts manufacturing, nsk, total	X	422 022	1.78
336413		Other aircraft parts and auxiliary equipment manufacturing	X	D	S
3364131		Aircraft propellers and helicopter rotors	X	D	S
3364133		Research and development on aircraft parts (except engines)	X	D	S
3364136		Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
336413W		Other aircraft parts and auxiliary equipment manufacturing, nsk, total	X	D	S
336414		Guided missile and space vehicle manufacturing	X	8 748	.04
336414A		All other services on complete space vehicles	X	D	S
336415		Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	49 477	.21
3364151		Complete missiles, space vehicle engines, and propulsion units	X	22 702	.10
3364153		Research and development on complete missiles, space vehicle engines, and propulsion units	X	D	S
336510		Railroad rolling stock manufacturing	X	D	S
3365101		Locomotives, new and rebuilt (including parts)	X	D	S
336992		Military armored vehicle, tank, and tank component manufacturing	X	D	S
3369920		Military armored vehicles, tanks, and tank components	X	D	S
930000		Receipts for work done for others on their materials	X	19 939	.08
9300000		Receipts for work done for others on their materials	X	19 939	.08
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	13 905	.06
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	13 905	.06
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	1 057 767	4.47
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	1 057 767	4.47
999999		All other products made in this industry	X	32 348	.14
9999999		All other products made in this industry	X	67 609	.29
336413		Other aircraft parts and auxiliary equipment manufacturing	20 778 584	X	100.00
	325199	All other basic organic chemical manufacturing	X	D	S
	325199T	Miscellaneous end use chemicals and chemical products, excluding urea	X	D	S
	332322	Sheet metal work manufacturing	X	D	S
	332322W	Sheet metal work manufacturing, nsk, total	X	D	S
	332912	Fluid power valve and hose fitting manufacturing	X	23 569	.11
	3329123	Aerospace type pneumatic fluid power valves	X	D	S
	332993	Ammunition (except small arms) manufacturing	X	D	S
	3329933	All other miscellaneous ammunition (except for small arms)	X	D	S
	332995	Other ordnance and accessories manufacturing	X	D	S
	3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	X	D	S
	333611	Turbine and turbine generator set units manufacturing	X	7 213	.03
	3336110	Turbines, turbine generators, and turbine generator sets (including parts)	X	7 213	.03
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	11 281	.05
	3339243	Parts and attachments for industrial trucks and tractors (sold separately)	X	D	S
	333995	Fluid power cylinder and actuator manufacturing	X	39 959	.19
	3339957	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic	X	39 467	.19
	333996	Fluid power pump and motor manufacturing	X	18 532	.09
	3339967	Aerospace type fluid power pumps and motors	X	17 063	.08
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	334419	Other electronic component manufacturing	X	D	S
	334419E	All other miscellaneous electronic components	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	114 318	.55
	3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
336413	334512	Other aircraft parts and auxiliary equipment manufacturing—Con. Automatic environmental control manufacturing for residential, commercial, and appliance use—Con.				
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use.....	X	D	S	
	336211	Motor vehicle body manufacturing.....	X	D	S	
	3362115	Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars).....	X	D	S	
	336399	All other motor vehicle parts manufacturing.....	X	D	S	
	3363998	All other motor vehicle parts and accessories, new and rebuilt.....	X	D	S	
	336411	Aircraft manufacturing.....	X	1 567 162	7.54	
	3364112	Military aircraft (including all aircraft for U.S. military and any other aircraft built to military specifications).....	X	D	S	
	3364113	Civilian aircraft.....	X	D	S	
	3364115	Modification, conversion, and overhaul of previously accepted aircraft.....	X	D	S	
	3364117	All other aeronautical services on complete aircraft.....	X	D	S	
	336412	Aircraft engine and engine parts manufacturing.....	X	D	S	
	3364127	Aircraft engine parts and accessories.....	X	D	S	
	336413	Other aircraft parts and auxiliary equipment manufacturing.....	X	17 663 005	85.01	
	3364131	Aircraft propellers and helicopter rotors.....	X	361 903	1.74	
	3364133	Research and development on aircraft parts (except engines).....	X	265 806	1.28	
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines.....	X	15 957 835	76.80	
	336413W	Other aircraft parts and auxiliary equipment manufacturing, nsk, total.....	X	1 077 461	5.19	
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing.....	X	193 326	.93	
	3364191	Missile and space vehicle components, parts, and subassemblies.....	X	191 927	.92	
	336611	Ship building and repairing.....	X	D	S	
	3366113	Military self-propelled ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), new construction.....	X	D	S	
	336992	Military armored vehicle, tank, and tank component manufacturing.....	X	9 538	.05	
	3369920	Military armored vehicles, tanks, and tank components.....	X	9 538	.05	
	930000	Receipts for work done for others on their materials.....	X	42 428	.20	
	9300000	Receipts for work done for others on their materials.....	X	42 428	.20	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	72 061	.35	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	72 061	.35	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly.....	X	147 342	.71	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly.....	X	147 342	.71	
	999999	All other products made in this industry.....	X	45 440	.22	
	9999999	All other products made in this industry.....	X	76 705	.37	
	336414	332995	Guided missile and space vehicle manufacturing.....	12 517 495	X	100.00
		3329952	Other ordnance and accessories manufacturing.....	X	D	S
		3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts).....	X	D	S
		333995	Fluid power cylinder and actuator manufacturing.....	X	D	S
		3339955	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc.....	X	D	S
		3339957	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic.....	X	D	S
		334220	Radio and television broadcasting and wireless communications equipment manufacturing.....	X	D	S
		3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast).....	X	D	S
		334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing.....	X	D	S
		3345113	Search, detection, navigation, and guidance systems and equipment.....	X	D	S
		336411	Aircraft manufacturing.....	X	D	S
		3364117	All other aeronautical services on complete aircraft.....	X	D	S
		336414	Guided missile and space vehicle manufacturing.....	X	8 990 541	71.82
3364141		Complete guided missiles.....	X	D	S	
3364143		Research and development on complete guided missiles.....	X	785 535	6.28	
3364145		Other services on complete guided missiles.....	X	D	S	
3364147		Complete space vehicles (excluding propulsion systems).....	X	D	S	
3364149		Research and development on complete space vehicles.....	X	D	S	
336414A		All other services on complete space vehicles.....	X	D	S	
336415		Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing.....	X	D	S	
3364151		Complete missiles, space vehicle engines, and propulsion units.....	X	D	S	
3364153		Research and development on complete missiles, space vehicle engines, and propulsion units.....	X	D	S	
336419		Other guided missile and space vehicle parts and auxiliary equipment manufacturing.....	X	D	S	
3364191		Missile and space vehicle components, parts, and subassemblies.....	X	D	S	
3364193		Research and development on missile and space vehicle parts and components.....	X	D	S	
930000		Receipts for work done for others on their materials.....	X	D	S	
9300000		Receipts for work done for others on their materials.....	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.....	X	D	S	
999999		All other products made in this industry.....	X	3 564	.03	
9999999		All other products made in this industry.....	X	5 244	.04	
336415		325920	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing.....	2 601 373	X	100.00
		3259200	Explosives manufacturing.....	X	D	S
		3259200	Explosives.....	X	D	S
		332993	Ammunition (except small arms) manufacturing.....	X	D	S
		3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.).....	X	D	S
		3329933	All other miscellaneous ammunition (except for small arms).....	X	D	S
		332995	Other ordnance and accessories manufacturing.....	X	D	S
		3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts).....	X	D	S
		334411	Electron tube manufacturing.....	X	D	S
		3344111	Transmittal, industrial, and special-purpose electron tubes (except X-ray).....	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336415		Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing—Con.			
	335999	All other miscellaneous electrical equipment and component manufacturing	X	D	S
	335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	D	S
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	X	2 079 972	79.96
	3364151	Complete missiles, space vehicle engines, and propulsion units	X	1 474 952	56.70
	3364153	Research and development on complete missiles, space vehicle engines, and propulsion units	X	229 479	8.82
	3364155	Other services on complete missiles, space vehicle engines, and propulsion units	X	283 633	10.90
	3364157	Missile and space vehicle engine and propulsion parts and accessories	X	D	S
	336415W	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, total	X	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	X	50 428	1.94
	3364191	Missile and space vehicle components, parts, and subassemblies	X	38 729	1.49
	3364193	Research and development on missile and space vehicle parts and components	X	11 699	.45
	336992	Military armored vehicle, tank, and tank component manufacturing	X	D	S
	3369920	Military armored vehicles, tanks, and tank components	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999999	All other products made in this industry	X	3 021	.12
	9999999	All other products made in this industry	X	5 492	.21
336419		Other guided missile and space vehicle parts and auxiliary equipment manufacturing	963 773	X	100.00
	313311	Broadwoven fabric finishing mills	X	D	S
	3133115	Finished manmade fiber and silk broadwoven fabrics, finished in finishing mills	X	D	S
	326199	All other plastics product manufacturing	X	D	S
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	D	S
	332912	Fluid power valve and hose fitting manufacturing	X	D	S
	3329121	Aerospace type hydraulic fluid power valves	X	D	S
	333319	Other commercial and service industry machinery manufacturing	X	D	S
	3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits	X	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	X	D	S
	3345113	Search, detection, navigation, and guidance systems and equipment	X	D	S
	336411	Aircraft manufacturing	X	D	S
	3364117	All other aeronautical services on complete aircraft	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	23 302	2.42
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	336413W	Other aircraft parts and auxiliary equipment manufacturing, nsk, total	X	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	X	769 306	79.82
	3364191	Missile and space vehicle components, parts, and subassemblies	X	671 475	69.67
	3364193	Research and development on missile and space vehicle parts and components	X	46 416	4.82
	336419W	Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, total	X	51 415	5.33
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999999	All other products made in this industry	X	24 735	2.57
	9999999	All other products made in this industry	X	28 200	2.93
336510		Railroad rolling stock manufacturing	7 923 275	X	100.00
	326299	All other rubber product manufacturing	X	D	S
	3262997	All other industrial rubber products	X	D	S
	332510	Hardware manufacturing	X	D	S
	3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)	X	D	S
	333618	Other engine equipment manufacturing	X	D	S
	3336183	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank)	X	D	S
	335312	Motor and generator manufacturing	X	D	S
	3353125	Land transportation motors, generators, and control equipment (except parts)	X	D	S
	335312A	Integral motor generator sets and other rotating equipment (including hermetics)	X	D	S
	336510	Railroad rolling stock manufacturing	X	6 322 407	79.80
	3365101	Locomotives, new and rebuilt (including parts)	X	2 569 518	32.43
	3365103	Freight train and passenger train cars, new (excluding parts)	X	1 111 439	14.03
	3365105	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	X	2 414 768	30.48
	336510W	Railroad rolling stock manufacturing, nsk, total	X	226 682	2.86
	930000	Receipts for work done for others on their materials	X	590 057	7.45
	9300000	Receipts for work done for others on their materials	X	590 057	7.45
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	58 821	.74
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	58 821	.74
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	480 640	6.07
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	480 640	6.07
	999999	All other products made in this industry	X	28 954	.37
	9999999	All other products made in this industry	X	29 632	.37
336611		Ship building and repairing	12 792 085	X	100.00

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336611		Ship building and repairing—Con.				
	332710	Machine shops	X	11 684	.09	
	3327100	Receipts for machine shop job work and job order repairs	X	11 684	.09	
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	X	9 904	.08	
	3339237	Winches, aerial work platforms, and automotive wrecker hoists	X	D	S	
	335314	Relay and industrial control manufacturing	X	D	S	
	3353143	Specific-purpose industrial controls	X	D	S	
	3353146	General-purpose industrial controls	X	D	S	
	336611	Ship building and repairing	X	12 261 798	95.85	
	3366111	Nonpropelled ships, new construction	X	D	S	
	3366113	Military self-propelled ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), new construction	X	D	S	
	3366116	Nonmilitary self-propelled ships, new construction	X	1 514 878	11.84	
	3366118	Ship repair, military	X	D	S	
	336611A	Ship repair, nonmilitary	X	608 344	4.76	
	336611W	Ship building and repairing, nsk, total	X	558 118	4.36	
	336992	Military armored vehicle, tank, and tank component manufacturing	X	D	S	
	3369920	Military armored vehicles, tanks, and tank components	X	D	S	
	930000	Receipts for work done for others on their materials	X	23 022	.18	
	9300000	Receipts for work done for others on their materials	X	23 022	.18	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	367 041	2.87	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	367 041	2.87	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	55 986	.44	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	55 986	.44	
	999999	All other products made in this industry	X	17 920	.14	
	9999999	All other products made in this industry	X	19 011	.15	
	336612		Boat building	8 471 633	X	100.00
		326199	All other plastics product manufacturing	X	D	S
		326199A	All other reinforced and fiberglass plastics products	X	D	S
		333618	Other engine equipment manufacturing	X	D	S
		333618B	All other miscellaneous engine equipment	X	D	S
		336214	Travel trailer and camper manufacturing	X	52 559	.62
		3362143	Automobile and light truck trailers	X	52 559	.62
		336611	Ship building and repairing	X	D	S
3366118		Ship repair, military	X	D	S	
336612		Boat building	X	7 815 510	92.26	
3366121		Outboard motorboats, including commercial and military (except sailboats and lifeboats)	X	D	S	
3366123		Inboard motorboats, including commercial and military (except sailboats and lifeboats)	X	2 366 467	27.93	
3366125		Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats)	X	1 586 403	18.73	
3366128		All other boats (excluding military and commercial)	X	D	S	
336612W		Boat building, nsk, total	X	782 248	9.23	
336999		All other transportation equipment manufacturing	X	11 589	.14	
3369995		All other miscellaneous transportation equipment, including all-terrain vehicles	X	11 589	.14	
930000		Receipts for work done for others on their materials	X	13 738	.16	
9300000		Receipts for work done for others on their materials	X	13 738	.16	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	59 659	.70	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	59 659	.70	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	435 550	5.14	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	435 550	5.14	
999999		All other products made in this industry	X	21 708	.26	
9999999		All other products made in this industry	X	25 117	.30	
336991			Motorcycle, bicycle, and parts manufacturing	4 880 776	X	100.00
		314912	Canvas and related product mills	X	D	S
		3149120	Canvas and related products	X	D	S
		332510	Hardware manufacturing	X	D	S
		332510W	Hardware manufacturing, nsk, total	X	D	S
		333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	D	S
		3331127	Parts and attachments for consumer lawn, garden, and snow equipment	X	D	S
		333120	Construction machinery manufacturing	X	D	S
	3331209	Parts for construction machinery and equipment, sold separately	X	D	S	
	336991	Motorcycle, bicycle, and parts manufacturing	X	D	S	
	3369912	Bicycles and parts (excluding children's two-wheel sidewalk cycles with solid or semipneumatic tires)	X	D	S	
	3369913	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)	X	3 114 565	63.81	
	336991W	Motorcycle, bicycle, and parts manufacturing, nsk, total	X	209 666	4.30	
	336999	All other transportation equipment manufacturing	X	D	S	
	3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	X	D	S	
	930000	Receipts for work done for others on their materials	X	11 262	.23	
	9300000	Receipts for work done for others on their materials	X	11 262	.23	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	390 626	8.00	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	390 626	8.00	
	999999	All other products made in this industry	X	13 251	.27	
	9999999	All other products made in this industry	X	13 356	.27	
	336992		Military armored vehicle, tank, and tank component manufacturing	1 506 656	X	100.00
		315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	X	D	S
3152226		Men's and boys' tailored dress and sport coats and vests	X	D	S	
333514		Special die and tool, die set, jig, and fixture manufacturing	X	D	S	
3335140		Special dies, tools, jigs, and fixtures	X	D	S	
336211		Motor vehicle body manufacturing	X	D	S	
3362115		Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
336992	336330	Military armored vehicle, tank, and tank component manufacturing—Con. Motor vehicle steering and suspension component (except spring) manufacturing	X	D	S
	3363301	Motor vehicle steering and suspension components, new	X	D	S
	336370	Motor vehicle metal stamping	X	D	S
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	X	D	S
	3369920	Military armored vehicles, tanks, and tank components	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	D	S
	3391136	Personal industrial and nonindustrial safety equipment and clothing	X	D	S
	999999	All other products made in this industry	X	23 788	1.58
	9999999	All other products made in this industry	X	23 788	1.58
336999		All other transportation equipment manufacturing	6 976 317	X	100.00
	332510	Hardware manufacturing	X	D	S
	3325104	Builders' hardware	X	D	S
	332710	Machine shops	X	D	S
	3327100	Receipts for machine shop job work and job order repairs	X	D	S
	333111	Farm machinery and equipment manufacturing	X	D	S
	333111J	Commercial turf and grounds care equipment, including parts and attachments	X	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	X	D	S
	3331127	Parts and attachments for consumer lawn, garden, and snow equipment	X	D	S
	333613	Mechanical power transmission equipment manufacturing	X	D	S
	3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	X	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	D	S
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S
	3339991	Filters and strainers, except fluid power	X	D	S
	3339997	All other miscellaneous general industrial machinery	X	D	S
	335224	Household laundry equipment manufacturing	X	D	S
	3352240	Household laundry equipment	X	D	S
	336214	Travel trailer and camper manufacturing	X	D	S
	3362143	Automobile and light truck trailers	X	D	S
	336612	Boat building	X	D	S
	3366121	Outboard motorboats, including commercial and military (except sailboats and lifeboats)	X	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	X	34 666	.50
	3369913	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)	X	D	S
	336999	All other transportation equipment manufacturing	X	6 522 604	93.50
	3369991	Self-propelled golf carts and industrial in-plant personnel carriers (including parts)	X	D	S
	3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	X	D	S
	336999W	All other transportation equipment manufacturing, nsk, total	X	244 101	3.50
	930000	Receipts for work done for others on their materials	X	D	S
	9300000	Receipts for work done for others on their materials	X	D	S
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	201 552	2.89
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	201 552	2.89
	999999	All other products made in this industry	X	28 805	.41
	9999999	All other products made in this industry	X	35 707	.51
337110		Wood kitchen cabinet and countertop manufacturing	14 348 396	X	100.00
	321219	Reconstituted wood product manufacturing	X	D	S
	3212191	Particleboard made from particleboard produced at the same location	X	D	S
	321911	Wood window and door manufacturing	X	84 676	.59
	3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	X	9 179	.06
	3219119	Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	X	70 743	.49
	321918	Other millwork (including flooring)	X	84 006	.59
	3219181	Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	60 232	.42
	3219183	Prefinished wood moldings made from purchased moldings, including wood moldings covered with metal and plastics	X	7 198	.05
	3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	12 772	.09
	326191	Plastics plumbing fixture manufacturing	X	D	S
	3261910	Plastics plumbing fixtures	X	D	S
	326199	All other plastics product manufacturing	X	94 326	.66
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	D	S
	326199A	All other reinforced and fiberglass plastics products	X	D	S
	327991	Cut stone and stone product manufacturing	X	30 590	.21
	3279917	Dressed dimension marble and other stone	X	8 851	.06
	327991W	Cut stone and stone product manufacturing, nsk, total	X	16 981	.12
	337110	Wood kitchen cabinet and countertop manufacturing	X	13 441 255	93.68
	3371101	Wood stock line kitchen cabinets and related cabinetwork for permanent installation	X	4 616 423	32.17
	3371104	Other wood custom kitchen cabinets and related cabinetwork for permanent installation, excluding kitchen cabinets and related cabinetwork sold directly to the customer at retail	X	1 367 431	9.53
	3371107	Bathroom vanities and related cabinetwork for permanent installation, excluding wood custom bathroom vanities and related cabinetwork sold directly to the customer at retail	X	940 599	6.56
	337110B	Wood and plastics laminated wood kitchen cabinet tops	X	611 597	4.26
	337110F	Wood and plastics laminated wood bathroom vanity tops	X	222 132	1.55
	337110H	Wood custom kitchen cabinets, bathroom vanities, and related cabinetwork for permanent installation sold directly to the customer at retail	X	2 928 282	20.41
	337110W	Wood kitchen cabinet and countertop manufacturing, nsk, total	X	2 754 791	19.20

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
337110		Wood kitchen cabinet and countertop manufacturing—Con.				
	337122	Nonupholstered wood household furniture manufacturing	X	27 103	.19	
	3371221	Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	X	14 381	.10	
	337122W	Nonupholstered wood household furniture manufacturing, nsk, total	X	8 972	.06	
	337127	Institutional furniture manufacturing	X	D	S	
	3371278	Bar, bowling center, cafeteria, and restaurant furniture	X	D	S	
	337211	Wood office furniture manufacturing	X	9 348	.07	
	337212	Custom architectural woodwork and millwork manufacturing	X	43 315	.30	
	3372120	Custom architectural woodwork, millwork, and fixtures	X	43 315	.30	
	337215	Showcase, partition, shelving, and locker manufacturing	X	23 391	.16	
	3372155	Wood bank, office, store, and related fixtures (except custom)	X	19 708	.14	
	930000	Receipts for work done for others on their materials	X	61 692	.43	
	9300000	Receipts for work done for others on their materials	X	61 692	.43	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	41 257	.29	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	41 257	.29	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	360 476	2.51	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	360 476	2.51	
	999999	All other products made in this industry	X	26 997	.19	
	9999999	All other products made in this industry	X	57 926	.40	
	337121		Upholstered household furniture manufacturing	10 720 121	X	100.00
314129		Other household textile product mills	X	12 778	.12	
3141296		Other household furnishings, made from purchased materials	X	11 807	.11	
316999		All other leather good manufacturing	X	D	S	
3169994		All other miscellaneous leather goods	X	D	S	
321211		Hardwood veneer and plywood manufacturing	X	D	S	
3212115		Prefinished hardwood plywood made from purchased hardwood plywood	X	D	S	
336360		Motor vehicle seating and interior trim manufacturing	X	D	S	
3363603		Seats for public conveyance and aircraft	X	D	S	
337121		Upholstered household furniture manufacturing	X	10 059 271	93.84	
3371211		Upholstered wood household furniture, excluding stock line dual-purpose sleep furniture	X	8 554 455	79.80	
3371213		Upholstered household furniture (except wood)	X	96 845	.90	
3371214		Dual-purpose sleep furniture, including convertible sofas, jackknife sofa beds and chair beds, studio couches, and futons shipped with frames (except custom sold directly to the customer at retail)	X	481 536	4.49	
337121W		Upholstered household furniture manufacturing, nsk, total	X	926 435	8.64	
337122		Nonupholstered wood household furniture manufacturing	X	131 524	1.23	
3371221		Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	X	77 501	.72	
3371224		Wood dining room and kitchen furniture (except custom sold directly to the customer at retail), excluding kitchen cabinets	X	43 195	.40	
3371228		Wood bedroom furniture (except custom sold directly to the customer at retail)	X	9 099	.08	
337124		Metal household furniture manufacturing	X	D	S	
3371248		Other nonupholstered metal household furniture	X	D	S	
337125		Household furniture (except wood and metal) manufacturing	X	7 915	.07	
3371250		Nonupholstered household furniture (except wood and metal)	X	7 915	.07	
337211		Wood office furniture manufacturing	X	D	S	
3372111		Wood office seating, including upholstered seating	X	D	S	
337215		Showcase, partition, shelving, and locker manufacturing	X	D	S	
337215J		Wood furniture frames	X	D	S	
337215L		Hardwood and softwood furniture dimension fully machined ready for assembly	X	D	S	
337910		Mattress manufacturing	X	18 015	.17	
3379101		Innerspring mattresses (including innerspring mattresses made with polyurethane and rubber topper pads and sold as part of Hollywood beds), excluding innerspring crib-size mattresses	X	14 208	.13	
930000		Receipts for work done for others on their materials	X	12 781	.12	
9300000		Receipts for work done for others on their materials	X	12 781	.12	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 680	.21	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	22 680	.21	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	272 409	2.54	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	272 409	2.54	
999999		All other products made in this industry	X	13 841	.13	
9999999		All other products made in this industry	X	21 997	.21	
337122			Nonupholstered wood household furniture manufacturing	12 725 672	X	100.00
		327215	Glass product manufacturing made of purchased glass	X	85 844	.67
		3272159	Mirrors (decorated and undecorated), made from purchased glass	X	82 728	.65
	337110	Wood kitchen cabinet and countertop manufacturing	X	9 991	.08	
	337121	Upholstered household furniture manufacturing	X	219 919	1.73	
	3371211	Upholstered wood household furniture, excluding stock line dual-purpose sleep furniture	X	216 283	1.70	
	337122	Nonupholstered wood household furniture manufacturing	X	11 071 505	87.00	
	3371221	Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	X	3 289 818	25.85	
	3371224	Wood dining room and kitchen furniture (except custom sold directly to the customer at retail), excluding kitchen cabinets	X	1 527 686	12.00	
	3371228	Wood bedroom furniture (except custom sold directly to the customer at retail)	X	2 848 144	22.38	
	337122A	Infants' and children's wood furniture (except custom sold directly to the customer at retail)	X	410 676	3.23	
	337122E	Wood outdoor furniture, unpainted wood furniture, and ready-to-assemble wood furniture (except custom sold directly to the customer at retail)	X	1 842 708	14.48	
	337122H	Custom nonupholstered wood household furniture sold directly to the customer at retail (except kitchen cabinets, bathroom vanities, and related cabinetwork)	X	99 376	.78	
	337122W	Nonupholstered wood household furniture manufacturing, nsk, total	X	1 053 097	8.28	
	337125	Household furniture (except wood and metal) manufacturing	X	D	S	
	3371250	Nonupholstered household furniture (except wood and metal)	X	D	S	

See footnotes at end of table.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
337122		Nonupholstered wood household furniture manufacturing—Con.				
	337129	Wood television, radio, and sewing machine cabinet manufacturing	X	24 290	.19	
	3371290	Wood television, radio, and sewing machine cabinets used as housings	X	24 290	.19	
	337211	Wood office furniture manufacturing	X	10 909	.09	
	337215	Showcase, partition, shelving, and locker manufacturing	X	8 924	.07	
	337215J	Wood furniture frames	X	D	S	
	337910	Mattress manufacturing	X	D	S	
	3379104	Other mattresses	X	D	S	
	9300000	Receipts for work done for others on their materials	X	31 376	.25	
	9300000	Receipts for work done for others on their materials	X	31 376	.25	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 299	.20	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 299	.20	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 159 243	9.11	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 159 243	9.11	
	999999	All other products made in this industry	X	58 993	.46	
	9999999	All other products made in this industry	X	89 949	.71	
	337124		Metal household furniture manufacturing	2 045 486	X	100.00
314129		Other household textile product mills	X	D	S	
3141296		Other household furnishings, made from purchased materials	X	D	S	
325211		Plastics material and resin manufacturing	X	D	S	
3252111		Thermoplastic resins and plastics materials	X	D	S	
332431		Metal can manufacturing	X	D	S	
3324311		Steel cans and tinware products	X	D	S	
332439		Other metal container manufacturing	X	D	S	
3324396		All other metal container manufacturing	X	D	S	
337122		Nonupholstered wood household furniture manufacturing	X	20 939	1.02	
3371221		Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	X	D	S	
337122A		Infants' and children's wood furniture (except custom sold directly to the customer at retail)	X	D	S	
337124		Metal household furniture manufacturing	X	1 652 457	80.79	
3371241		Metal dining room and kitchen furniture, including padded and plain chairs and stools	X	205 005	10.02	
3371244		Metal outdoor and casual furniture, including beach, lawn, garden, and porch furniture	X	653 017	31.92	
3371248		Other nonupholstered metal household furniture	X	468 169	22.89	
337124W		Metal household furniture manufacturing, nsk, total	X	326 266	15.95	
337125		Household furniture (except wood and metal) manufacturing	X	D	S	
3371250		Nonupholstered household furniture (except wood and metal)	X	D	S	
337127		Institutional furniture manufacturing	X	D	S	
3371274		Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture	X	D	S	
337215		Showcase, partition, shelving, and locker manufacturing	X	13 222	.65	
337215A		Nonwood shelving and lockers	X	D	S	
337215L		Hardwood and softwood furniture dimension fully machined ready for assembly	X	D	S	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	159 180	7.78	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	159 180	7.78	
999999		All other products made in this industry	X	34 474	1.69	
9999999		All other products made in this industry	X	40 982	2.00	
337125			Household furniture (except wood and metal) manufacturing	1 135 302	X	100.00
		337121	Upholstered household furniture manufacturing	X	20 426	1.80
		3371211	Upholstered wood household furniture, excluding stock line dual-purpose sleep furniture	X	19 788	1.74
	337122	Nonupholstered wood household furniture manufacturing	X	D	S	
	337122A	Infants' and children's wood furniture (except custom sold directly to the customer at retail)	X	D	S	
	337124	Metal household furniture manufacturing	X	D	S	
	3371244	Metal outdoor and casual furniture, including beach, lawn, garden, and porch furniture	X	D	S	
	3371248	Other nonupholstered metal household furniture	X	D	S	
	337125	Household furniture (except wood and metal) manufacturing	X	658 618	58.01	
	3371250	Nonupholstered household furniture (except wood and metal)	X	658 618	58.01	
	339932	Game, toy, and children's vehicle manufacturing	X	D	S	
	3399322	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	17 712	1.56	
	9999999	All other products made in this industry	X	31 175	2.75	
	337127		Institutional furniture manufacturing	4 615 591	X	100.00
321114		Wood preservation	X	D	S	
3211145		Other wood products owned and treated by the same establishment	X	D	S	
321918		Other millwork (including flooring)	X	D	S	
321999		All other miscellaneous wood product manufacturing	X	D	S	
3219990		All other miscellaneous wood product manufacturing	X	D	S	
333315		Photographic and photocopying equipment manufacturing	X	D	S	
333315W		Photographic and photocopying equipment manufacturing, nsk, total	X	D	S	
337110		Wood kitchen cabinet and countertop manufacturing	X	22 339	.48	
337110B		Wood and plastics laminated wood kitchen cabinet tops	X	D	S	
337110F		Wood and plastics laminated wood bathroom vanity tops	X	D	S	
337121		Upholstered household furniture manufacturing	X	D	S	
3371214		Dual-purpose sleep furniture, including convertible sofas, jackknife sofa beds and chair beds, studio couches, and futons shipped with frames (except custom sold directly to the customer at retail)	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
337127		Institutional furniture manufacturing—Con.				
	337122	Nonupholstered wood household furniture manufacturing	X	5 040	.11	
	337127	Institutional furniture manufacturing	X	3 831 138	83.00	
	3371271	School furniture (except stone and concrete), excluding library furniture	X	729 790	15.81	
	3371274	Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture	X	1 187 373	25.73	
	3371278	Bar, bowling center, cafeteria, and restaurant furniture	X	843 849	18.28	
	337127A	Other furniture	X	594 332	12.88	
	337127W	Institutional furniture manufacturing, nsk, total	X	475 794	10.31	
	337211	Wood office furniture manufacturing	X	21 114	.46	
	3372111	Wood office seating, including upholstered seating	X	D	S	
	337211A	Wood office furniture panel systems, desking systems, and other wood office furniture	X	8 060	.17	
	337212	Custom architectural woodwork and millwork manufacturing	X	24 385	.53	
	3372120	Custom architectural woodwork, millwork, and fixtures	X	24 385	.53	
	337214	Office furniture (except wood) manufacturing	X	90 948	1.97	
	3372141	Nonwood office seating, including upholstered seating	X	15 658	.34	
	3372147	Nonwood office files, storage units, and tables	X	25 462	.55	
	337214A	Nonwood office furniture panel systems, desking systems, and other nonwood office furniture	X	49 530	1.07	
	337215	Showcase, partition, shelving, and locker manufacturing	X	45 808	.99	
	3372155	Wood bank, office, store, and related fixtures (except custom)	X	17 461	.38	
	337215G	Nonwood bank, office, store, and related fixtures	X	8 673	.19	
	337215L	Hardwood and softwood furniture dimension fully machined ready for assembly	X	15 324	.33	
	339920	Sporting and athletic goods manufacturing	X	D	S	
	3399205	Playground equipment	X	D	S	
	930000	Receipts for work done for others on their materials	X	20 951	.45	
	9300000	Receipts for work done for others on their materials	X	20 951	.45	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	30 389	.66	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	30 389	.66	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	390 865	8.47	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	390 865	8.47	
	999999	All other products made in this industry	X	29 894	.65	
	9999999	All other products made in this industry	X	50 742	1.10	
	337129		Wood television, radio, and sewing machine cabinet manufacturing	498 429	X	100.00
		337122	Nonupholstered wood household furniture manufacturing	X	D	S
		3371221	Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	X	43 840	8.80
		3371224	Wood dining room and kitchen furniture (except custom sold directly to the customer at retail), excluding kitchen cabinets	X	D	S
		337129	Wood television, radio, and sewing machine cabinet manufacturing	X	364 917	73.21
		3371290	Wood television, radio, and sewing machine cabinets used as housings	X	364 917	73.21
		337211	Wood office furniture manufacturing	X	D	S
		3372114	Wood office desks and extensions	X	D	S
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	8 120	1.63	
9999999		All other products made in this industry	X	11 062	2.22	
337211			Wood office furniture manufacturing	2 878 383	X	100.00
		337121	Upholstered household furniture manufacturing	X	D	S
		3371211	Upholstered wood household furniture, excluding stock line dual-purpose sleep furniture	X	D	S
	337122	Nonupholstered wood household furniture manufacturing	X	D	S	
	337127	Institutional furniture manufacturing	X	24 610	.85	
	3371274	Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture	X	13 202	.46	
	337211	Wood office furniture manufacturing	X	2 604 378	90.48	
	3372111	Wood office seating, including upholstered seating	X	503 879	17.51	
	3372114	Wood office desks and extensions	X	561 145	19.50	
	3372117	Wood office files, storage units, and tables	X	588 830	20.46	
	337211A	Wood office furniture panel systems, desking systems, and other wood office furniture	X	684 835	23.79	
	337211W	Wood office furniture manufacturing, nsk, total	X	265 689	9.23	
	337212	Custom architectural woodwork and millwork manufacturing	X	26 013	.90	
	3372120	Custom architectural woodwork, millwork, and fixtures	X	26 013	.90	
	337214	Office furniture (except wood) manufacturing	X	96 715	3.36	
	3372141	Nonwood office seating, including upholstered seating	X	52 430	1.82	
	3372147	Nonwood office files, storage units, and tables	X	18 504	.64	
	337214A	Nonwood office furniture panel systems, desking systems, and other nonwood office furniture	X	22 729	.79	
	337215	Showcase, partition, shelving, and locker manufacturing	X	16 462	.57	
	3372155	Wood bank, office, store, and related fixtures (except custom)	X	12 476	.43	
	930000	Receipts for work done for others on their materials	X	8 636	.30	
	9300000	Receipts for work done for others on their materials	X	8 636	.30	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	68 841	2.39	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	68 841	2.39	
	999999	All other products made in this industry	X	14 433	.50	
	9999999	All other products made in this industry	X	41 875	1.45	
	337212		Custom architectural woodwork and millwork manufacturing	3 911 171	X	100.00
		321911	Wood window and door manufacturing	X	6 843	.17
		321912	Cut stock, resawing lumber, and planing	X	5 775	.15
		3219126	Hardwood cut stock and dimension	X	5 195	.13
321918		Other millwork (including flooring)	X	22 046	.56	
3219181		Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	12 428	.32	
3219185		Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	8 634	.22	
321999		All other miscellaneous wood product manufacturing	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
337212		Custom architectural woodwork and millwork manufacturing—Con.				
	321999	All other miscellaneous wood product manufacturing—Con.				
	3219990	All other miscellaneous wood product manufacturing	X	D	S	
	337110	Wood kitchen cabinet and countertop manufacturing	X	56 259	1.44	
	3371104	Other wood custom kitchen cabinets and related cabinetwork for permanent installation, excluding kitchen cabinets and related cabinetwork sold directly to the customer at retail	X		.56	
	337110B	Wood and plastics laminated wood kitchen cabinet tops	X	21 963	S	
	337110H	Wood custom kitchen cabinets, bathroom vanities, and related cabinetwork for permanent installation sold directly to the customer at retail	X	D	S	
	337122	Nonupholstered wood household furniture manufacturing	X	D	S	
	337127	Institutional furniture manufacturing	X	9 004	.23	
	337211	Wood office furniture manufacturing	X	26 184	.67	
	3372117	Wood office files, storage units, and tables	X	12 426	.32	
	337211A	Wood office furniture panel systems, desking systems, and other wood office furniture	X	8 417	.22	
	337212	Custom architectural woodwork and millwork manufacturing	X	3 450 630	88.22	
	3372120	Custom architectural woodwork, millwork, and fixtures	X	3 450 630	88.22	
	337215	Showcase, partition, shelving, and locker manufacturing	X	62 783	1.61	
	3372155	Wood bank, office, store, and related fixtures (except custom)	X	27 625	.71	
	337215G	Nonwood bank, office, store, and related fixtures	X	24 819	.63	
	337215W	Showcase, partition, shelving, and locker manufacturing, nsk, total	X	D	S	
	930000	Receipts for work done for others on their materials	X	17 737	.45	
	9300000	Receipts for work done for others on their materials	X	17 737	.45	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	33 933	.87	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	33 933	.87	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	184 746	4.72	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	184 746	4.72	
	999999	All other products made in this industry	X	21 974	.56	
	9999999	All other products made in this industry	X	63 216	1.62	
	337214		Office furniture (except wood) manufacturing	7 852 363	X	100.00
		322231	Die-cut paper and paperboard office supplies manufacturing	X	D	S
		3222311	Die-cut paper and paperboard office supplies	X	D	S
		332510	Hardware manufacturing	X	D	S
		332510A	All other miscellaneous hardware	X	D	S
		335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	X	D	S
		3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	X	D	S
337127		Institutional furniture manufacturing	X	42 714	.54	
3371274		Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture	X	D	S	
337127A		Other furniture	X	20 998	.27	
337211		Wood office furniture manufacturing	X	220 367	2.81	
3372111		Wood office seating, including upholstered seating	X	D	S	
3372114		Wood office desks and extensions	X	D	S	
3372117		Wood office files, storage units, and tables	X	46 993	.60	
337211A		Wood office furniture panel systems, desking systems, and other wood office furniture	X	95 855	1.22	
337214		Office furniture (except wood) manufacturing	X	6 894 108	87.80	
3372141		Nonwood office seating, including upholstered seating	X	2 079 545	26.48	
3372144		Nonwood office desks and extensions	X	269 033	3.43	
3372147		Nonwood office files, storage units, and tables	X	2 204 270	28.07	
337214A		Nonwood office furniture panel systems, desking systems, and other nonwood office furniture	X	2 071 995	26.39	
337214W		Office furniture (except wood) manufacturing, nsk, total	X	269 265	3.43	
337215		Showcase, partition, shelving, and locker manufacturing	X	186 246	2.37	
3372151		Wood lockers, partitions, and shelving (except custom)	X	D	S	
3372155		Wood bank, office, store, and related fixtures (except custom)	X	D	S	
337215A		Nonwood shelving and lockers	X	130 056	1.66	
930000		Receipts for work done for others on their materials	X	6 782	.09	
9300000		Receipts for work done for others on their materials	X	6 782	.09	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 132	.14	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 132	.14	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	367 426	4.68	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	367 426	4.68	
999999		All other products made in this industry	X	20 535	.26	
9999999		All other products made in this industry	X	36 228	.46	
337215		Showcase, partition, shelving, and locker manufacturing	8 580 468	X	100.00	
	321212	Softwood veneer and plywood manufacturing	X	D	S	
	3212123	Softwood plywood, rough, including touch sanded, interior and exterior	X	D	S	
	321911	Wood window and door manufacturing	X	9 334	.11	
	3219117	Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	X	D	S	
	321912	Cut stock, resawing lumber, and planing	X	29 879	.35	
	3219126	Hardwood cut stock and dimension	X	20 509	.24	
	321918	Other millwork (including flooring)	X	8 413	.10	
	3219181	Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	X	7 469	.09	
	325611	Soap and other detergent manufacturing	X	D	S	
	3256111	Soaps and detergents, commercial, industrial, and institutional	X	D	S	
	326199	All other plastics product manufacturing	X	30 153	.35	
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	8 298	.10	
	3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	X	5 172	.06	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	12 344	.14	
	327215	Glass product manufacturing made of purchased glass	X	5 894	.07	
	327215B	Other glass products, made from purchased glass	X	5 379	.06	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
337215		Showcase, partition, shelving, and locker manufacturing—Con.				
	332313	Plate work manufacturing	X	D	S	
	3323130	Fabricated plate work (stacks and weldments)	X	D	S	
	332322	Sheet metal work manufacturing	X	5 751	.07	
	332323	Ornamental and architectural metal work manufacturing	X	7 074	.08	
	332510	Hardware manufacturing	X	10 961	.13	
	332618	Other fabricated wire product manufacturing	X	9 586	.11	
	332618B	Other ferrous wire products (excluding springs), made from purchased wire	X	9 216	.11	
	332913	Plumbing fixture fitting and trim manufacturing	X	D	S	
	3329131	Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscald bath or shower valves (brass goods)	X	D	S	
	332998	Enameled iron and metal sanitary ware manufacturing	X	D	S	
	3329980	Enameled iron and metal sanitary ware	X	D	S	
	332999	All other miscellaneous fabricated metal product manufacturing	X	10 615	.12	
	332999H	All other miscellaneous fabricated metal products	X	8 641	.10	
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	X	13 038	.15	
	3334153	Commercial refrigerators and related equipment	X	13 038	.15	
	333922	Conveyor and conveying equipment manufacturing	X	D	S	
	3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators	X	D	S	
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	D	S	
	3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	X	D	S	
	337110	Wood kitchen cabinet and countertop manufacturing	X	14 044	.16	
	337121	Upholstered household furniture manufacturing	X	D	S	
	3371211	Upholstered wood household furniture, excluding stock line dual-purpose sleep furniture	X	D	S	
	337122	Nonupholstered wood household furniture manufacturing	X	9 327	.11	
	3371221	Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	X	5 365	.06	
	337124	Metal household furniture manufacturing	X	D	S	
	3371248	Other nonupholstered metal household furniture	X	D	S	
	337127	Institutional furniture manufacturing	X	111 751	1.30	
	3371271	School furniture (except stone and concrete), excluding library furniture	X	21 986	.26	
	3371274	Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture	X	D	S	
	3371278	Bar, bowling center, cafeteria, and restaurant furniture	X	19 481	.23	
	337127A	Other furniture	X	63 580	.74	
	337211	Wood office furniture manufacturing	X	D	S	
	337212	Custom architectural woodwork and millwork manufacturing	X	58 824	.69	
	3372120	Custom architectural woodwork, millwork, and fixtures	X	58 824	.69	
	337214	Office furniture (except wood) manufacturing	X	61 950	.72	
	3372141	Nonwood office seating, including upholstered seating	X	5 503	.06	
	3372144	Nonwood office desks and extensions	X	6 884	.08	
	3372147	Nonwood office files, storage units, and tables	X	46 569	.54	
	337215	Showcase, partition, shelving, and locker manufacturing	X	7 372 039	85.92	
	3372151	Wood lockers, partitions, and shelving (except custom)	X	D	S	
	3372155	Wood bank, office, store, and related fixtures (except custom)	X	1 408 747	16.42	
	3372157	Nonwood partitions, prefabricated, assembled and knock-down	X	257 064	3.00	
	337215A	Nonwood shelving and lockers	X	893 383	10.41	
	337215E	Nonwood storage racks and accessories	X	D	S	
	337215G	Nonwood bank, office, store, and related fixtures	X	1 314 196	15.32	
	337215J	Wood furniture frames	X	235 299	2.74	
	337215L	Hardwood and softwood furniture dimension fully machined ready for assembly	X	674 138	7.86	
	337215W	Showcase, partition, shelving, and locker manufacturing, nsk, total	X	1 557 284	18.15	
	339950	Sign manufacturing	X	10 959	.13	
	3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	6 053	.07	
	339999	All other miscellaneous manufacturing	X	13 013	.15	
	3399995	Candles, including tapers	X	D	S	
	930000	Receipts for work done for others on their materials	X	63 504	.74	
	9300000	Receipts for work done for others on their materials	X	63 504	.74	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	39 616	.46	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	39 616	.46	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	479 261	5.59	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	479 261	5.59	
	999999	All other products made in this industry	X	67 788	.79	
	9999999	All other products made in this industry	X	152 558	1.78	
	337910		Mattress manufacturing	5 082 958	X	100.00
		314129	Other household textile product mills	X	D	S
		3141296	Other household furnishings, made from purchased materials	X	D	S
		332612	Spring (light gauge) manufacturing	X	25 294	.50
3326124		Other wire springs	X	25 294	.50	
337121		Upholstered household furniture manufacturing	X	D	S	
3371213		Upholstered household furniture (except wood)	X	D	S	
3371214		Dual-purpose sleep furniture, including convertible sofas, jackknife sofa beds and chair beds, studio couches, and futons shipped with frames (except custom sold directly to the customer at retail)	X	6 546	.13	
337124		Metal household furniture manufacturing	X	29 087	.57	
3371248		Other nonupholstered metal household furniture	X	29 087	.57	
337910		Mattress manufacturing	X	4 844 110	95.30	
3379101		Innerspring mattresses (including innerspring mattresses made with polyurethane and rubber topper pads and sold as part of Hollywood beds), excluding innerspring crib-size mattresses	X	2 772 874	54.55	
3379104		Other mattresses	X	456 190	8.97	
3379107		Foundations, excluding innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	X	1 227 096	24.14	
337910A		Sleep system ensembles and mattresses, excluding conventional waterbeds	X	96 416	1.90	
337910W		Mattress manufacturing, nsk, total	X	291 534	5.74	
930000		Receipts for work done for others on their materials	X	D	S	
9300000		Receipts for work done for others on their materials	X	D	S	

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
337910	999800	Mattress manufacturing—Con.				
		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	106 724	2.10	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	106 724	2.10	
	999999	All other products made in this industry	X	16 996	.33	
	9999999	All other products made in this industry	X	18 042	.35	
337920		Blind and shade manufacturing	2 831 892	X	100.00	
	314121	Curtain and drapery mills	X	D	S	
	3141210	Curtains and draperies	X	D	S	
	314912	Canvas and related product mills	X	9 745	.34	
	3149120	Canvas and related products	X	9 745	.34	
	321918	Other millwork (including flooring)	X	12 567	.44	
	3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	X	12 325	.44	
	322222	Coated and laminated paper manufacturing	X	D	S	
	3222226	Wallcoverings	X	D	S	
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	X	D	S	
	3261130	Unlaminated plastics film and sheet, excluding packaging	X	D	S	
	337920	Blind and shade manufacturing	X	2 398 761	84.71	
	3379202	Window shades and window shade accessories and rollers	X	513 520	18.13	
	3379204	Venetian blinds, including components and parts	X	920 931	32.52	
	3379208	Other blinds and shades, including curtain and drapery fixtures, poles, and rods	X	784 176	27.69	
	337920W	Blind and shade manufacturing, nsk, total	X	180 134	6.36	
	930000	Receipts for work done for others on their materials	X	9 543	.34	
	9300000	Receipts for work done for others on their materials	X	9 543	.34	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 113	.82	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	23 113	.82	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	337 440	11.92	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	337 440	11.92	
	999999	All other products made in this industry	X	18 492	.65	
	9999999	All other products made in this industry	X	18 734	.66	
	339111		Laboratory apparatus and furniture manufacturing	4 594 673	X	100.00
		325412	Pharmaceutical preparation manufacturing	X	D	S
		325412V	In vivo diagnostic substances	X	D	S
		332710	Machine shops	X	D	S
		3327100	Receipts for machine shop job work and job order repairs	X	D	S
		332999	All other miscellaneous fabricated metal product manufacturing	X	D	S
		332999H	All other miscellaneous fabricated metal products	X	D	S
		333314	Optical instrument and lens manufacturing	X	D	S
		3333143	All other miscellaneous optical instruments and lenses	X	D	S
334510		Electromedical and electrotherapeutic apparatus manufacturing	X	D	S	
3345101		Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	D	S	
334513		Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	7 076	.15	
3345130		Process control instruments	X	7 076	.15	
334515		Instrument manufacturing for measuring and testing electricity and electrical signals	X	D	S	
3345153		Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	X	D	S	
334516		Analytical laboratory instrument manufacturing	X	5 337	.12	
3345160		Analytical and scientific instruments, except optical	X	5 337	.12	
334519		Other measuring and controlling device manufacturing	X	6 907	.15	
337214		Office furniture (except wood) manufacturing	X	D	S	
3372147		Nonwood office files, storage units, and tables	X	D	S	
337214A		Nonwood office furniture panel systems, desking systems, and other nonwood office furniture	X	D	S	
339111		Laboratory apparatus and furniture manufacturing	X	3 893 164	84.73	
3391114		Hospital beds	X	D	S	
3391116		Hospital furniture	X	847 940	18.45	
3391118		Laboratory apparatus and furniture	X	D	S	
339111W		Laboratory apparatus and furniture manufacturing, nsk, total	X	167 924	3.65	
339113		Surgical appliance and supplies manufacturing	X	68 590	1.49	
3391132		Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	68 317	1.49	
339114		Dental equipment and supplies manufacturing	X	D	S	
3391141		Dental professional equipment and supplies	X	D	S	
930000		Receipts for work done for others on their materials	X	11 780	.26	
9300000		Receipts for work done for others on their materials	X	11 780	.26	
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	75 295	1.64	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	75 295	1.64	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	333 262	7.25	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	333 262	7.25	
999999		All other products made in this industry	X	31 694	.69	
9999999	All other products made in this industry	X	38 889	.85		
339112		Surgical and medical instrument manufacturing	21 852 415	X	100.00	
	322222	Coated and laminated paper manufacturing	X	D	S	
	3222225	Pressure-sensitive products	X	D	S	
	323110	Commercial lithographic printing	X	D	S	
	323110B	Other commercial and general job printing (lithographic)	X	D	S	
	325412	Pharmaceutical preparation manufacturing	X	D	S	
	3254124	Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
339112		Surgical and medical instrument manufacturing—Con.				
	325413	In-vitro diagnostic substances manufacturing	X	D	S	
	3254130	In-vitro diagnostic substances	X	D	S	
	325992	Photographic film, paper, plate, and chemical manufacturing	X	D	S	
	3259921	Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray)	X	D	S	
	326199	All other plastics product manufacturing	X	D	S	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
	326299	All other rubber product manufacturing	X	D	S	
	326299B	All other miscellaneous rubber goods	X	D	S	
	327215	Glass product manufacturing made of purchased glass	X	D	S	
	3272153	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass	X	D	S	
	332212	Hand and edge tool manufacturing	X	D	S	
	3322129	Precision measuring tools (inspection, quality control, tool room, and machinists')	X	D	S	
	332994	Small arms manufacturing	X	D	S	
	3329944	Small arms (30 mm or less, 1.18 in. or less)	X	D	S	
	333511	Industrial mold manufacturing	X	5 704	.03	
	3335110	Industrial molds and mold boxes	X	5 704	.03	
	333514	Special die and tool, die set, jig, and fixture manufacturing	X	D	S	
	3335140	Special dies, tools, jigs, and fixtures	X	D	S	
	333912	Air and gas compressor manufacturing	X	D	S	
	3339121	Air and gas compressors and vacuum pumps	X	D	S	
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	253 195	1.16	
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	253 195	1.16	
	334517	Irradiation apparatus manufacturing	X	6 388	.03	
	3345170	Irradiation (ionizing radiation) equipment	X	6 388	.03	
	339111	Laboratory apparatus and furniture manufacturing	X	61 918	.28	
	3391118	Laboratory apparatus and furniture	X	56 829	.26	
	339112	Surgical and medical instrument manufacturing	X	19 220 667	87.96	
	3391120	Surgical and medical instruments	X	19 220 667	87.96	
	339113	Surgical appliance and supplies manufacturing	X	551 017	2.52	
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	525 658	2.41	
	3391136	Personal industrial and nonindustrial safety equipment and clothing	X	25 302	.12	
	930000	Receipts for work done for others on their materials	X	91 089	.42	
	9300000	Receipts for work done for others on their materials	X	91 089	.42	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	137 227	.63	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	137 227	.63	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 159 990	5.31	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 159 990	5.31	
	999999	All other products made in this industry	X	41 841	.19	
	9999999	All other products made in this industry	X	56 228	.26	
	339113		Surgical appliance and supplies manufacturing	25 018 491	X	100.00
		313210	Broadwoven fabric mills	X	D	S
		313210P	Finished manmade fiber and silk broadwoven fabrics, finished in weaving mills	X	D	S
		313230	Nonwoven fabric mills	X	D	S
		3132303	Fabricated nonwoven products	X	D	S
		314999	All other miscellaneous textile product mills	X	D	S
		3149998	All other miscellaneous fabricated textile products	X	D	S
		315192	Underwear and nightwear knitting mills	X	D	S
		3151924	Women's, girls', and infants' knit underwear and nightwear, made in knitting mills	X	D	S
		316211	Rubber and plastics footwear manufacturing	X	D	S
		3162111	Protective footwear	X	D	S
		321999	All other miscellaneous wood product manufacturing	X	D	S
		3219990	All other miscellaneous wood product manufacturing	X	D	S
322222		Coated and laminated paper manufacturing	X	D	S	
3222225		Pressure-sensitive products	X	D	S	
325199		All other basic organic chemical manufacturing	X	D	S	
325199E		Natural organic chemicals	X	D	S	
325412		Pharmaceutical preparation manufacturing	X	D	S	
325412G		Pharmaceutical preparations, acting on skin, for human use	X	D	S	
325620		Toilet preparation manufacturing	X	D	S	
325620A		Dentifrices, mouthwashes, gargles, and rinses	X	D	S	
325620G		Other cosmetics and toilet preparations	X	D	S	
325998		All other miscellaneous chemical product and preparation manufacturing	X	D	S	
325998J		All other chemical preparations, including essential oils and water-treating compounds	X	D	S	
326111		Plastics bag manufacturing	X	D	S	
3261111		Single-web film specialty bags, pouches, and liners	X	D	S	
326199		All other plastics product manufacturing	X	D	S	
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
326299		All other rubber product manufacturing	X	11 112	.04	
326299B		All other miscellaneous rubber goods	X	D	S	
331491		Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	X	D	S	
3314912		Nickel and nickel-base alloy mill shapes	X	D	S	
3314913		Titanium and titanium-base alloy mill shapes	X	D	S	
332116		Metal stamping	X	D	S	
3321161		Job stampings, except automotive	X	D	S	
332721		Precision turned product manufacturing	X	D	S	
3327215		Precision turned products (made on CNC equipment or screw machines), except automotive	X	D	S	
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S	
3328120		Metal coating, engraving, and allied services	X	D	S	
333314		Optical instrument and lens manufacturing	X	D	S	
3333141		Sighting, tracking, and fire-control equipment, optical-type	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
339113		Surgical appliance and supplies manufacturing—Con.				
	333992	Welding and soldering equipment manufacturing	X	D	S	
	3339921	Arc welding machines, components, and accessories (except electrodes), except stud welding equipment	X	D	S	
	3339929	Gas welding and cutting equipment, parts, attachments, and accessories	X	D	S	
	333999	All other miscellaneous general purpose machinery manufacturing	X	D	S	
	333999W	All other miscellaneous general purpose machinery manufacturing, nsk, total	X	D	S	
	334510	Electromedical and electrotherapeutic apparatus manufacturing	X	105 994	.42	
	3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	X	105 994	.42	
	335931	Current-carrying wiring device manufacturing	X	D	S	
	3359319	Current-carrying wire connectors for electrical circuitry	X	D	S	
	336370	Motor vehicle metal stamping	X	D	S	
	3363700	Automotive job stampings (truck, bus, and passenger car)	X	D	S	
	339111	Laboratory apparatus and furniture manufacturing	X	113 446	.45	
	3391114	Hospital beds	X	D	S	
	3391116	Hospital furniture	X	25 800	.10	
	3391118	Laboratory apparatus and furniture	X	D	S	
	339112	Surgical and medical instrument manufacturing	X	777 941	3.11	
	3391120	Surgical and medical instruments	X	777 941	3.11	
	339113	Surgical appliance and supplies manufacturing	X	22 074 519	88.23	
	3391132	Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	X	18 155 924	72.57	
	3391136	Personal industrial and nonindustrial safety equipment and clothing	X	2 654 299	10.61	
	339113W	Surgical appliance and supplies manufacturing, nsk, total	X	1 264 296	5.05	
	339115	Ophthalmic goods manufacturing	X	D	S	
	339115B	Other ophthalmic goods and prescription ground eyeglass lenses	X	D	S	
	339920	Sporting and athletic goods manufacturing	X	7 058	.03	
	339920A	Other sporting and athletic goods	X	6 760	.03	
	930000	Receipts for work done for others on their materials	X	113 665	.45	
	9300000	Receipts for work done for others on their materials	X	113 665	.45	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	89 941	.36	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	89 941	.36	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 193 162	4.77	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 193 162	4.77	
	999999	All other products made in this industry	X	87 790	.35	
	9999999	All other products made in this industry	X	99 996	.40	
	339114		Dental equipment and supplies manufacturing	3 187 963	X	100.00
		337110	Wood kitchen cabinet and countertop manufacturing	X	D	S
		3371101	Wood stock line kitchen cabinets and related cabinetwork for permanent installation	X	D	S
		339112	Surgical and medical instrument manufacturing	X	D	S
		3391120	Surgical and medical instruments	X	D	S
		339114	Dental equipment and supplies manufacturing	X	2 718 222	85.27
		3391141	Dental professional equipment and supplies	X	1 747 265	54.81
		3391143	Dental laboratory equipment and supplies	X	663 576	20.82
		339114W	Dental equipment and supplies manufacturing, nsk, total	X	307 381	9.64
		339116	Dental laboratories	X	D	S
		3391160	Dental laboratories	X	D	S
999800		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	31 100	.98	
9998000		Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	31 100	.98	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	340 047	10.67	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	340 047	10.67	
999999		All other products made in this industry	X	8 372	.26	
9999999		All other products made in this industry	X	8 372	.26	
339115			Ophthalmic goods manufacturing	4 347 849	X	100.00
		333314	Optical instrument and lens manufacturing	X	D	S
		3333143	All other miscellaneous optical instruments and lenses	X	D	S
		339112	Surgical and medical instrument manufacturing	X	D	S
		3391120	Surgical and medical instruments	X	D	S
		339113	Surgical appliance and supplies manufacturing	X	D	S
		3391136	Personal industrial and nonindustrial safety equipment and clothing	X	D	S
		339115	Ophthalmic goods manufacturing	X	D	S
	3391151	Ophthalmic fronts and temples	X	67 476	1.55	
	3391153	Ophthalmic glass focal lenses	X	42 548	.98	
	3391155	Ophthalmic plastics focal lenses	X	585 451	13.47	
	3391157	Contact lenses	X	1 851 787	42.59	
	339115B	Other ophthalmic goods and prescription ground eyeglass lenses	X	D	S	
	339115W	Ophthalmic goods manufacturing, nsk, total	X	368 325	8.47	
	930000	Receipts for work done for others on their materials	X	20 756	.48	
	9300000	Receipts for work done for others on their materials	X	20 756	.48	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 439	.13	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	5 439	.13	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	307 048	7.06	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	307 048	7.06	
	999999	All other products made in this industry	X	6 678	.15	
	9999999	All other products made in this industry	X	8 103	.19	
339116		Dental laboratories	3 368 241	X	100.00	
	339114	Dental equipment and supplies manufacturing	X	75 988	2.26	
	3391141	Dental professional equipment and supplies	X	8 828	.26	
	3391143	Dental laboratory equipment and supplies	X	67 160	1.99	
	339116	Dental laboratories	X	3 094 125	91.86	
	3391160	Dental laboratories	X	3 094 125	91.86	
	930000	Receipts for work done for others on their materials	X	8 844	.26	
	9300000	Receipts for work done for others on their materials	X	8 844	.26	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
339116		Dental laboratories—Con.				
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 398	.75	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	25 398	.75	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	163 886	4.87	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	163 886	4.87	
999999	All other products made in this industry	X	—	—		
9999999	All other products made in this industry	X	—	—		
339911		Jewelry (except costume) manufacturing	6 440 238	X	100.00	
	322214	Fiber can, tube, drum, and similar products manufacturing	X	D	S	
	3222143	Fiber cans, tubes, and similar fiber products	X	D	S	
	323119	Other commercial printing	X	D	S	
	3231199	Advertising printing (letterpress)	X	D	S	
	332116	Metal stamping	X	D	S	
	3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	X	D	S	
	332212	Hand and edge tool manufacturing	X	D	S	
	3322128	All other miscellaneous handtools	X	D	S	
	334518	Watch, clock, and part manufacturing	X	D	S	
	3345182	Watches, watchcases, movements, and modules (including watch parts)	X	D	S	
	339911	Jewelry (except costume) manufacturing	X	5 496 213	85.34	
	3399111	Jewelry made of gold and platinum, excluding jewelry made of gold and platinum clad or plated to silver and nonprecious metal	X	3 484 582	54.11	
	3399113	Jewelry made of silver (including jewelry made of gold and platinum clad or plated to silver), excluding jewelry made of silver clad or plated to nonprecious metal	X	746 487	11.59	
	3399115	Other jewelry, except costume	X	630 949	9.80	
	3399117	Stamped metal coins, including stamped metal tokens	X	30 239	.47	
	339911W	Jewelry (except costume) manufacturing, nsk, total	X	603 956	9.38	
	339913	Jewelers' material and lapidary work manufacturing	X	191 444	2.97	
	3399132	Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels)	X	D	S	
	3399133	Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal	X	D	S	
	339914	Costume jewelry and novelty manufacturing	X	D	S	
	3399140	Costume jewelry and novelties	X	D	S	
	930000	Receipts for work done for others on their materials	X	29 862	.46	
	9300000	Receipts for work done for others on their materials	X	29 862	.46	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	14 493	.23	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	14 493	.23	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	590 926	9.18	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	590 926	9.18	
	999999	All other products made in this industry	X	9 833	.15	
	9999999	All other products made in this industry	X	12 306	.19	
	339912		Silverware and hollowware manufacturing	573 094	X	100.00
		332211	Cutlery and flatware (except precious) manufacturing	X	D	S
		3322112	Cutlery, scissors, shears, trimmers, and snips	X	D	S
332999		All other miscellaneous fabricated metal product manufacturing	X	32 570	5.68	
332999H		All other miscellaneous fabricated metal products	X	32 570	5.68	
339912		Silverware and hollowware manufacturing	X	411 109	71.74	
3399122		Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	X	115 776	20.20	
3399125		Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	X	259 212	45.23	
339912W		Silverware and hollowware manufacturing, nsk, total	X	36 121	6.30	
339999		All other miscellaneous manufacturing	X	D	S	
339999E		Mirror and picture frames and framed pictures	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	89 014	15.53	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	89 014	15.53	
999999		All other products made in this industry	X	7 631	1.33	
9999999		All other products made in this industry	X	10 806	1.89	
339913			Jewelers' material and lapidary work manufacturing	1 028 634	X	100.00
		332212	Hand and edge tool manufacturing	X	D	S
	3322128	All other miscellaneous handtools	X	D	S	
	339911	Jewelry (except costume) manufacturing	X	D	S	
	3399111	Jewelry made of gold and platinum, excluding jewelry made of gold and platinum clad or plated to silver and nonprecious metal	X	11 180	1.09	
	3399113	Jewelry made of silver (including jewelry made of gold and platinum clad or plated to silver), excluding jewelry made of silver clad or plated to nonprecious metal	X	6 739	.66	
	339913	Jewelers' material and lapidary work manufacturing	X	856 468	83.26	
	3399132	Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels)	X	D	S	
	3399133	Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal	X	D	S	
	3399135	Other jewelers' findings and materials, including jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal	X	42 912	4.17	
	339913W	Jewelers' material and lapidary work manufacturing, nsk, total	X	75 793	7.37	
	930000	Receipts for work done for others on their materials	X	11 130	1.08	
	9300000	Receipts for work done for others on their materials	X	11 130	1.08	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	130 949	12.73	
9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	130 949	12.73		

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
339913		Jewelers' material and lapidary work manufacturing—Con.			
	999999	All other products made in this industry	X	3 666	.36
	9999999	All other products made in this industry	X	5 289	.51
339914		Costume jewelry and novelty manufacturing	820 064	X	100.00
	339911	Jewelry (except costume) manufacturing	X	D	S
	3399113	Jewelry made of silver (including jewelry made of gold and platinum clad or plated to silver), excluding jewelry made of silver clad or plated to nonprecious metal	X	7 929	.97
	339914	Costume jewelry and novelty manufacturing	X	D	S
	3399140	Costume jewelry and novelties	X	D	S
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	86 601	10.56
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	86 601	10.56
	999999	All other products made in this industry	X	9 644	1.18
	9999999	All other products made in this industry	X	13 404	1.63
339920		Sporting and athletic goods manufacturing	11 963 702	X	100.00
	326199	All other plastics product manufacturing	X	17 669	.15
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	12 273	.10
	332323	Ornamental and architectural metal work manufacturing	X	D	S
	3323233	Ornamental and architectural metal work	X	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	X	D	S
	3369912	Bicycles and parts (excluding children's two-wheel sidewalk cycles with solid or semipneumatic tires)	X	D	S
	339113	Surgical appliance and supplies manufacturing	X	6 413	.05
	339920	Sporting and athletic goods manufacturing	X	10 532 622	88.04
	3399201	Fishing tackle and equipment	X	582 712	4.87
	3399203	Golf equipment, excluding apparel and shoes	X	D	S
	3399205	Playground equipment	X	D	S
	3399207	Gymnasium and exercise equipment	X	2 259 253	18.88
	339920A	Other sporting and athletic goods	X	3 226 273	26.97
	339920W	Sporting and athletic goods manufacturing, nsk, total	X	812 224	6.79
	930000	Receipts for work done for others on their materials	X	76 805	.64
	9300000	Receipts for work done for others on their materials	X	76 805	.64
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	42 483	.36
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	42 483	.36
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 199 861	10.03
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 199 861	10.03
	999999	All other products made in this industry	X	58 455	.49
	9999999	All other products made in this industry	X	70 264	.59
339931		Doll and stuffed toy manufacturing	332 649	X	100.00
	339931	Doll and stuffed toy manufacturing	X	262 443	78.89
	3399310	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories)	X	262 443	78.89
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	53 557	16.10
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	53 557	16.10
	999999	All other products made in this industry	X	16 649	5.00
	9999999	All other products made in this industry	X	16 649	5.00
339932		Game, toy, and children's vehicle manufacturing	3 942 020	X	100.00
	316991	Luggage manufacturing	X	D	S
	3169910	Luggage	X	D	S
	326199	All other plastics product manufacturing	X	8 367	.21
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	5 259	.13
	332992	Small arms ammunition manufacturing	X	D	S
	3329920	Small arms ammunition	X	D	S
	334119	Other computer peripheral equipment manufacturing	X	D	S
	3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	X	D	S
	334310	Audio and video equipment manufacturing	X	D	S
	3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	X	D	S
	339931	Doll and stuffed toy manufacturing	X	6 278	.16
	3399310	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories)	X	6 278	.16
	339932	Game, toy, and children's vehicle manufacturing	X	3 315 222	84.10
	3399322	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires	X	D	S
	3399326	Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures	X	D	S
	3399327	Nonelectronic games and puzzles, including parts	X	465 959	11.82
	3399328	Other nonelectronic toys, including parts	X	1 193 240	30.27
	3399329	Other electronic toys and games, including home video games (excluding cartridges, disks, and tapes)	X	815 531	20.69
	339932W	Game, toy, and children's vehicle manufacturing, nsk, total	X	251 963	6.39
	339941	Pen and mechanical pencil manufacturing	X	D	S
	3399413	Markers	X	D	S
	339942	Lead pencil and art good manufacturing	X	D	S
	3399421	Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards	X	D	S
	930000	Receipts for work done for others on their materials	X	11 997	.30
	9300000	Receipts for work done for others on their materials	X	11 997	.30
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 192	.41
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	16 192	.41
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	474 902	12.05

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
339932		Game, toy, and children's vehicle manufacturing—Con.				
	999890	Sales of products bought and sold without further manufacture, processing, or assembly—Con.				
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	474 902	12.05	
	999999	All other products made in this industry	X	34 666	.88	
	9999999	All other products made in this industry	X	43 827	1.11	
339941		Pen and mechanical pencil manufacturing	1 484 546	X	100.00	
	332211	Cutlery and flatware (except precious) manufacturing	X	D	S	
	3322113	Razor blades and razors, except electric	X	D	S	
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S	
	3328120	Metal coating, engraving, and allied services	X	D	S	
	339941	Pen and mechanical pencil manufacturing	X	1 091 421	73.52	
	3399411	Ballpoint and roller pens	X	598 522	40.32	
	3399413	Markers	X	325 584	21.93	
	3399415	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils	X	140 640	9.47	
	339941W	Pen and mechanical pencil manufacturing, nsk, total	X	26 675	1.80	
	339942	Lead pencil and art good manufacturing	X	49 322	3.32	
	3399421	Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards	X	D	S	
	3399423	Artists' equipment and materials	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	147 151	9.91	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	147 151	9.91	
	999999	All other products made in this industry	X	26 512	1.79	
	9999999	All other products made in this industry	X	26 536	1.79	
	339942		Lead pencil and art good manufacturing	1 529 353	X	100.00
		321999	All other miscellaneous wood product manufacturing	X	D	S
		3219990	All other miscellaneous wood product manufacturing	X	D	S
331316		Aluminum extruded product manufacturing	X	D	S	
3313163		Extruded and drawn aluminum tube	X	D	S	
333313		Office machinery manufacturing	X	D	S	
333313J		All other miscellaneous parts and attachments for office machines	X	D	S	
337122		Nonupholstered wood household furniture manufacturing	X	D	S	
337127		Institutional furniture manufacturing	X	D	S	
3371271		School furniture (except stone and concrete), excluding library furniture	X	D	S	
339941		Pen and mechanical pencil manufacturing	X	165 025	10.79	
3399411		Ballpoint and roller pens	X	D	S	
3399413		Markers	X	D	S	
339942		Lead pencil and art good manufacturing	X	1 056 777	69.10	
3399421		Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards	X	460 943	30.14	
3399423		Artists' equipment and materials	X	364 928	23.86	
3399427		Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers	X	150 552	9.84	
339942W		Lead pencil and art good manufacturing, nsk, total	X	80 354	5.25	
339943		Marking device manufacturing	X	D	S	
3399430		Marking devices	X	D	S	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	213 809	13.98	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	213 809	13.98	
999999		All other products made in this industry	X	18 409	1.20	
9999999		All other products made in this industry	X	35 374	2.31	
339943			Marking device manufacturing	594 124	X	100.00
		333313	Office machinery manufacturing	X	D	S
		333313J	All other miscellaneous parts and attachments for office machines	X	D	S
		339942	Lead pencil and art good manufacturing	X	D	S
		339943	Marking device manufacturing	X	476 130	80.14
		3399430	Marking devices	X	476 130	80.14
	339950	Sign manufacturing	X	8 375	1.41	
	3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	6 516	1.10	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	65 498	11.02	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	65 498	11.02	
	999999	All other products made in this industry	X	30 618	5.15	
	9999999	All other products made in this industry	X	37 850	6.37	
	339944		Carbon paper and inked ribbon manufacturing	651 893	X	100.00
333313		Office machinery manufacturing	X	D	S	
333313J		All other miscellaneous parts and attachments for office machines	X	D	S	
339944		Carbon paper and inked ribbon manufacturing	X	D	S	
3399441		Inked ribbons	X	D	S	
3399443		Carbon paper and stencil paper	X	90 137	13.83	
339944W		Carbon paper and inked ribbon manufacturing, nsk, total	X	67 826	10.40	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
999999		All other products made in this industry	X	8 246	1.26	
9999999	All other products made in this industry	X	8 246	1.26		
339950		Sign manufacturing	9 769 326	X	100.00	
	314912	Canvas and related product mills	X	5 474	.06	
	3149120	Canvas and related products	X	5 474	.06	
	322233	Stationery, tablet, and related product manufacturing	X	D	S	
	3222333	Tablets, pads, and related products	X	D	S	
	323113	Commercial screen printing	X	84 525	.87	
	3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	X	79 911	.82	
	323115	Digital printing	X	D	S	
	3231150	Digital printing	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
339950		Sign manufacturing—Con.			
	323119	Other commercial printing	X	22 418	.23
	3231199	Advertising printing (letterpress)	X	13 906	.14
	323119C	Other commercial and general job printing (letterpress)	X	5 549	.06
	326121	Unlaminated plastics profile shape manufacturing	X	D	S
	3261210	Unlaminated plastics profile shapes	X	D	S
	326199	All other plastics product manufacturing	X	45 044	.46
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	31 507	.32
	332322	Sheet metal work manufacturing	X	5 160	.05
	332999	All other miscellaneous fabricated metal product manufacturing	X	7 415	.08
	332999H	All other miscellaneous fabricated metal products	X	6 178	.06
	334611	Software reproducing	X	D	S
	3346110	Software reproducing	X	D	S
	335129	Other lighting equipment manufacturing	X	D	S
	3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	X	D	S
	339950	Sign manufacturing	X	8 609 309	88.13
	3399501	Electric signs	X	D	S
	3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	X	2 903 490	29.72
	3399505	Advertising specialties	X	D	S
	339950W	Sign manufacturing, nsk, total	X	1 776 702	18.19
	930000	Receipts for work done for others on their materials	X	168 895	1.73
	9300000	Receipts for work done for others on their materials	X	168 895	1.73
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	233 580	2.39
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	233 580	2.39
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	450 555	4.61
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	450 555	4.61
	999999	All other products made in this industry	X	82 253	.84
	9999999	All other products made in this industry	X	109 764	1.12
339991		Gasket, packing, and sealing device manufacturing	5 300 769	X	100.00
	313320	Fabric coating mills	X	D	S
	3133205	Other coated or laminated fabrics and coated yarns	X	D	S
	324191	Petroleum lubricating oil and grease manufacturing	X	D	S
	3241910	Petroleum lubricating oils and greases, made from refined petroleum	X	D	S
	325991	Custom compounding of purchased resins	X	D	S
	3259911	Custom compounding of purchased resins and color concentrates	X	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S
	326199	All other plastics product manufacturing	X	29 483	.56
	3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)	X	D	S
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	5 183	.10
	326220	Rubber and plastics hoses and belting manufacturing	X	D	S
	326291	Rubber product manufacturing for mechanical use	X	95 931	1.81
	3262911	Molded rubber mechanical goods automotive	X	39 972	.75
	3262912	Molded rubber mechanical goods, transportation (excluding automotive) and off-highway machinery and equipment	X	D	S
	3262913	Other molded rubber mechanical goods	X	D	S
	3262915	Other extruded rubber mechanical goods (excluding automotive)	X	D	S
	326299	All other rubber product manufacturing	X	40 048	.76
	3262996	Rubber compounds or mixtures for sale or interplant transfer	X	D	S
	3262997	All other industrial rubber products	X	10 584	.20
	332612	Spring (light gauge) manufacturing	X	D	S
	3326124	Other wire springs	X	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	X	D	S
	3339243	Parts and attachments for industrial trucks and tractors (sold separately)	X	D	S
	335991	Carbon and graphite product manufacturing	X	D	S
	3359913	All other carbon and graphite products	X	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	X	35 899	.68
	3363113	Pistons, piston rings, and piston pins (engine)	X	35 899	.68
	337214	Office furniture (except wood) manufacturing	X	D	S
	3372147	Nonwood office files, storage units, and tables	X	D	S
	339112	Surgical and medical instrument manufacturing	X	D	S
	3391120	Surgical and medical instruments	X	D	S
	339991	Gasket, packing, and sealing device manufacturing	X	4 684 004	88.36
	3399911	Compression packings	X	309 196	5.83
	3399913	Nonmetallic gaskets and gasketing	X	1 316 092	24.83
	3399915	Molded packings and seals	X	1 106 571	20.88
	3399917	Metallic gaskets and machined seals	X	736 982	13.90
	3399918	Axial mechanical face seals, including parts	X	199 800	3.77
	3399919	Rotary oil seals	X	554 332	10.46
	339991W	Gasket, packing, and sealing device manufacturing, nsk, total	X	461 031	8.70
	930000	Receipts for work done for others on their materials	X	11 430	.22
	9300000	Receipts for work done for others on their materials	X	11 430	.22
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	39 699	.75
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	39 699	.75
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	186 464	3.52
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	186 464	3.52
	999999	All other products made in this industry	X	51 800	.98
	9999999	All other products made in this industry	X	67 228	1.27
339992		Musical instrument manufacturing	1 819 286	X	100.00
	334310	Audio and video equipment manufacturing	X	D	S
	3343104	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	X	D	S

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Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments	
339992		Musical instrument manufacturing—Con.				
	339992	Musical instrument manufacturing	X	D	S	
	3399921	Nonelectronic pianos	X	173 794	9.55	
	3399923	Organs	X	105 608	5.80	
	3399925	Nonelectronic piano and organ parts, excluding benches	X	D	S	
	3399927	Other musical instruments and parts	X	D	S	
	339992W	Musical instrument manufacturing, nsk, total	X	67 740	3.72	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 141	.61	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	11 141	.61	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	67 804	3.73	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	67 804	3.73	
	999999	All other products made in this industry	X	9 765	.54	
	9999999	All other products made in this industry	X	9 765	.54	
	339993		Fastener, button, needle, and pin manufacturing	669 359	X	100.00
333511		Industrial mold manufacturing	X	D	S	
3335110		Industrial molds and mold boxes	X	D	S	
333515		Cutting tool and machine tool accessory manufacturing	X	D	S	
3335151		Small cutting tools for machine tools and metalworking machinery	X	D	S	
339993		Fastener, button, needle, and pin manufacturing	X	D	S	
3399931		Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones)	X	200 992	30.03	
3399933		Zippers and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones	X	D	S	
3399935		Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones	X	D	S	
339993W		Fastener, button, needle, and pin manufacturing, nsk, total	X	70 162	10.48	
930000		Receipts for work done for others on their materials	X	7 732	1.16	
9300000		Receipts for work done for others on their materials	X	7 732	1.16	
999890		Sales of products bought and sold without further manufacture, processing, or assembly	X	15 598	2.33	
9998900		Sales of products bought and sold without further manufacture, processing, or assembly	X	15 598	2.33	
999999		All other products made in this industry	X	13 754	2.05	
9999999		All other products made in this industry	X	13 754	2.05	
339994			Broom, brush, and mop manufacturing	2 255 714	X	100.00
		314110	Carpet and rug mills	X	D	S
		3141103	Tufted carpet and rugs	X	D	S
	321999	All other miscellaneous wood product manufacturing	X	8 546	.38	
	3219990	All other miscellaneous wood product manufacturing	X	8 546	.38	
	326199	All other plastics product manufacturing	X	D	S	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S	
	327910	Abrasive product manufacturing	X	D	S	
	3279104	Nonmetallic abrasive products (including diamond abrasives)	X	D	S	
	331222	Steel wire drawing	X	D	S	
	3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire	X	D	S	
	332323	Ornamental and architectural metal work manufacturing	X	D	S	
	3323239	Other architectural and ornamental work	X	D	S	
	339114	Dental equipment and supplies manufacturing	X	D	S	
	3391141	Dental professional equipment and supplies	X	D	S	
	339994	Broom, brush, and mop manufacturing	X	1 976 118	87.60	
	3399941	Brooms, mops, and dusters	X	513 364	22.76	
	3399945	Paint and varnish brushes and paint holders, pads, roller frames, and rollers, including replacement rollers	X	485 187	21.51	
	3399945	Other brushes	X	827 254	36.67	
	339994W	Broom, brush, and mop manufacturing, nsk, total	X	150 313	6.66	
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	D	S	
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	D	S	
	999999	All other products made in this industry	X	33 847	1.50	
	9999999	All other products made in this industry	X	34 911	1.55	
	339995		Burial casket manufacturing	1 201 488	X	100.00
		332510	Hardware manufacturing	X	D	S
		332510A	All other miscellaneous hardware	X	D	S
		339995	Burial casket manufacturing	X	D	S
		3399951	Metal burial caskets and coffins, completely lined and trimmed, adult sizes only	X	775 524	64.55
		3399953	Wood burial caskets and coffins, completely lined and trimmed, adult sizes only	X	273 190	22.74
		3399955	Other burial caskets and coffins, including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's caskets and coffins	X	D	S
		339995W	Burial casket manufacturing, nsk, total	X	54 256	4.52
		999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	13 697	1.14
		9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	13 697	1.14
		999999	All other products made in this industry	X	3 693	.31
9999999		All other products made in this industry	X	3 693	.31	
339999			All other miscellaneous manufacturing	14 128 010	X	100.00
		314999	All other miscellaneous textile product mills	X	D	S
	3149998	All other miscellaneous fabricated textile products	X	D	S	
	325998	All other miscellaneous chemical product and preparation manufacturing	X	D	S	
	325998J	All other chemical preparations, including essential oils and water-treating compounds	X	D	S	

See footnotes at end of table.

Table 1. Industry-Product Analysis—Industry Shipments by Product: 2002—Con.

[This table presents the variety of products shipped from each manufacturing industry. Most products of an industry are the products classified in the industry. Their product codes have the same first six-digits as the industry code and are referred to as primary products. However, an establishment may also ship products not classified in their industry. The first six-digits of these product codes are not the same as the industry code and are referred to as secondary products. Data for products with a value of less than \$5 million are not listed separately. These data are included in the "All other products" lines. Data based on the 2002 Economic Census. For information on confidentially protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry	Product code	Industry and product	Total value of shipments ¹ (\$1,000)	Value of product shipments (\$1,000)	Product shipments as percent of total value of shipments
339999		All other miscellaneous manufacturing—Con.			
	326199	All other plastics product manufacturing	X	30 233	.21
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	X	D	S
	327992	Ground or treated mineral and earth manufacturing	X	D	S
	3279920	Treated minerals and earths	X	D	S
	332111	Iron and steel forging	X	D	S
	3321111	Hot impression die impact, press, and upset steel forgings	X	D	S
	332116	Metal stamping	X	D	S
	332116W	Metal stamping, nsk, total	X	D	S
	332510	Hardware manufacturing	X	D	S
	332510W	Hardware manufacturing, nsk, total	X	D	S
	332618	Other fabricated wire product manufacturing	X	D	S
	332618W	Other fabricated wire product manufacturing, nsk, total	X	D	S
	332710	Machine shops	X	5 912	.04
	3327100	Receipts for machine shop job work and job order repairs	X	5 912	.04
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	X	D	S
	3328120	Metal coating, engraving, and allied services	X	D	S
	332913	Plumbing fixture fitting and trim manufacturing	X	D	S
	332913W	Plumbing fixture fitting and trim manufacturing, nsk, total	X	D	S
	334290	Other communications equipment manufacturing	X	D	S
	3342901	Alarm systems, including electric sirens and horns	X	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	X	D	S
	3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	X	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	X	D	S
	3345130	Process control instruments	X	D	S
	334519	Other measuring and controlling device manufacturing	X	D	S
	3345192	Aircraft engine instruments, except flight	X	D	S
	3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	X	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	X	7 723	.05
	3364136	Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	X	D	S
	336999	All other transportation equipment manufacturing	X	D	S
	3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	X	D	S
	337124	Metal household furniture manufacturing	X	D	S
	3371244	Metal outdoor and casual furniture, including beach, lawn, garden, and porch furniture	X	D	S
	339920	Sporting and athletic goods manufacturing	X	D	S
	339920A	Other sporting and athletic goods	X	D	S
	339950	Sign manufacturing	X	18 082	.13
	3399501	Electric signs	X	D	S
	339999	All other miscellaneous manufacturing	X	12 363 213	87.51
	3399991	Hand-portable and fixed-system (except water sprinkler system) fire extinguishing equipment, parts and attachments	X	592 289	4.19
	3399993	Coin-operated amusement machines, excluding jukeboxes	X	1 209 006	8.56
	3399995	Candles, including tapers	X	1 206 772	8.54
	3399997	Umbrellas and parasols, including parts for umbrellas and parasols	X	65 758	.47
	3399999	Artificial trees, flowers, fruits, and wreaths, including feathers and plumes	X	259 768	1.84
	339999E	Mirror and picture frames and framed pictures	X	1 377 514	9.75
	339999K	All other miscellaneous fabricated products	X	5 156 347	36.50
	339999W	All other miscellaneous manufacturing, nsk, total	X	2 495 759	17.67
	930000	Receipts for work done for others on their materials	X	147 136	1.04
	9300000	Receipts for work done for others on their materials	X	147 136	1.04
	999800	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	96 691	.68
	9998000	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.	X	96 691	.68
	999890	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 157 445	8.19
	9998900	Sales of products bought and sold without further manufacture, processing, or assembly	X	1 157 445	8.19
	999999	All other products made in this industry	X	102 452	.73
	9999999	All other products made in this industry	X	112 878	.80

¹Data represent total value of shipments for most industries. For industries 311411, 311412, 311421, 311422, 311711, 311712, 311941, 311999, 312140, 312210, 312221, and 312229 value of production is shown. For industry 336611, value of work done is shown.

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

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311111		Dog and cat food manufacturing	9 784 304	100.00
	311111	Dog and cat food manufacturing	D	S
	311119	Other animal food manufacturing	D	S
3111111		Dog food	5 975 051	61.07
	311111	Dog and cat food manufacturing	D	S
	311119	Other animal food manufacturing	D	S
3111114		Cat food	3 541 476	36.20
	311111	Dog and cat food manufacturing	3 524 745	99.53
	311119	Other animal food manufacturing	16 731	.47
311111W		Dog and cat food manufacturing, nsk, total	267 777	2.74
	311111	Dog and cat food manufacturing	D	S
	311119	Other animal food manufacturing	D	S
311119		Other animal food manufacturing	15 845 289	100.00
	311111	Dog and cat food manufacturing	D	S
	311119	Other animal food manufacturing	15 624 122	98.60
	311211	Flour milling	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	7 823	.05
	311421	Fruit and vegetable canning	D	S
	311513	Cheese manufacturing	D	S
	311611	Animal (except poultry) slaughtering	D	S
	311613	Rendering and meat byproduct processing	D	S
	325193	Ethyl alcohol manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
3111191		Chicken and turkey feed, supplements, concentrates, and premixes	5 325 527	33.61
	311119	Other animal food manufacturing	5 323 979	99.97
3111194		Dairy cattle feed, complete	1 621 456	10.23
	311119	Other animal food manufacturing	1 621 456	100.00
3111197		Dairy cattle feed supplements, concentrates, and premixes	973 643	6.14
	311119	Other animal food manufacturing	D	S
	311513	Cheese manufacturing	D	S
311119A		Swine feed, complete	533 191	3.36
	311119	Other animal food manufacturing	D	S
	311611	Animal (except poultry) slaughtering	D	S
311119D		Swine feed supplements, concentrates, and premixes	571 830	3.61
	311119	Other animal food manufacturing	571 732	99.98
311119G		Beef cattle feed, complete	617 001	3.89
	311119	Other animal food manufacturing	617 001	100.00
311119J		Beef cattle feed supplements, concentrates, and premixes	636 915	4.02
	311111	Dog and cat food manufacturing	D	S
	311119	Other animal food manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
311119M		Other poultry and livestock feed	810 973	5.12
	311119	Other animal food manufacturing	D	S
	325193	Ethyl alcohol manufacturing	D	S
311119P		Other prepared animal feeds, including feeding materials and adjuncts	659 443	4.16
	311119	Other animal food manufacturing	593 139	89.95
	311211	Flour milling	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311613	Rendering and meat byproduct processing	D	S
	325312	Phosphatic fertilizer manufacturing	D	S
311119R		Specialty feeds	1 037 081	6.55
	311111	Dog and cat food manufacturing	D	S
	311119	Other animal food manufacturing	950 131	91.62
	325412	Pharmaceutical preparation manufacturing	D	S
311119W		Other animal food manufacturing, nsk, total	3 058 229	19.30
	311119	Other animal food manufacturing	3 034 369	99.22
	311211	Flour milling	23 121	.76
311211		Flour milling	6 736 639	100.00
	311119	Other animal food manufacturing	10 785	.16
	311211	Flour milling	6 481 880	96.22
	311221	Wet corn milling	D	S
	311222	Soybean processing	D	S
	311230	Breakfast cereal manufacturing	19 012	.28
	311612	Meat processed from carcasses	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	6 667	.10
	311942	Spice and extract manufacturing	D	S
	325193	Ethyl alcohol manufacturing	D	S
3112111		Wheat flour (except flour mixes), made in flour mills	4 324 988	64.20
	311211	Flour milling	4 296 154	99.33
	311221	Wet corn milling	D	S
	311942	Spice and extract manufacturing	D	S
3112114		Wheat mill products, except flour	495 977	7.36
	311211	Flour milling	433 282	87.36
	311230	Breakfast cereal manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	325193	Ethyl alcohol manufacturing	D	S
3112117		Corn mill products	940 807	13.97
	311119	Other animal food manufacturing	D	S
	311211	Flour milling	D	S
	311222	Soybean processing	D	S
311211A		Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills	565 584	8.40
	311211	Flour milling	537 845	95.10
	311230	Breakfast cereal manufacturing	D	S
	311612	Meat processed from carcasses	D	S
311211B		Other grain mill products	238 252	3.54
	311211	Flour milling	D	S
	311221	Wet corn milling	D	S
311211W		Flour milling, nsk, total	171 031	2.54
	311211	Flour milling	170 745	99.83
311212		Rice milling	1 664 652	100.00
	311211	Flour milling	6 143	.37
	311212	Rice milling	D	S
	311823	Dry pasta manufacturing	D	S
3112120		Rice milling	1 664 652	100.00
	311211	Flour milling	6 143	.37

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311212		Rice milling—Con.		
3112120		Rice milling—Con.		
	311212	Rice milling	D	S
	311823	Dry pasta manufacturing	D	S
311213		Malt manufacturing	494 011	100.00
	311211	Flour milling	D	S
	311213	Malt manufacturing	D	S
3112130		Malt	494 011	100.00
	311211	Flour milling	D	S
	311213	Malt manufacturing	D	S
311221		Wet corn milling	6 857 302	100.00
	311221	Wet corn milling	6 729 824	98.14
	311222	Soybean processing	D	S
	311225	Fats and oils refining and blending	77 405	1.13
	325193	Ethyl alcohol manufacturing	D	S
3112211		Corn sweeteners	3 106 601	45.30
	311221	Wet corn milling	3 100 772	99.81
3112214		Manufactured starch	1 696 085	24.73
	311221	Wet corn milling	D	S
	325193	Ethyl alcohol manufacturing	D	S
3112218		Corn oil	347 827	5.07
	311221	Wet corn milling	271 778	78.14
	311222	Soybean processing	D	S
	311225	Fats and oils refining and blending	D	S
311221A		Wet process corn byproducts	1 246 354	18.18
	311221	Wet corn milling	D	S
	325193	Ethyl alcohol manufacturing	D	S
311221W		Wet corn milling, nsk, total	460 435	6.71
	311221	Wet corn milling	458 293	99.53
311222		Soybean processing	10 833 935	100.00
	311222	Soybean processing	10 298 521	95.06
	311225	Fats and oils refining and blending	494 172	4.56
	311340	Nonchocolate confectionery manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
3112221		Soybean oil	2 745 728	25.34
	311222	Soybean processing	2 613 785	95.19
	311225	Fats and oils refining and blending	131 744	4.80
3112224		Soybean cake, meal, and other byproducts	7 955 369	73.43
	311222	Soybean processing	7 551 898	94.93
	311225	Fats and oils refining and blending	362 428	4.56
	311340	Nonchocolate confectionery manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
311222W		Soybean processing, nsk, total	132 838	1.23
	311222	Soybean processing	132 838	100.00
311223		Other oilseed processing	1 309 321	100.00
	311222	Soybean processing	D	S
	311223	Other oilseed processing	D	S
	311225	Fats and oils refining and blending	125 779	9.61
	311911	Roasted nuts and peanut butter manufacturing	D	S
	325193	Ethyl alcohol manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
3112231		Crude cottonseed oil	104 458	7.98
	311223	Other oilseed processing	102 665	98.28
3112234		Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products)	165 746	12.66
	311222	Soybean processing	D	S
	311223	Other oilseed processing	135 828	81.95
	311225	Fats and oils refining and blending	D	S
3112237		Cotton linters	62 138	4.75
	311223	Other oilseed processing	57 433	92.43
311223A		Cottonseed cake and meal and other byproducts	286 330	21.87
	311223	Other oilseed processing	D	S
	311225	Fats and oils refining and blending	D	S
	325193	Ethyl alcohol manufacturing	D	S
311223D		Linseed oil	D	S
	311223	Other oilseed processing	D	S
311223G		Other vegetable oils	D	S
	311222	Soybean processing	D	S
	311223	Other oilseed processing	D	S
	311225	Fats and oils refining and blending	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
311223J		Other vegetable oil mill products	137 114	10.47
	311223	Other oilseed processing	D	S
	311225	Fats and oils refining and blending	D	S
311225		Fats and oils refining and blending	8 437 004	100.00
	311221	Wet corn milling	D	S
	311222	Soybean processing	1 840 047	21.81
	311223	Other oilseed processing	D	S
	311225	Fats and oils refining and blending	6 223 147	73.76
	311421	Fruit and vegetable canning	D	S
	311512	Creamery butter manufacturing	D	S
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
3112252		Shortening and cooking oils	6 681 530	79.19
	311221	Wet corn milling	D	S
	311222	Soybean processing	D	S
	311223	Other oilseed processing	D	S
	311225	Fats and oils refining and blending	4 609 830	68.99
	311421	Fruit and vegetable canning	D	S
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311225		Fats and oils refining and blending—Con.		
3112254		Margarine, butter blends, and butter substitutes	1 321 386	15.66
	311222	Soybean processing	D	S
	311223	Other oilseed processing	D	S
	311225	Fats and oils refining and blending	1 179 229	89.24
	311512	Creamery butter manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
311225W		Fats and oils refining and blending, nsk, total	434 088	5.15
	311225	Fats and oils refining and blending	434 088	100.00
311230		Breakfast cereal manufacturing	7 832 992	100.00
	311211	Flour milling	D	S
	311230	Breakfast cereal manufacturing	7 321 475	93.47
	311340	Nonchocolate confectionery manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
3112301		Ready-to-serve breakfast cereal foods (except infant cereals)	7 102 823	90.68
	311230	Breakfast cereal manufacturing	6 629 326	93.33
	311340	Nonchocolate confectionery manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
3112304		Other breakfast cereal foods	621 930	7.94
	311230	Breakfast cereal manufacturing	587 498	94.46
	311422	Specialty canning	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
311230W		Breakfast cereal manufacturing, nsk, total	108 239	1.38
	311230	Breakfast cereal manufacturing	104 651	96.69
311311		Sugarcane mills	1 663 551	100.00
	311311	Sugarcane mills	D	S
	311312	Cane sugar refining	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
3113110		Raw cane sugar	1 663 551	100.00
	311311	Sugarcane mills	D	S
	311312	Cane sugar refining	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
311312		Cane sugar refining	2 656 775	100.00
	311311	Sugarcane mills	D	S
	311312	Cane sugar refining	2 634 576	99.16
	311313	Beet sugar manufacturing	D	S
3113120		Refined granulated cane sugar and by-products	2 656 775	100.00
	311311	Sugarcane mills	D	S
	311312	Cane sugar refining	2 634 576	99.16
	311313	Beet sugar manufacturing	D	S
311313		Beet sugar manufacturing	2 206 922	100.00
	311312	Cane sugar refining	D	S
	311313	Beet sugar manufacturing	D	S
3113130		Beet sugar	2 206 922	100.00
	311312	Cane sugar refining	D	S
	311313	Beet sugar manufacturing	D	S
311320		Chocolate and confectionery manufacturing from cacao beans	4 005 215	100.00
	311230	Breakfast cereal manufacturing	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	3 697 075	92.31
	311330	Confectionery manufacturing from purchased chocolate	134 279	3.35
	311340	Nonchocolate confectionery manufacturing	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311920	Coffee and tea manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
3113201		Chocolate coatings, made from cacao beans	711 658	17.77
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
3113204		Chocolate and chocolate-type confectionery products, made from cacao beans	2 028 528	50.65
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311340	Nonchocolate confectionery manufacturing	D	S
3113207		Other chocolate and cocoa products, made from cacao beans	1 161 045	28.99
	311230	Breakfast cereal manufacturing	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	1 058 718	91.19
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311920	Coffee and tea manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
311320W		Chocolate and confectionery manufacturing from cacao beans, nsk, total	103 984	2.60
	311320	Chocolate and confectionery manufacturing from cacao beans	102 734	98.80
311330		Confectionery manufacturing from purchased chocolate	7 633 688	100.00
	311330	Confectionery manufacturing from purchased chocolate	7 334 923	96.09
	311340	Nonchocolate confectionery manufacturing	134 275	1.76
	311421	Fruit and vegetable canning	D	S
	311520	Ice cream and frozen dessert manufacturing	D	S
	311812	Commercial bakeries	D	S
	311821	Cookie and cracker manufacturing	D	S
	311911	Roasted nuts and peanut butter manufacturing	9 269	.12
	311930	Flavoring syrup and concentrate manufacturing	D	S
3113301		Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	6 896 304	90.34
	311330	Confectionery manufacturing from purchased chocolate	6 648 236	96.40
	311340	Nonchocolate confectionery manufacturing	89 234	1.29
	311421	Fruit and vegetable canning	D	S
	311520	Ice cream and frozen dessert manufacturing	D	S
	311812	Commercial bakeries	D	S
	311821	Cookie and cracker manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311330		Confectionery manufacturing from purchased chocolate—Con.		
3113301		Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment—Con.		
	311911	Roasted nuts and peanut butter manufacturing	9 249	.13
	311930	Flavoring syrup and concentrate manufacturing	D	S
3113302		Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment	225 335	2.95
	311330	Confectionery manufacturing from purchased chocolate	176 972	78.54
	311340	Nonchocolate confectionery manufacturing	45 041	19.99
311330W		Confectionery manufacturing from purchased chocolate, nsk, total	512 049	6.71
	311330	Confectionery manufacturing from purchased chocolate	509 715	99.54
311340		Nonchocolate confectionery manufacturing	6 615 124	100.00
	311320	Chocolate and confectionery manufacturing from cacao beans	59 863	.90
	311330	Confectionery manufacturing from purchased chocolate	823 486	12.45
	311340	Nonchocolate confectionery manufacturing	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311812	Commercial bakeries	14 009	.21
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	75 138	1.14
	311911	Roasted nuts and peanut butter manufacturing	9 097	.14
3113401		Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	4 308 464	65.13
	311320	Chocolate and confectionery manufacturing from cacao beans	58 424	1.36
	311330	Confectionery manufacturing from purchased chocolate	786 008	18.24
	311340	Nonchocolate confectionery manufacturing	3 324 393	77.16
	311423	Dried and dehydrated food manufacturing	D	S
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	75 138	1.74
3113402		Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment	99 448	1.50
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311340	Nonchocolate confectionery manufacturing	D	S
3113404		Chewing gum, bubble gum, and chewing gum base	1 738 964	26.29
	311340	Nonchocolate confectionery manufacturing	1 734 989	99.77
3113407		Other confectionery-type products	239 914	3.63
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311340	Nonchocolate confectionery manufacturing	D	S
	311812	Commercial bakeries	D	S
	311911	Roasted nuts and peanut butter manufacturing	5 746	2.40
311340W		Nonchocolate confectionery manufacturing, nsk, total	228 334	3.45
	311340	Nonchocolate confectionery manufacturing	228 130	99.91
311411		Frozen fruit, juice, and vegetable manufacturing	8 591 661	100.00
	311411	Frozen fruit, juice, and vegetable manufacturing	8 390 043	97.65
	311421	Fruit and vegetable canning	160 598	1.87
	311520	Ice cream and frozen dessert manufacturing	D	S
	311712	Fresh and frozen seafood processing	D	S
3114111		Frozen fruits, juices, ades, drinks, and cocktails	2 446 828	28.48
	311411	Frozen fruit, juice, and vegetable manufacturing	2 381 179	97.32
	311421	Fruit and vegetable canning	D	S
	311520	Ice cream and frozen dessert manufacturing	D	S
3114114		Frozen vegetables	5 803 345	67.55
	311411	Frozen fruit, juice, and vegetable manufacturing	5 667 449	97.66
	311421	Fruit and vegetable canning	D	S
	311712	Fresh and frozen seafood processing	D	S
311411W		Frozen fruit, juice, and vegetable manufacturing, nsk, total	341 488	3.97
	311411	Frozen fruit, juice, and vegetable manufacturing	341 415	99.98
311412		Frozen specialty food manufacturing	12 351 134	100.00
	311411	Frozen fruit, juice, and vegetable manufacturing	96 581	.78
	311412	Frozen specialty food manufacturing	11 987 336	97.05
	311511	Fluid milk manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311612	Meat processed from carcasses	45 192	.37
	311615	Poultry processing	D	S
	311712	Fresh and frozen seafood processing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311991	Perishable prepared food manufacturing	8 581	.07
3114121		Frozen dinners (beef, pork, and poultry pies) and nationality foods	8 362 236	67.70
	311411	Frozen fruit, juice, and vegetable manufacturing	65 641	.78
	311412	Frozen specialty food manufacturing	8 111 728	97.00
	311511	Fluid milk manufacturing	D	S
	311612	Meat processed from carcasses	45 192	.54
	311615	Poultry processing	D	S
	311991	Perishable prepared food manufacturing	8 581	.10
3114124		Other frozen specialties	2 940 795	23.81
	311411	Frozen fruit, juice, and vegetable manufacturing	30 940	1.05
	311412	Frozen specialty food manufacturing	2 827 505	96.15
	311511	Fluid milk manufacturing	17 386	.59
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311615	Poultry processing	6 937	.24
	311712	Fresh and frozen seafood processing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
311412W		Frozen specialty food manufacturing, nsk, total	1 048 103	8.49
	311412	Frozen specialty food manufacturing	1 048 103	100.00
311421		Fruit and vegetable canning	18 767 941	100.00
	311221	Wet corn milling	D	S
	311225	Fats and oils refining and blending	D	S
	311340	Nonchocolate confectionery manufacturing	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	169 456	.90
	311421	Fruit and vegetable canning	16 553 925	88.20
	311422	Specialty canning	D	S
	311511	Fluid milk manufacturing	360 353	1.92
	311512	Creamery butter manufacturing	D	S
	311513	Cheese manufacturing	16 493	.09
	311514	Dry, condensed, and evaporated dairy product manufacturing	33 430	.18

See footnotes at end of table.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311421		Fruit and vegetable canning—Con.		
	311520	Ice cream and frozen dessert manufacturing	21 648	.12
	311612	Meat processed from carcasses	59 558	.32
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	276 969	1.48
	311991	Perishable prepared food manufacturing	D	S
	312111	Soft drink manufacturing	D	S
3114211		Canned fruits, except baby foods	2 127 937	11.34
	311421	Fruit and vegetable canning	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
3114214		Canned vegetables, except hominy and mushrooms	2 775 443	14.79
	311221	Wet corn milling	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311421	Fruit and vegetable canning	2 660 803	95.87
	311422	Specialty canning	D	S
	311513	Cheese manufacturing	D	S
	311612	Meat processed from carcasses	D	S
3114217		Canned hominy and mushrooms	142 115	.76
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
311421A		Canned vegetable juices	601 700	3.21
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
311421D		Canned catsup and other tomato based sauces	4 273 116	22.77
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311421	Fruit and vegetable canning	3 394 375	79.44
	311422	Specialty canning	D	S
	311511	Fluid milk manufacturing	D	S
	311513	Cheese manufacturing	D	S
	311612	Meat processed from carcasses	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	160 811	3.76
311421G		Canned jams, jellies, and preserves	1 170 649	6.24
	311340	Nonchocolate confectionery manufacturing	D	S
	311421	Fruit and vegetable canning	1 084 565	92.65
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311991	Perishable prepared food manufacturing	D	S
311421J		Canned fruit juices, nectars, and concentrates	3 283 334	17.49
	311411	Frozen fruit, juice, and vegetable manufacturing	95 144	2.90
	311421	Fruit and vegetable canning	3 108 172	94.67
	311511	Fluid milk manufacturing	D	S
	312111	Soft drink manufacturing	D	S
311421M		Fresh fruit juices and nectars	1 729 920	9.22
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311421	Fruit and vegetable canning	1 311 079	75.79
	311511	Fluid milk manufacturing	312 623	18.07
	311512	Creamery butter manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	30 574	1.77
	311520	Ice cream and frozen dessert manufacturing	21 648	1.25
311421P		Pickles and other pickled products	1 475 140	7.86
	311421	Fruit and vegetable canning	1 382 678	93.73
	311511	Fluid milk manufacturing	D	S
	311612	Meat processed from carcasses	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
311421W		Fruit and vegetable canning, nsk, total	1 188 587	6.33
	311421	Fruit and vegetable canning	1 187 801	99.93
311422		Specialty canning	6 593 010	100.00
	311230	Breakfast cereal manufacturing	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311412	Frozen specialty food manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	358 532	5.44
	311514	Dry, condensed, and evaporated dairy product manufacturing	5 950 223	90.25
	311612	Meat processed from carcasses	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	97 081	1.47
	311991	Perishable prepared food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
3114221		Canned baby foods, except cereal and biscuits	810 251	12.29
	311422	Specialty canning	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
3114224		Canned soups and stews, except frozen and seafood	3 316 050	50.30
	311230	Breakfast cereal manufacturing	D	S
	311412	Frozen specialty food manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	3 176 306	95.79
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311612	Meat processed from carcasses	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
3114227		Canned dry beans	976 059	14.80
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311421	Fruit and vegetable canning	206 747	21.18
	311422	Specialty canning	D	S
	311612	Meat processed from carcasses	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311991	All other miscellaneous food manufacturing	D	S
311422B		Other canned specialties and nationality foods	776 119	11.77
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	676 834	87.21
	311612	Meat processed from carcasses	D	S
311422W		Specialty canning, nsk, total	714 531	10.84
	311422	Specialty canning	650 527	91.04
	311612	Meat processed from carcasses	D	S
	311991	Perishable prepared food manufacturing	D	S
311423		Dried and dehydrated food manufacturing	4 546 457	100.00
	311119	Other animal food manufacturing	D	S
	311225	Fats and oils refining and blending	D	S
	311230	Breakfast cereal manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311423		Dried and dehydrated food manufacturing—Con.		
	311412	Frozen specialty food manufacturing	D	S
	311422	Specialty canning	D	S
	311423	Dried and dehydrated food manufacturing	4 217 472	92.76
	311612	Meat processed from carcasses	D	S
	311911	Roasted nuts and peanut butter manufacturing	11 244	.25
	311920	Coffee and tea manufacturing	67 401	1.48
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311942	Spice and extract manufacturing	59 476	1.31
	311991	Perishable prepared food manufacturing	11 339	.25
	311999	All other miscellaneous food manufacturing	27 899	.61
3114231		Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	1 077 242	23.69
	311225	Fats and oils refining and blending	D	S
	311412	Frozen specialty food manufacturing	D	S
	311423	Dried and dehydrated food manufacturing	1 009 482	93.71
	311920	Coffee and tea manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311942	Spice and extract manufacturing	16 954	1.57
3114235		Dried and dehydrated fruits and vegetables, including freeze-dried	2 504 614	55.09
	311119	Other animal food manufacturing	D	S
	311423	Dried and dehydrated food manufacturing	D	S
3114237		Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen	129 457	2.85
	311423	Dried and dehydrated food manufacturing	D	S
	311612	Meat processed from carcasses	D	S
3114238		Other purchased products packaged with dried and dehydrated ingredients mitse	394 989	8.69
	311230	Breakfast cereal manufacturing	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311920	Coffee and tea manufacturing	D	S
	311942	Spice and extract manufacturing	41 211	10.43
	311991	Perishable prepared food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
311423W		Dried and dehydrated food manufacturing, nsk, total	440 155	9.68
	311423	Dried and dehydrated food manufacturing	415 632	94.43
	311920	Coffee and tea manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
311511		Fluid milk manufacturing	21 644 978	100.00
	311312	Cane sugar refining	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311412	Frozen specialty food manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	19 655 981	90.81
	311512	Creamery butter manufacturing	118 323	.55
	311513	Cheese manufacturing	704 844	3.26
	311514	Dry, condensed, and evaporated dairy product manufacturing	660 545	3.05
	311520	Ice cream and frozen dessert manufacturing	255 257	1.18
	311920	Coffee and tea manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
	312111	Soft drink manufacturing	D	S
3115111		Fluid milk and cream, bulk sales	3 715 643	17.17
	311511	Fluid milk manufacturing	2 577 085	69.36
	311512	Creamery butter manufacturing	115 634	3.11
	311513	Cheese manufacturing	602 142	16.21
	311514	Dry, condensed, and evaporated dairy product manufacturing	402 884	10.84
	311520	Ice cream and frozen dessert manufacturing	17 718	.48
3115115		Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	12 164 224	56.20
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	11 737 547	96.49
	311513	Cheese manufacturing	17 141	.14
	311514	Dry, condensed, and evaporated dairy product manufacturing	110 543	.91
	311520	Ice cream and frozen dessert manufacturing	209 196	1.72
	311999	All other miscellaneous food manufacturing	D	S
3115117		Cottage cheese (including bakers', pot, and farmers' cheese)	770 882	3.56
	311511	Fluid milk manufacturing	700 698	90.90
	311513	Cheese manufacturing	59 620	7.73
	311514	Dry, condensed, and evaporated dairy product manufacturing	5 093	.66
311511A		Yogurt, except frozen	2 162 718	9.99
	311511	Fluid milk manufacturing	2 075 659	95.97
	311513	Cheese manufacturing	14 290	.66
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	312111	Soft drink manufacturing	D	S
311511D		Perishable dairy product substitutes	766 216	3.54
	311312	Cane sugar refining	D	S
	311412	Frozen specialty food manufacturing	D	S
	311511	Fluid milk manufacturing	673 441	87.89
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311920	Coffee and tea manufacturing	D	S
311511G		Other packaged milk products	1 467 567	6.78
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	1 293 984	88.17
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	109 591	7.47
	311520	Ice cream and frozen dessert manufacturing	20 271	1.38
	311999	All other miscellaneous food manufacturing	D	S
311511W		Fluid milk manufacturing, nsk, total	597 728	2.76
	311511	Fluid milk manufacturing	597 567	99.97
311512		Creamery butter manufacturing	1 996 863	100.00
	311225	Fats and oils refining and blending	D	S
	311511	Fluid milk manufacturing	203 668	10.20
	311512	Creamery butter manufacturing	1 249 518	62.57
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	388 433	19.45

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311512		Creamery butter manufacturing—Con.		
3115120		Creamery butter manufacturing	1 996 863	100.00
	311225	Fats and oils refining and blending	D	S
	311511	Fluid milk manufacturing	203 668	10.20
	311512	Creamery butter manufacturing	1 249 518	62.57
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	388 433	19.45
311513		Cheese manufacturing	20 042 934	100.00
	311511	Fluid milk manufacturing	312 922	1.56
	311512	Creamery butter manufacturing	D	S
	311513	Cheese manufacturing	19 243 240	96.01
	311514	Dry, condensed, and evaporated dairy product manufacturing	76 582	.38
	311611	Animal (except poultry) slaughtering	D	S
	311712	Fresh and frozen seafood processing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
3115131		Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese	13 719 763	68.45
	311511	Fluid milk manufacturing	272 277	1.98
	311512	Creamery butter manufacturing	D	S
	311513	Cheese manufacturing	13 420 518	97.82
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311611	Animal (except poultry) slaughtering	D	S
3115134		Process cheese and related products	5 160 468	25.75
	311511	Fluid milk manufacturing	D	S
	311513	Cheese manufacturing	4 718 389	91.43
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311712	Fresh and frozen seafood processing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
3115137		Cheese substitutes and imitations	489 267	2.44
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
311513A		Raw liquid whey	118 285	.59
	311511	Fluid milk manufacturing	D	S
	311513	Cheese manufacturing	D	S
311513W		Cheese manufacturing, nsk, total	555 151	2.77
	311513	Cheese manufacturing	D	S
	311712	Fresh and frozen seafood processing	D	S
311514		Dry, condensed, and evaporated dairy product manufacturing	9 750 215	100.00
	311230	Breakfast cereal manufacturing	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311421	Fruit and vegetable canning	60 347	.62
	311511	Fluid milk manufacturing	1 066 667	10.94
	311512	Creamery butter manufacturing	156 212	1.60
	311513	Cheese manufacturing	617 244	6.33
	311514	Dry, condensed, and evaporated dairy product manufacturing	7 702 779	79.00
	311520	Ice cream and frozen dessert manufacturing	46 724	.48
	311821	Cookie and cracker manufacturing	D	S
	311999	All other miscellaneous food manufacturing	21 123	.22
3115141		Dry milk products and mixtures	4 191 750	42.99
	311230	Breakfast cereal manufacturing	D	S
	311511	Fluid milk manufacturing	419 832	10.02
	311512	Creamery butter manufacturing	D	S
	311513	Cheese manufacturing	395 132	9.43
	311514	Dry, condensed, and evaporated dairy product manufacturing	3 273 102	78.08
3115145		Milk products, shipped in consumer-type cans, except substitutes	2 117 680	21.72
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	187 187	8.84
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	1 883 072	88.92
	311520	Ice cream and frozen dessert manufacturing	D	S
3115147		Concentrated milk products, shipped in bulk (barrels, drums, and tanks)	558 277	5.73
	311511	Fluid milk manufacturing	D	S
	311512	Creamery butter manufacturing	D	S
	311513	Cheese manufacturing	148 771	26.65
	311514	Dry, condensed, and evaporated dairy product manufacturing	282 475	50.60
311514A		Ice cream mixes and related products	871 351	8.94
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	382 937	43.95
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	385 908	44.29
	311520	Ice cream and frozen dessert manufacturing	D	S
311514D		Dairy product substitutes	1 890 117	19.39
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	D	S
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	1 757 182	92.97
	311821	Cookie and cracker manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
311514W		Dry, condensed, and evaporated dairy product manufacturing, nsk, total	121 040	1.24
	311514	Dry, condensed, and evaporated dairy product manufacturing	121 040	100.00
311520		Ice cream and frozen dessert manufacturing	7 784 683	100.00
	311511	Fluid milk manufacturing	597 241	7.67
	311513	Cheese manufacturing	D	S
	311520	Ice cream and frozen dessert manufacturing	7 149 750	91.84
	311930	Flavoring syrup and concentrate manufacturing	D	S
3115200		Ice cream and frozen dessert manufacturing	7 784 683	100.00
	311511	Fluid milk manufacturing	597 241	7.67
	311513	Cheese manufacturing	D	S
	311520	Ice cream and frozen dessert manufacturing	7 149 750	91.84
	311930	Flavoring syrup and concentrate manufacturing	D	S
311611		Animal (except poultry) slaughtering	54 001 300	100.00
	311412	Frozen specialty food manufacturing	D	S
	311611	Animal (except poultry) slaughtering	53 565 050	99.19

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311611	311612	Animal (except poultry) slaughtering—Con.		
	311613	Meat processed from carcasses	367 016	.68
	311991	Rendering and meat byproduct processing	D	S
	311991	Perishable prepared food manufacturing	D	S
3116111		Beef, not canned or made into sausage, made in slaughtering plants	32 145 346	59.53
	311412	Frozen specialty food manufacturing	D	S
	311611	Animal (except poultry) slaughtering	31 917 213	99.29
	311612	Meat processed from carcasses	D	S
3116114		Veal, not canned or made into sausage, made in slaughtering plants	476 889	.88
	311611	Animal (except poultry) slaughtering	469 890	98.53
	311612	Meat processed from carcasses	6 978	1.46
3116117		Lamb and mutton, not canned or made into sausage, made in slaughtering plants	281 392	.52
	311611	Animal (except poultry) slaughtering	281 376	99.99
311611A		Pork, not canned or made into sausage, made in slaughtering plants	12 140 264	22.48
	311611	Animal (except poultry) slaughtering	12 138 764	99.99
311611D		Lard, made in slaughtering plants	43 679	.08
	311611	Animal (except poultry) slaughtering	D	S
311611G		Pork, processed or cured, not canned or made into sausage, made in slaughtering plants	2 273 712	4.21
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
311611J		Sausage and similar products, except canned, made in slaughtering plants	2 006 968	3.72
	311611	Animal (except poultry) slaughtering	1 969 755	98.15
	311612	Meat processed from carcasses	D	S
	311991	Perishable prepared food manufacturing	D	S
311611M		Canned meats (except dog, cat, and baby food), made in slaughtering plants	169 049	.31
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
311611P		Hides, skins, and pelts, made in slaughtering plants	1 950 652	3.61
	311611	Animal (except poultry) slaughtering	1 929 581	98.92
	311612	Meat processed from carcasses	D	S
	311613	Rendering and meat byproduct processing	D	S
311611R		Miscellaneous byproducts of slaughtering plants	957 648	1.77
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
311611W		Animal (except poultry) slaughtering, nsk, total	1 555 701	2.88
	311611	Animal (except poultry) slaughtering	1 553 783	99.88
311612		Meat processed from carcasses	24 075 142	100.00
	311412	Frozen specialty food manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	46 660	.19
	311611	Animal (except poultry) slaughtering	466 793	1.94
	311612	Meat processed from carcasses	23 159 556	96.20
	311615	Poultry processing	231 773	.96
	311991	Perishable prepared food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
3116121		Pork, processed or cured, not canned or made into sausage, made from purchased carcasses	5 228 805	21.72
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	5 135 826	98.22
	311615	Poultry processing	D	S
3116124		Sausage and similar products, except canned, made from purchased carcasses	6 421 341	26.67
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	6 286 826	97.91
	311615	Poultry processing	D	S
3116127		Canned meats (except dog, cat, and baby food), made from purchased carcasses	1 148 081	4.77
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	46 660	4.06
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	817 567	71.21
	311999	All other miscellaneous food manufacturing	D	S
311612A		Other processed, frozen, or cooked meats, made from purchased carcasses	10 360 835	43.04
	311412	Frozen specialty food manufacturing	D	S
	311611	Animal (except poultry) slaughtering	130 735	1.26
	311612	Meat processed from carcasses	10 003 575	96.55
	311615	Poultry processing	134 471	1.30
	311991	Perishable prepared food manufacturing	D	S
311612W		Meat processed from carcasses, nsk, total	916 080	3.81
	311612	Meat processed from carcasses	915 762	99.97
311613		Rendering and meat byproduct processing	2 793 258	100.00
	311119	Other animal food manufacturing	D	S
	311611	Animal (except poultry) slaughtering	695 450	24.90
	311612	Meat processed from carcasses	7 544	.27
	311613	Rendering and meat byproduct processing	1 942 212	69.53
	311615	Poultry processing	104 236	3.73
	311999	All other miscellaneous food manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	6 568	.24
3116131		Lard and other greases, except wool grease	878 762	31.46
	311611	Animal (except poultry) slaughtering	346 326	39.41
	311613	Rendering and meat byproduct processing	520 587	59.24
	325998	All other miscellaneous chemical product and preparation manufacturing	5 822	.66
3116135		Animal and marine feed and fertilizer byproducts	1 863 465	66.71
	311119	Other animal food manufacturing	D	S
	311611	Animal (except poultry) slaughtering	348 936	18.73
	311613	Rendering and meat byproduct processing	1 371 124	73.58
	311615	Poultry processing	103 413	5.55
	311999	All other miscellaneous food manufacturing	D	S
311613W		Rendering and meat byproduct processing, nsk, total	51 031	1.83
	311613	Rendering and meat byproduct processing	50 501	98.96
311615		Poultry processing	37 090 083	100.00
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
	311615	Poultry processing	36 541 332	98.52
3116151		Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts	24 009 420	64.73
	311611	Animal (except poultry) slaughtering	D	S
	311615	Poultry processing	D	S
3116154		Hens and fowl, including frozen, whole, and parts	281 293	.76

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311615		Poultry processing—Con.		
3116154		Hens and fowl, including frozen, whole, and parts—Con.		
3116157	311615	Poultry processing	281 293	100.00
		Turkeys, including frozen, whole, and parts	3 619 753	9.76
	311611	Animal (except poultry) slaughtering	13 607	.38
	311615	Poultry processing	3 606 146	99.62
311615A		Other poultry and small game, including frozen, whole, and parts	226 549	.61
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
	311615	Poultry processing	D	S
311615D		Processed poultry and small game (except soups), containing 20 percent or more poultry or meat	8 735 931	23.55
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	D	S
	311615	Poultry processing	8 267 765	94.64
311615W		Poultry processing, nsk, total	217 137	.59
	311615	Poultry processing	217 040	99.96
311711		Seafood canning	1 367 617	100.00
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
	311711	Seafood canning	1 080 474	79.00
	311712	Fresh and frozen seafood processing	D	S
3117110		Seafood canning	1 367 617	100.00
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
	311711	Seafood canning	1 080 474	79.00
	311712	Fresh and frozen seafood processing	D	S
311712		Fresh and frozen seafood processing	6 932 783	100.00
	311412	Frozen specialty food manufacturing	128 608	1.86
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	5 164	.07
	311613	Rendering and meat byproduct processing	D	S
	311711	Seafood canning	95 653	1.38
	311712	Fresh and frozen seafood processing	6 664 130	96.12
3117121		Prepared fresh fish and other fresh seafood	1 246 176	17.98
	311611	Animal (except poultry) slaughtering	D	S
	311711	Seafood canning	61 307	4.92
	311712	Fresh and frozen seafood processing	D	S
3117122		Prepared frozen fish	2 512 965	36.25
	311412	Frozen specialty food manufacturing	D	S
	311611	Animal (except poultry) slaughtering	D	S
	311711	Seafood canning	18 313	.73
	311712	Fresh and frozen seafood processing	2 476 563	98.55
3117123		Prepared frozen shellfish	1 679 782	24.23
	311711	Seafood canning	D	S
	311712	Fresh and frozen seafood processing	D	S
3117124		Other prepared fresh and frozen seafood	879 583	12.69
	311412	Frozen specialty food manufacturing	D	S
	311613	Rendering and meat byproduct processing	D	S
	311711	Seafood canning	D	S
	311712	Fresh and frozen seafood processing	737 059	83.80
311712W		Fresh and frozen seafood processing, nsk, total	614 277	8.86
	311712	Fresh and frozen seafood processing	614 277	100.00
311811		Retail bakeries	2 382 311	100.00
	311412	Frozen specialty food manufacturing	D	S
	311811	Retail bakeries	2 354 170	98.82
	311812	Commercial bakeries	D	S
3118110		Retail bakery products	2 382 311	100.00
	311412	Frozen specialty food manufacturing	D	S
	311811	Retail bakeries	2 354 170	98.82
	311812	Commercial bakeries	D	S
311812		Commercial bakeries	21 410 804	100.00
	311230	Breakfast cereal manufacturing	D	S
	311422	Specialty canning	D	S
	311612	Meat processed from carcasses	D	S
	311812	Commercial bakeries	20 610 013	96.26
	311813	Frozen cakes, pies, and other pastries manufacturing	288 871	1.35
	311821	Cookie and cracker manufacturing	239 615	1.12
	311822	Flour mixes and dough manufacturing from purchased flour	128 100	.60
	311919	Other snack food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
3118121		Bread (white, wheat, rye, etc.), including frozen	7 978 287	37.26
	311612	Meat processed from carcasses	D	S
	311812	Commercial bakeries	7 779 756	97.51
	311813	Frozen cakes, pies, and other pastries manufacturing	79 321	.99
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	25 880	.32
3118125		Rolls (bread-type), muffins, bagels, and croissants	5 805 145	27.11
	311230	Breakfast cereal manufacturing	D	S
	311422	Specialty canning	D	S
	311812	Commercial bakeries	5 425 441	93.46
	311813	Frozen cakes, pies, and other pastries manufacturing	115 310	1.99
	311821	Cookie and cracker manufacturing	111 002	1.91
	311822	Flour mixes and dough manufacturing from purchased flour	51 138	.88
3118127		Soft cakes, except frozen	2 375 948	11.10
	311812	Commercial bakeries	D	S
	311813	Frozen cakes, pies, and other pastries manufacturing	D	S
311812A		Pies (fruit, cream, and custard), except frozen	462 402	2.16
	311812	Commercial bakeries	D	S
	311813	Frozen cakes, pies, and other pastries manufacturing	D	S
	311821	Cookie and cracker manufacturing	D	S
311812D		Other sweet goods, except frozen	2 269 524	10.60
	311812	Commercial bakeries	2 117 095	93.28
	311813	Frozen cakes, pies, and other pastries manufacturing	77 176	3.40
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	46 888	2.07

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311812		Commercial bakeries—Con.		
311812D		Other sweet goods, except frozen—Con.		
	311999	All other miscellaneous food manufacturing	D	S
311812W		Commercial bakeries, nsk, total	2 519 498	11.77
	311812	Commercial bakeries	2 518 726	99.97
311813		Frozen cakes, pies, and other pastries manufacturing	3 859 917	100.00
	311412	Frozen specialty food manufacturing	42 622	1.10
	311812	Commercial bakeries	303 148	7.85
	311813	Frozen cakes, pies, and other pastries manufacturing	3 413 432	88.43
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	59 115	1.53
	311991	Perishable prepared food manufacturing	D	S
3118130		Frozen bakery product manufacturing	3 859 917	100.00
	311412	Frozen specialty food manufacturing	42 622	1.10
	311812	Commercial bakeries	303 148	7.85
	311813	Frozen cakes, pies, and other pastries manufacturing	3 413 432	88.43
	311821	Cookie and cracker manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	59 115	1.53
	311991	Perishable prepared food manufacturing	D	S
311821		Cookie and cracker manufacturing	9 375 485	100.00
	311230	Breakfast cereal manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311812	Commercial bakeries	261 642	2.79
	311813	Frozen cakes, pies, and other pastries manufacturing	D	S
	311821	Cookie and cracker manufacturing	8 948 621	95.45
	311822	Flour mixes and dough manufacturing from purchased flour	35 312	.38
	311999	All other miscellaneous food manufacturing	D	S
3118212		Crackers, biscuits, and related products	3 767 729	40.19
	311421	Fruit and vegetable canning	D	S
	311812	Commercial bakeries	44 627	1.18
	311813	Frozen cakes, pies, and other pastries manufacturing	D	S
	311821	Cookie and cracker manufacturing	3 635 783	96.50
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
3118214		Cookies, wafers, and ice cream cones and cups (except frozen)	4 971 593	53.03
	311230	Breakfast cereal manufacturing	D	S
	311812	Commercial bakeries	217 015	4.37
	311813	Frozen cakes, pies, and other pastries manufacturing	32 922	.66
	311821	Cookie and cracker manufacturing	4 681 398	94.16
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311999	All other miscellaneous food manufacturing	D	S
311821W		Cookie and cracker manufacturing, nsk, total	636 163	6.79
	311821	Cookie and cracker manufacturing	631 440	99.26
311822		Flour mixes and dough manufacturing from purchased flour	4 543 605	100.00
	311230	Breakfast cereal manufacturing	D	S
	311412	Frozen specialty food manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311812	Commercial bakeries	59 640	1.31
	311813	Frozen cakes, pies, and other pastries manufacturing	D	S
	311821	Cookie and cracker manufacturing	14 788	.33
	311822	Flour mixes and dough manufacturing from purchased flour	3 812 304	83.90
3118220		Prepared flour mixes (including refrigerated and frozen doughs and batters), made from purchased flour	4 543 605	100.00
	311230	Breakfast cereal manufacturing	D	S
	311412	Frozen specialty food manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311812	Commercial bakeries	59 640	1.31
	311813	Frozen cakes, pies, and other pastries manufacturing	D	S
	311821	Cookie and cracker manufacturing	14 788	.33
	311822	Flour mixes and dough manufacturing from purchased flour	3 812 304	83.90
311823		Dry pasta manufacturing	1 627 555	100.00
	311222	Soybean processing	D	S
	311230	Breakfast cereal manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	30 410	1.87
	311823	Dry pasta manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	311991	Perishable prepared food manufacturing	6 652	.41
	311999	All other miscellaneous food manufacturing	47 011	2.89
3118230		Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	1 627 555	100.00
	311222	Soybean processing	D	S
	311230	Breakfast cereal manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	30 410	1.87
	311823	Dry pasta manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	311991	Perishable prepared food manufacturing	6 652	.41
	311999	All other miscellaneous food manufacturing	47 011	2.89
311830		Tortilla manufacturing	1 373 649	100.00
	311422	Specialty canning	D	S
	311830	Tortilla manufacturing	1 303 407	94.89
	311919	Other snack food manufacturing	23 695	1.72
	311942	Spice and extract manufacturing	D	S
	311991	Perishable prepared food manufacturing	D	S
3118300		Tortillas sold in bulk or packages, not frozen or canned	1 373 649	100.00
	311422	Specialty canning	D	S
	311830	Tortilla manufacturing	1 303 407	94.89
	311919	Other snack food manufacturing	23 695	1.72
	311942	Spice and extract manufacturing	D	S
	311991	Perishable prepared food manufacturing	D	S
311911		Roasted nuts and peanut butter manufacturing	4 936 707	100.00
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311340	Nonchocolate confectionery manufacturing	29 247	.59
	311421	Fruit and vegetable canning	140 931	2.85

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311911		Roasted nuts and peanut butter manufacturing—Con.		
	311423	Dried and dehydrated food manufacturing	D	S
	311812	Commercial bakeries	D	S
	311821	Cookie and cracker manufacturing	D	S
	311911	Roasted nuts and peanut butter manufacturing	4 528 033	91.72
	311919	Other snack food manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	6 194	.13
	311942	Spice and extract manufacturing	D	S
	311999	All other miscellaneous food manufacturing	5 389	.11
3119111		Nuts and seeds (salted, roasted, cooked, or blanched)	3 766 266	76.29
	311330	Confectionery manufacturing from purchased chocolate	13 412	.36
	311340	Nonchocolate confectionery manufacturing	29 202	.78
	311421	Fruit and vegetable canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311812	Commercial bakeries	D	S
	311821	Cookie and cracker manufacturing	D	S
	311911	Roasted nuts and peanut butter manufacturing	3 520 353	93.47
	311919	Other snack food manufacturing	6 841	.18
	311942	Spice and extract manufacturing	D	S
3119114		Peanut butter	992 486	20.10
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311421	Fruit and vegetable canning	D	S
	311911	Roasted nuts and peanut butter manufacturing	832 864	83.92
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
311911W		Roasted nuts and peanut butter manufacturing, nsk, total	177 955	3.60
	311911	Roasted nuts and peanut butter manufacturing	174 816	98.24
311919		Other snack food manufacturing	12 444 086	100.00
	311230	Breakfast cereal manufacturing	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311812	Commercial bakeries	21 989	.18
	311821	Cookie and cracker manufacturing	D	S
	311830	Tortilla manufacturing	140 724	1.13
	311911	Roasted nuts and peanut butter manufacturing	102 154	.82
	311919	Other snack food manufacturing	18 848	.15
	311999	All other miscellaneous food manufacturing	11 878 967	95.46
3119191		Potato chips and sticks, plain and flavored	4 876 975	39.19
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311821	Cookie and cracker manufacturing	D	S
	311919	Other snack food manufacturing	4 802 324	98.47
3119194		Corn chips and related products	5 616 568	45.13
	311230	Breakfast cereal manufacturing	D	S
	311812	Commercial bakeries	D	S
	311821	Cookie and cracker manufacturing	D	S
	311830	Tortilla manufacturing	D	S
	311919	Other snack food manufacturing	98 179	1.75
3119197		Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts	5 322 528	94.76
	311230	Breakfast cereal manufacturing	1 748 765	14.05
	311421	Fruit and vegetable canning	D	S
	311812	Commercial bakeries	D	S
	311821	Cookie and cracker manufacturing	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311919	Other snack food manufacturing	15 394	.88
	311999	All other miscellaneous food manufacturing	1 552 337	88.77
311919W		Other snack food manufacturing, nsk, total	201 778	1.62
	311919	Other snack food manufacturing	201 778	100.00
311920		Coffee and tea manufacturing	5 179 716	100.00
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311511	Fluid milk manufacturing	D	S
	311920	Coffee and tea manufacturing	5 061 729	97.72
	311942	Spice and extract manufacturing	58 229	1.12
3119201		Roasted coffee	3 592 114	69.35
	311920	Coffee and tea manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
3119205		Coffee, concentrated (freeze-dried, spray-dried, frozen, or liquid concentrated, mixtures, etc.), and coffee substitutes	590 034	11.39
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311920	Coffee and tea manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
3119207		Tea in consumer packages	853 994	16.49
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311511	Fluid milk manufacturing	D	S
	311920	Coffee and tea manufacturing	811 362	95.01
311920W		Coffee and tea manufacturing, nsk, total	143 574	2.77
	311920	Coffee and tea manufacturing	142 826	99.48
311930		Flavoring syrup and concentrate manufacturing	9 526 060	100.00
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311421	Fruit and vegetable canning	124 841	1.31
	311423	Dried and dehydrated food manufacturing	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	8 180 239	85.87
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	59 768	.63
	311942	Spice and extract manufacturing	113 323	1.19
	311999	All other miscellaneous food manufacturing	14 791	.16
	312111	Soft drink manufacturing	926 426	9.73
3119301		Liquid beverage bases not for use by soft drink bottlers	521 673	5.48
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	415 300	79.61
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	48 681	9.33
	311942	Spice and extract manufacturing	D	S
	311999	All other miscellaneous food manufacturing	11 627	2.23
3119304		Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers, to trade or nonbottler distributors	3 943 655	41.40

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311930		Flavoring syrup and concentrate manufacturing—Con.		
3119304		Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers, to trade or nonbottler distributors—Con.		
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	3 840 953	97.40
	311942	Spice and extract manufacturing	D	S
3119305		Soft drink flavoring syrup sold in bulk	938 358	9.85
	311930	Flavoring syrup and concentrate manufacturing	11 932	1.27
	312111	Soft drink manufacturing	926 426	98.73
3119308		Other flavoring agents (except chocolate syrups)	3 773 890	39.62
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311421	Fruit and vegetable canning	118 989	3.15
	311423	Dried and dehydrated food manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	3 572 213	94.66
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	10 420	.28
	311942	Spice and extract manufacturing	D	S
311930W		Flavoring syrup and concentrate manufacturing, nsk, total	348 484	3.66
	311930	Flavoring syrup and concentrate manufacturing	339 841	97.52
311941		Mayonnaise, dressing, and other prepared sauce manufacturing	5 055 678	100.00
	311225	Fats and oils refining and blending	D	S
	311421	Fruit and vegetable canning	204 467	4.04
	311422	Specialty canning	112 956	2.23
	311511	Fluid milk manufacturing	D	S
	311513	Cheese manufacturing	D	S
	311712	Fresh and frozen seafood processing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311920	Coffee and tea manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	4 317 173	85.39
	311942	Spice and extract manufacturing	18 164	.36
	311991	Perishable prepared food manufacturing	80 509	1.59
	311999	All other miscellaneous food manufacturing	32 115	.64
3119411		Vinegar and cider	336 645	6.66
	311421	Fruit and vegetable canning	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	292 209	86.80
3119414		Prepared sauces, except tomato	1 707 194	33.77
	311225	Fats and oils refining and blending	D	S
	311421	Fruit and vegetable canning	87 898	5.15
	311422	Specialty canning	111 329	6.52
	311513	Cheese manufacturing	D	S
	311712	Fresh and frozen seafood processing	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	1 304 203	76.39
	311942	Spice and extract manufacturing	11 609	.68
	311991	Perishable prepared food manufacturing	44 966	2.63
	311999	All other miscellaneous food manufacturing	D	S
3119417		Mayonnaise, salad dressings, and sandwich spreads	2 755 487	54.50
	311225	Fats and oils refining and blending	D	S
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	2 464 481	89.44
	311942	Spice and extract manufacturing	6 536	.24
	311991	Perishable prepared food manufacturing	35 518	1.29
	311999	All other miscellaneous food manufacturing	D	S
311941W		Mayonnaise, dressing, and other prepared sauce manufacturing, nsk, total	256 352	5.07
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	256 280	99.97
311942		Spice and extract manufacturing	5 375 228	100.00
	311119	Other animal food manufacturing	D	S
	311312	Cane sugar refining	D	S
	311313	Beet sugar manufacturing	D	S
	311412	Frozen specialty food manufacturing	D	S
	311421	Fruit and vegetable canning	30 730	.57
	311422	Specialty canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311511	Fluid milk manufacturing	D	S
	311615	Poultry processing	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	14 318	.27
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	30 906	.57
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	76 743	1.43
	311942	Spice and extract manufacturing	4 661 201	86.72
	311991	Perishable prepared food manufacturing	23 820	.44
	311999	All other miscellaneous food manufacturing	285 811	5.32
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	58 223	1.08
	333319	Other commercial and service industry machinery manufacturing	D	S
3119421		Table salt (evaporated), pepper (white and black), and other spices	2 045 193	38.05
	311312	Cane sugar refining	D	S
	311313	Beet sugar manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311942	Spice and extract manufacturing	1 801 917	88.10
	311991	Perishable prepared food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
3119425		Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	1 471 322	27.37
	311119	Other animal food manufacturing	D	S
	311312	Cane sugar refining	D	S
	311421	Fruit and vegetable canning	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	30 906	2.10

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311942		Spice and extract manufacturing—Con.		
3119425		Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)—Con.		
	311942	Spice and extract manufacturing	1 325 183	90.07
	311999	All other miscellaneous food manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
3119427		Dry mix food preparations	1 635 202	30.42
	311412	Frozen specialty food manufacturing	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311511	Fluid milk manufacturing	D	S
	311615	Poultry processing	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	11 954	.73
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311942	Spice and extract manufacturing	1 312 868	80.29
	311991	Perishable prepared food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	159 214	9.74
	333319	Other commercial and service industry machinery manufacturing	D	S
311942W		Spice and extract manufacturing, nsk, total	223 511	4.16
	311942	Spice and extract manufacturing	221 233	98.98
311991		Perishable prepared food manufacturing	5 273 253	100.00
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311412	Frozen specialty food manufacturing	D	S
	311513	Cheese manufacturing	D	S
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	105 311	2.00
	311615	Poultry processing	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311830	Tortilla manufacturing	31 490	.60
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	204 199	3.87
	311991	Perishable prepared food manufacturing	4 501 555	85.37
	311999	All other miscellaneous food manufacturing	5 071	.10
3119910		Perishable prepared food manufacturing	5 273 253	100.00
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311412	Frozen specialty food manufacturing	D	S
	311513	Cheese manufacturing	D	S
	311611	Animal (except poultry) slaughtering	D	S
	311612	Meat processed from carcasses	105 311	2.00
	311615	Poultry processing	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311830	Tortilla manufacturing	31 490	.60
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	204 199	3.87
	311991	Perishable prepared food manufacturing	4 501 555	85.37
	311999	All other miscellaneous food manufacturing	5 071	.10
311999		All other miscellaneous food manufacturing	10 883 412	100.00
	311119	Other animal food manufacturing	D	S
	311221	Wet corn milling	D	S
	311230	Breakfast cereal manufacturing	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311421	Fruit and vegetable canning	191 665	1.76
	311422	Specialty canning	D	S
	311423	Dried and dehydrated food manufacturing	326 796	3.00
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	107 808	.99
	311520	Ice cream and frozen dessert manufacturing	D	S
	311615	Poultry processing	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	117 077	1.08
	311823	Dry pasta manufacturing	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311920	Coffee and tea manufacturing	24 070	.22
	311930	Flavoring syrup and concentrate manufacturing	10 106	.09
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	50 876	.47
	311942	Spice and extract manufacturing	237 173	2.18
	311991	Perishable prepared food manufacturing	143 660	1.32
	311999	All other miscellaneous food manufacturing	8 829 165	81.12
	325620	Toilet preparation manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
3119991		Desserts (ready-to-mix)	630 306	5.79
	311230	Breakfast cereal manufacturing	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
3119994		Sweetening syrups and molasses	513 167	4.72
	311221	Wet corn milling	D	S
	311230	Breakfast cereal manufacturing	D	S
	311421	Fruit and vegetable canning	157 788	30.75
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311991	Perishable prepared food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	216 712	42.23
3119997		Baking powder and yeast	363 344	3.34
	311942	Spice and extract manufacturing	8 175	2.25
	311999	All other miscellaneous food manufacturing	351 267	96.68
311999B		Packaging purchased macaroni and noodle products with other purchased ingredients	1 210 708	11.12
	311230	Breakfast cereal manufacturing	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311823	Dry pasta manufacturing	D	S
	311942	Spice and extract manufacturing	8 032	.66

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
311999		All other miscellaneous food manufacturing—Con.		
311999B		Packaging purchased macaroni and noodle products with other purchased ingredients—Con.		
	311991	Perishable prepared food manufacturing	8 819	.73
	311999	All other miscellaneous food manufacturing	905 113	74.76
311999G		Egg processing	1 441 539	13.25
	311942	Spice and extract manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
311999J		Flavoring powders, tablets, and paste (including dry mix cocktails)	1 807 350	16.61
	311230	Breakfast cereal manufacturing	D	S
	311320	Chocolate and confectionery manufacturing from cacao beans	D	S
	311421	Fruit and vegetable canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311520	Ice cream and frozen dessert manufacturing	D	S
	311812	Commercial bakeries	D	S
	311911	Roasted nuts and peanut butter manufacturing	D	S
	311920	Coffee and tea manufacturing	21 234	1.17
	311942	Spice and extract manufacturing	158 299	8.76
	311991	Perishable prepared food manufacturing	D	S
	311999	All other miscellaneous food manufacturing	1 299 686	71.91
	325620	Toilet preparation manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
311999P		Other food preparations	2 104 481	19.34
	311119	Other animal food manufacturing	D	S
	311230	Breakfast cereal manufacturing	D	S
	311330	Confectionery manufacturing from purchased chocolate	D	S
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
	311423	Dried and dehydrated food manufacturing	D	S
	311513	Cheese manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311615	Poultry processing	D	S
	311812	Commercial bakeries	D	S
	311822	Flour mixes and dough manufacturing from purchased flour	D	S
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	311991	Perishable prepared food manufacturing	23 216	1.10
	311999	All other miscellaneous food manufacturing	1 614 584	76.72
311999W		All other miscellaneous food manufacturing, nsk, total	2 812 517	25.84
	311999	All other miscellaneous food manufacturing	2 803 460	99.68
312111		Soft drink manufacturing	29 141 959	100.00
	311230	Breakfast cereal manufacturing	D	S
	311421	Fruit and vegetable canning	292 075	1.00
	311422	Specialty canning	D	S
	311511	Fluid milk manufacturing	416 586	1.43
	311514	Dry, condensed, and evaporated dairy product manufacturing	35 539	.12
	311520	Ice cream and frozen dessert manufacturing	107 027	.37
	311920	Coffee and tea manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	6 243	.02
	311999	All other miscellaneous food manufacturing	D	S
	312111	Soft drink manufacturing	27 872 027	95.64
	312112	Bottled water manufacturing	121 617	.42
	312120	Breweries	D	S
3121111		Bottled carbonated soft drinks	10 592 950	36.35
	312111	Soft drink manufacturing	D	S
	312112	Bottled water manufacturing	D	S
3121114		Canned carbonated soft drinks	8 878 383	30.47
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	D	S
	312111	Soft drink manufacturing	D	S
312111A		Non-carbonated soft drinks	6 196 738	21.26
	311230	Breakfast cereal manufacturing	D	S
	311421	Fruit and vegetable canning	D	S
	311422	Specialty canning	D	S
	311511	Fluid milk manufacturing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	33 314	.54
	311520	Ice cream and frozen dessert manufacturing	D	S
	311920	Coffee and tea manufacturing	D	S
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
	312111	Soft drink manufacturing	D	S
312111W		Soft drink manufacturing, nsk, total	3 473 888	11.92
	311511	Fluid milk manufacturing	9 771	.28
	311520	Ice cream and frozen dessert manufacturing	D	S
	312111	Soft drink manufacturing	3 408 266	98.11
	312112	Bottled water manufacturing	D	S
312112		Bottled water manufacturing	2 577 270	100.00
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	D	S
	312111	Soft drink manufacturing	880 752	34.17
	312112	Bottled water manufacturing	1 643 216	63.76
3121120		Bottled water manufacturing	2 577 270	100.00
	311421	Fruit and vegetable canning	D	S
	311511	Fluid milk manufacturing	D	S
	312111	Soft drink manufacturing	880 752	34.17
	312112	Bottled water manufacturing	1 643 216	63.76
312113		Ice manufacturing	590 048	100.00
	311511	Fluid milk manufacturing	6 031	1.02
	312113	Ice manufacturing	578 851	98.10
3121130		Ice manufacturing	590 048	100.00
	311511	Fluid milk manufacturing	6 031	1.02
	312113	Ice manufacturing	578 851	98.10

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
312120		Breweries	17 789 150	100.00
		Breweries	D	S
3121201		Canned beer and ale case goods	9 221 705	51.84
		Breweries	9 221 705	100.00
3121204		Bottled beer and ale case goods	6 737 874	37.88
		Breweries	6 736 509	99.98
3121207		Beer and ale in barrels and kegs	1 084 752	6.10
		Breweries	D	S
3121209		All other malt beverages and brewing products	321 335	1.81
		Breweries	321 335	100.00
312120W		Breweries, nsk, total	423 484	2.38
		Breweries	419 202	98.99
312130		Wineries	9 023 449	100.00
		Wineries	9 001 037	99.75
		Distilleries	9 576	.11
3121300		Wine, brandy, and brandy spirits	9 023 449	100.00
		Wineries	9 001 037	99.75
		Distilleries	9 576	.11
312140		Distilleries	4 212 052	100.00
		Wineries	11 054	.26
		Distilleries	3 871 211	91.91
		Ethyl alcohol manufacturing	323 632	7.68
		Distilled liquor, except brandy	968 543	22.99
		Distilleries	638 861	65.96
		Ethyl alcohol manufacturing	323 632	33.41
3121402		Bottled liquor, except brandy	3 088 267	73.32
		Wineries	6 425	.21
		Distilleries	3 077 108	99.64
312140W		Distilleries, nsk, total	155 242	3.69
		Distilleries	155 242	100.00
312210		Tobacco stemming and redrying	1 051 107	100.00
		Tobacco stemming and redrying	D	S
		Cigarette manufacturing	D	S
		Other tobacco product manufacturing	D	S
3122101		Unstemmed leaf tobacco, redried before packing	123 230	11.72
		Tobacco stemming and redrying	D	S
		Other tobacco product manufacturing	D	S
3122104		Tobacco, stemmed	639 289	60.82
		Tobacco stemming and redrying	562 800	88.04
		Cigarette manufacturing	D	S
		Other tobacco product manufacturing	D	S
312210W		Tobacco stemming and redrying, nsk, total	D	S
		Tobacco stemming and redrying	D	S
312221		Cigarette manufacturing	D	S
		Cigarette manufacturing	D	S
3122210		Cigarettes, including nontobacco cigarettes	D	S
		Cigarette manufacturing	D	S
312229		Other tobacco product manufacturing	4 099 864	100.00
		Cigarette manufacturing	D	S
		Other tobacco product manufacturing	D	S
3122291		Cigars	D	S
		Other tobacco product manufacturing	D	S
3122294		Chewing and smoking tobacco	2 462 929	60.07
		Cigarette manufacturing	D	S
		Other tobacco product manufacturing	D	S
3122297		Reconstituted tobacco (processed sheet and homogenized)	D	S
		Cigarette manufacturing	D	S
		Other tobacco product manufacturing	D	S
312229W		Other tobacco product manufacturing, nsk, total	234 032	5.71
		Other tobacco product manufacturing	234 032	100.00
313111		Yarn spinning mills	6 333 548	100.00
		Yarn spinning mills	5 747 054	90.74
		Yarn texturizing, throwing, and twisting mills	147 698	2.33
		Broadwoven fabric mills	310 029	4.90
		Weft knit fabric mills	D	S
		Other knit fabric and lace mills	D	S
		Broadwoven fabric finishing mills	D	S
3131111		Carded cotton yarns	2 266 596	35.79
		Yarn spinning mills	2 054 992	90.66
		Broadwoven fabric mills	96 384	4.25
		Weft knit fabric mills	D	S
		Broadwoven fabric finishing mills	D	S
3131113		Combed cotton yarns	627 203	9.90
		Yarn spinning mills	527 515	84.11
		Broadwoven fabric mills	99 657	15.89
3131115		Rayon, acetate, and/or lyocell spun yarns	173 759	2.74
		Yarn spinning mills	166 064	95.57
		Yarn texturizing, throwing, and twisting mills	D	S
3131116		Spun noncellulosic fiber and other natural fiber yarns	2 876 562	45.42
		Yarn spinning mills	2 616 874	90.97
		Yarn texturizing, throwing, and twisting mills	D	S
		Broadwoven fabric mills	107 032	3.72
		Other knit fabric and lace mills	D	S
3131119		Wool yarns, including new, reused, and reprocessed wool	159 454	2.52
		Yarn spinning mills	156 593	98.21
313111C		Scouring and combing mill products	131 019	2.07
		Yarn spinning mills	130 550	99.64
313111W		Yarn spinning mills, nsk, total	98 955	1.56
		Yarn spinning mills	94 466	95.46
313112		Yarn texturizing, throwing, and twisting mills	4 297 525	100.00
		Yarn spinning mills	91 826	2.14
		Yarn texturizing, throwing, and twisting mills	4 154 781	96.68
		Broadwoven fabric mills	D	S
		Carpet and rug mills	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
313112		Yarn texturizing, throwing, and twisting mills—Con.		
3131121		Novelty and plied yarns, other than wool (not spun or thrown at the same establishment)	146 416	3.41
		Yarn texturizing, throwing, and twisting mills	141 830	96.87
3131123	313112	Thrown filament yarns, except textured	1 133 746	26.38
		Yarn spinning mills	D	S
		Yarn texturizing, throwing, and twisting mills	D	S
3131125		Textured, crimped, and bulked filament yarns, including stretch yarn, made from purchased filament yarn	2 816 781	65.54
		Yarn spinning mills	D	S
		Yarn texturizing, throwing, and twisting mills	2 749 165	97.60
		Broadwoven fabric mills	D	S
		Carpet and rug mills	D	S
3131128		Commission receipts for throwing, texturing, or winding filament yarns	127 764	2.97
		Yarn spinning mills	D	S
		Yarn texturizing, throwing, and twisting mills	D	S
313112W		Yarn texturizing, throwing, and twisting mills, nsk, total	72 818	1.69
		Yarn texturizing, throwing, and twisting mills	72 767	99.93
313113		Thread mills	307 118	100.00
		Thread mills	D	S
		All other plastics product manufacturing	D	S
3131130		Thread mills	307 118	100.00
		Thread mills	D	S
		All other plastics product manufacturing	D	S
313210		Broadwoven fabric mills	10 728 523	100.00
		Broadwoven fabric mills	10 655 027	99.31
		Nonwoven fabric mills	D	S
		Other knit fabric and lace mills	D	S
		Carpet and rug mills	D	S
		Other household textile product mills	D	S
		Paperboard mills	D	S
		Surgical appliance and supplies manufacturing	D	S
3132101		Cotton broadwoven plain weave fabrics (excluding pile) (gray goods)	959 518	8.94
		Broadwoven fabric mills	D	S
		Other household textile product mills	D	S
3132103		Cotton broadwoven twill weave fabrics (excluding pile) (gray goods)	822 951	7.67
		Broadwoven fabric mills	822 951	100.00
3132105		Cotton broadwoven fabrics, weaves other than plain, twill, or pile (gray goods)	193 768	1.81
		Broadwoven fabric mills	192 581	99.39
3132107		Cotton broadwoven pile fabrics (gray goods)	D	S
		Broadwoven fabric mills	D	S
3132109		Finished cotton broadwoven fabrics, finished in weaving mills	538 804	5.02
		Broadwoven fabric mills	538 351	99.92
313210D		Fabricated textile products, made in weaving mills	1 362 943	12.70
		Broadwoven fabric mills	D	S
		Carpet and rug mills	D	S
313210E		Manmade fiber broadwoven fabrics of 85 percent or more filament yarns, chiefly rayon, acetate, and/or lyocell (gray goods)	532 258	4.96
		Broadwoven fabric mills	531 902	99.93
313210G		Manmade fiber broadwoven fabrics of 85 percent or more filament yarns (excluding rayon, acetate, and/or lyocell) (gray goods)	1 361 408	12.69
		Broadwoven fabric mills	D	S
		Other knit fabric and lace mills	D	S
313210H		Manmade fiber broadwoven plain weave fabrics, of 85 percent or more spun yarns (excluding pile), excluding wool blends (gray goods)	1 029 502	9.60
		Broadwoven fabric mills	1 029 370	99.99
313210J		Manmade fiber broadwoven twill weave fabrics, of 85 percent or more spun yarns (excluding pile), excluding wool blends (gray goods)	176 684	1.65
		Broadwoven fabric mills	176 679	100.00
313210L		Manmade fiber broadwoven fabrics, of weaves other than plain, twill, and pile, of 85 percent or more spun yarn, excluding wool blends (gray goods)	345 813	3.22
		Broadwoven fabric mills	345 734	99.98
313210M		Manmade fiber broadwoven fabrics, combinations of spun and filament yarns (excluding wool blends), each less than 85 percent of total fiber content (gray goods)	D	S
		Broadwoven fabric mills	D	S
313210N		Other broadwoven fabrics of manmade fibers including pile; and broadwoven fabrics of silk and natural fibers (excluding cotton) (gray goods)	284 805	2.65
		Broadwoven fabric mills	258 291	90.69
		Nonwoven fabric mills	D	S
		Paperboard mills	D	S
313210P		Finished manmade fiber and silk broadwoven fabrics, finished in weaving mills	1 394 156	12.99
		Broadwoven fabric mills	D	S
		Surgical appliance and supplies manufacturing	D	S
313210T		Wool broadwoven fabrics (gray goods)	D	S
		Broadwoven fabric mills	D	S
313210U		Finished broadwoven wool fabrics and felts (finished in weaving mills)	173 639	1.62
		Broadwoven fabric mills	173 639	100.00
313210W		Broadwoven fabric mills, nsk, total	489 988	4.57
		Broadwoven fabric mills	489 988	100.00
313221		Narrow fabric mills	1 117 825	100.00
		Narrow fabric mills	D	S
		Other knit fabric and lace mills	D	S
3132211		Woven narrow fabrics (12 inches or less in width)	808 078	72.29
		Narrow fabric mills	790 110	97.78
3132213		Braided narrow fabrics (12 inches or less in width)	183 418	16.41
		Narrow fabric mills	179 040	97.61
3132215		Covered rubber thread, made in narrow fabric mills	82 254	7.36
		Narrow fabric mills	82 254	100.00
313221W		Narrow fabric mills, nsk, total	44 075	3.94
		Narrow fabric mills	44 075	100.00
313222		Schiffli machine embroidery	137 130	100.00
		Schiffli machine embroidery	D	S
		Commercial screen printing	D	S
3132220		Schiffli machine embroideries	137 130	100.00
		Schiffli machine embroidery	D	S
		Commercial screen printing	D	S

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
313230		Nonwoven fabric mills	4 892 049	100.00
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	313210	Broadwoven fabric mills	44 359	.91
	313230	Nonwoven fabric mills	4 528 952	92.58
	313249	Other knit fabric and lace mills	D	S
	314999	All other miscellaneous textile product mills	24 539	.50
	322121	Paper (except newsprint) mills	59 910	1.22
	322222	Coated and laminated paper manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	327910	Abrasive product manufacturing	D	S
	331316	Aluminum extruded product manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3132301		Nonwoven fabrics	3 225 481	65.93
	313210	Broadwoven fabric mills	D	S
	313230	Nonwoven fabric mills	3 075 612	95.35
	314999	All other miscellaneous textile product mills	17 688	.55
	322121	Paper (except newsprint) mills	59 910	1.86
	322222	Coated and laminated paper manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	331316	Aluminum extruded product manufacturing	D	S
3132303		Fabricated nonwoven products	844 667	17.27
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	313210	Broadwoven fabric mills	D	S
	313230	Nonwoven fabric mills	636 228	75.32
	313249	Other knit fabric and lace mills	D	S
	327910	Abrasive product manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3132305		Pressed, punched, or needled felts (except hats)	695 574	14.22
	313230	Nonwoven fabric mills	690 872	99.32
313230W		Nonwoven fabric mills, nsk, total	126 327	2.58
	313230	Nonwoven fabric mills	126 240	99.93
313241		Weft knit fabric mills	1 787 492	100.00
	313210	Broadwoven fabric mills	D	S
	313241	Weft knit fabric mills	1 665 822	93.19
	313249	Other knit fabric and lace mills	53 264	2.98
	315191	Outerwear knitting mills	D	S
3132411		Weft (circular) knit fabrics greige goods (excluding hosiery)	646 667	36.18
	313210	Broadwoven fabric mills	D	S
	313241	Weft knit fabric mills	560 290	86.64
	313249	Other knit fabric and lace mills	D	S
	315191	Outerwear knitting mills	D	S
3132413		Finished weft (circular) knit fabrics, excluding hosiery	956 750	53.52
	313210	Broadwoven fabric mills	D	S
	313241	Weft knit fabric mills	921 457	96.31
	313249	Other knit fabric and lace mills	D	S
3132416		Nonapparel articles of weft knit fabrics and commission receipts for knitting only or knitting and finishing weft knit fabrics (excluding hosiery)	118 166	6.61
	313241	Weft knit fabric mills	118 166	100.00
313241W		Weft knit fabric mills, nsk, total	65 909	3.69
	313241	Weft knit fabric mills	65 909	100.00
313249		Other knit fabric and lace mills	1 553 820	100.00
	313210	Broadwoven fabric mills	D	S
	313221	Narrow fabric mills	D	S
	313241	Weft knit fabric mills	D	S
	313249	Other knit fabric and lace mills	1 458 496	93.87
	315192	Underwear and nightwear knitting mills	D	S
3132491		Warp knit fabrics greige goods	380 644	24.50
	313221	Narrow fabric mills	10 856	2.85
	313249	Other knit fabric and lace mills	365 476	96.02
3132493		Finished warp knit fabrics	949 560	61.11
	313210	Broadwoven fabric mills	D	S
	313221	Narrow fabric mills	11 703	1.23
	313241	Weft knit fabric mills	D	S
	313249	Other knit fabric and lace mills	874 641	92.11
	315192	Underwear and nightwear knitting mills	D	S
3132495		Lace and net goods, all leavers and nottingham lace machine products, including bobbinets and barmen laces	42 178	2.71
	313249	Other knit fabric and lace mills	38 344	90.91
3132497		Contract and commission receipts for knitting only or knitting and finishing of warp knit fabrics, lace, or net goods	71 784	4.62
	313249	Other knit fabric and lace mills	71 684	99.86
313249A		Other nonapparel warp knit end products (including knitted towels and washcloths), excluding fabrics, lace, and net goods	26 039	1.68
	313249	Other knit fabric and lace mills	24 749	95.05
313249W		Other knit fabric and lace mills, nsk, total	83 615	5.38
	313249	Other knit fabric and lace mills	83 602	99.98
313311		Broadwoven fabric finishing mills	6 628 902	100.00
	313210	Broadwoven fabric mills	18 891	.28
	313241	Weft knit fabric mills	D	S
	313311	Broadwoven fabric finishing mills	6 439 141	97.14
	313312	Textile and fabric finishing (except broadwoven fabric) mills	100 312	1.51
	313320	Fabric coating mills	13 816	.21
	314129	Other household textile product mills	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
3133111		Finished cotton broadwoven fabrics, finished in finishing mills	1 757 451	26.51
	313241	Weft knit fabric mills	D	S
	313311	Broadwoven fabric finishing mills	1 719 695	97.85
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
3133113		Job or commission finishing of cotton broadwoven fabrics	954 650	14.40
	313210	Broadwoven fabric mills	D	S
	313311	Broadwoven fabric finishing mills	934 815	97.92
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
3133115		Finished manmade fiber and silk broadwoven fabrics, finished in finishing mills	2 200 012	33.19
	313311	Broadwoven fabric finishing mills	2 145 999	97.54
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
313311		Broadwoven fabric finishing mills—Con.		
3133115		Finished manmade fiber and silk broadwoven fabrics, finished in finishing mills—Con.		
	313320	Fabric coating mills	D	S
	314129	Other household textile product mills	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
3133117		Job or commission finishing of manmade fiber and silk broadwoven fabrics	D	S
	313210	Broadwoven fabric mills	D	S
	313311	Broadwoven fabric finishing mills	D	S
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
3133119		Finished broadwoven wool fabrics and felts (not finished in weaving mill)	D	S
	313311	Broadwoven fabric finishing mills	D	S
313311W		Broadwoven fabric finishing mills, nsk, total	946 065	14.27
	313311	Broadwoven fabric finishing mills	944 937	99.88
313312		Textile and fabric finishing (except broadwoven fabric) mills	3 397 784	100.00
	313111	Yarn spinning mills	D	S
	313249	Other knit fabric and lace mills	D	S
	313311	Broadwoven fabric finishing mills	83 335	2.45
	313312	Textile and fabric finishing (except broadwoven fabric) mills	3 219 224	94.74
	314999	All other miscellaneous textile product mills	D	S
3133120		Finished fabrics (excluding broadwoven) and other finished textiles	3 397 784	100.00
	313111	Yarn spinning mills	D	S
	313249	Other knit fabric and lace mills	D	S
	313311	Broadwoven fabric finishing mills	83 335	2.45
	313312	Textile and fabric finishing (except broadwoven fabric) mills	3 219 224	94.74
	314999	All other miscellaneous textile product mills	D	S
313320		Fabric coating mills	2 143 076	100.00
	313221	Narrow fabric mills	D	S
	313320	Fabric coating mills	1 784 794	83.28
	322222	Coated and laminated paper manufacturing	73 412	3.43
	322226	Surface-coated paperboard manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	141 260	6.59
	327910	Abrasive product manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3133201		Vinyl coated fabrics, including expanded vinyl coated	672 753	31.39
	313320	Fabric coating mills	562 743	83.65
	322222	Coated and laminated paper manufacturing	D	S
	322226	Surface-coated paperboard manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
3133204		Rubber coating of fabrics and garments	204 208	9.53
	313320	Fabric coating mills	184 819	90.51
3133205		Other coated or laminated fabrics and coated yarns	1 039 459	48.50
	313221	Narrow fabric mills	D	S
	313320	Fabric coating mills	810 576	77.98
	322222	Coated and laminated paper manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	327910	Abrasive product manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
313320W		Fabric coating mills, nsk, total	226 656	10.58
	313320	Fabric coating mills	226 656	100.00
314110		Carpet and rug mills	13 064 449	100.00
	313320	Fabric coating mills	D	S
	314110	Carpet and rug mills	13 017 608	99.64
	314999	All other miscellaneous textile product mills	D	S
	326299	All other rubber product manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	D	S
3141101		Woven carpet and rugs	769 819	5.89
	314110	Carpet and rug mills	769 601	99.97
3141103		Tufted carpet and rugs	11 396 407	87.23
	314110	Carpet and rug mills	11 371 865	99.78
	326299	All other rubber product manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	D	S
3141105		Other carpet, rugs, and mats	417 693	3.20
	313320	Fabric coating mills	D	S
	314110	Carpet and rug mills	395 618	94.72
	314999	All other miscellaneous textile product mills	D	S
314110W		Carpet and rug mills, nsk, total	480 530	3.68
	314110	Carpet and rug mills	480 524	100.00
314121		Curtain and drapery mills	1 470 829	100.00
	314121	Curtain and drapery mills	1 206 914	82.06
	314129	Other household textile product mills	169 378	11.52
	314999	All other miscellaneous textile product mills	D	S
	337920	Blind and shade manufacturing	D	S
3141210		Curtains and draperies	1 470 829	100.00
	314121	Curtain and drapery mills	1 206 914	82.06
	314129	Other household textile product mills	169 378	11.52
	337920	Blind and shade manufacturing	D	S
314129		Other household textile product mills	6 077 546	100.00
	313210	Broadwoven fabric mills	D	S
	313230	Nonwoven fabric mills	D	S
	314110	Carpet and rug mills	D	S
	314121	Curtain and drapery mills	57 591	.95
	314129	Other household textile product mills	5 886 259	96.85
	314999	All other miscellaneous textile product mills	8 559	.14
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	337121	Upholstered household furniture manufacturing	12 778	.21
	337124	Metal household furniture manufacturing	D	S
	337910	Mattress manufacturing	D	S
3141291		Bedsprads, made from purchased materials	185 292	3.05
	314121	Curtain and drapery mills	D	S
	314129	Other household textile product mills	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
314129		Other household textile product mills—Con.		
3141293		Sheets and pillowcases, made from purchased materials	1 346 720	22.16
	313210	Broadwoven fabric mills	D	S
	314129	Other household textile product mills	D	S
3141295		Towels and washcloths, made from purchased materials	587 024	9.66
	314129	Other household textile product mills	578 474	98.54
3141296		Other household furnishings, made from purchased materials	3 530 606	58.09
	313230	Nonwoven fabric mills	D	S
	314110	Carpet and rug mills	D	S
	314121	Curtain and drapery mills	D	S
	314129	Other household textile product mills	3 398 096	96.25
	314999	All other miscellaneous textile product mills	7 595	.22
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	337121	Upholstered household furniture manufacturing	11 807	.33
	337124	Metal household furniture manufacturing	D	S
	337910	Mattress manufacturing	D	S
314129W		Other household textile product mills, nsk, total	427 904	7.04
	314129	Other household textile product mills	424 498	99.20
314911		Textile bag mills	656 905	100.00
	314911	Textile bag mills	558 680	85.05
	314912	Canvas and related product mills	22 672	3.45
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	316991	Luggage manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
3149110		Textile bags	656 905	100.00
	314911	Textile bag mills	558 680	85.05
	314912	Canvas and related product mills	22 672	3.45
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	316991	Luggage manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
314912		Canvas and related product mills	1 704 790	100.00
	314911	Textile bag mills	D	S
	314912	Canvas and related product mills	1 611 704	94.54
	314999	All other miscellaneous textile product mills	9 201	.54
	322291	Sanitary paper product manufacturing	D	S
	332439	Other metal container manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	337920	Blind and shade manufacturing	9 745	.57
	339950	Sign manufacturing	5 474	.32
3149120		Canvas and related products	1 704 790	100.00
	314911	Textile bag mills	D	S
	314912	Canvas and related product mills	1 611 704	94.54
	314999	All other miscellaneous textile product mills	9 201	.54
	322291	Sanitary paper product manufacturing	D	S
	332439	Other metal container manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	337920	Blind and shade manufacturing	9 745	.57
	339950	Sign manufacturing	5 474	.32
314991		Rope, cordage, and twine mills	604 135	100.00
	313111	Yarn spinning mills	D	S
	314991	Rope, cordage, and twine mills	D	S
	314999	All other miscellaneous textile product mills	D	S
3149911		Cordage and twine, hard fiber	74 320	12.30
	313111	Yarn spinning mills	D	S
	314991	Rope, cordage, and twine mills	D	S
3149913		Cordage and twine, soft fiber (except cotton)	412 234	68.24
	314991	Rope, cordage, and twine mills	406 616	98.64
3149915		Cotton cordage and twine	51 400	8.51
	314991	Rope, cordage, and twine mills	D	S
314991W		Rope, cordage, and twine mills, nsk, total	66 181	10.95
	314991	Rope, cordage, and twine mills	66 181	100.00
314992		Tire cord and tire fabric mills	1 222 681	100.00
	313320	Fabric coating mills	D	S
	314992	Tire cord and tire fabric mills	1 163 270	95.14
	326299	All other rubber product manufacturing	D	S
3149920		Tire cord and tire fabrics	1 222 681	100.00
	313320	Fabric coating mills	D	S
	314992	Tire cord and tire fabric mills	1 163 270	95.14
	326299	All other rubber product manufacturing	D	S
314999		All other miscellaneous textile product mills	4 972 986	100.00
	313111	Yarn spinning mills	D	S
	313230	Nonwoven fabric mills	26 445	.53
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	314110	Carpet and rug mills	137 791	2.77
	314121	Curtain and drapery mills	D	S
	314129	Other household textile product mills	63 685	1.28
	314911	Textile bag mills	D	S
	314912	Canvas and related product mills	15 403	.31
	314999	All other miscellaneous textile product mills	4 456 603	89.62
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315999	Other apparel accessories and other apparel manufacturing	6 829	.14
	323113	Commercial screen printing	52 440	1.05
	331316	Aluminum extruded product manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3149991		Recovered fibers, processed mill waste and related products	187 128	3.76
	314999	All other miscellaneous textile product mills	185 913	99.35
3149993		Paddings and upholstery filling, batting, and wadding (excluding foam rubber and plastics)	508 604	10.23
	313111	Yarn spinning mills	D	S
	313230	Nonwoven fabric mills	D	S
	314999	All other miscellaneous textile product mills	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
314999		All other miscellaneous textile product mills—Con.		
3149995		Embroideries (excluding Schiffli machine products)	560 502	11.27
	314999	All other miscellaneous textile product mills	495 307	88.37
	323113	Commercial screen printing	51 536	9.19
3149997		Other trimmings and findings	242 972	4.89
	314999	All other miscellaneous textile product mills	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
3149998		All other miscellaneous fabricated textile products	2 375 251	47.76
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	314110	Carpet and rug mills	137 791	5.80
	314121	Curtain and drapery mills	D	S
	314129	Other household textile product mills	62 908	2.65
	314911	Textile bag mills	D	S
	314912	Canvas and related product mills	14 503	.61
	314999	All other miscellaneous textile product mills	2 003 808	84.36
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	331316	Aluminum extruded product manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
314999W		All other miscellaneous textile product mills, nsk, total	1 098 529	22.09
	314999	All other miscellaneous textile product mills	1 093 598	99.55
315111		Sheer hosiery mills	886 348	100.00
	315111	Sheer hosiery mills	857 390	96.73
	315119	Other hosiery and sock mills	28 698	3.24
3151111		Women's, misses', and girls' sheer finished hosiery, full-length, knee-length, and below the knee	229 248	25.86
	315111	Sheer hosiery mills	D	S
	315119	Other hosiery and sock mills	D	S
3151113		Women's, misses', and girls' sheer finished pantyhose, including tights, all needle	517 180	58.35
	315111	Sheer hosiery mills	D	S
	315119	Other hosiery and sock mills	D	S
3151115		Women's, misses', and girls' sheer hosiery shipped in the greige (except socks)	109 237	12.32
	315111	Sheer hosiery mills	D	S
315111W		Sheer hosiery mills, nsk, total	30 683	3.46
	315111	Sheer hosiery mills	30 683	100.00
315119		Other hosiery and sock mills	2 336 824	100.00
	315111	Sheer hosiery mills	104 433	4.47
	315119	Other hosiery and sock mills	2 224 795	95.21
3151191		Men's finished seamless hosiery and socks, (sizes 10 and up)	1 265 617	54.16
	315111	Sheer hosiery mills	D	S
	315119	Other hosiery and sock mills	D	S
3151193		All other finished hosiery, other than sheer	847 727	36.28
	315111	Sheer hosiery mills	D	S
	315119	Other hosiery and sock mills	D	S
3151195		Seamless hosiery (except sheer), shipped in the greige	127 230	5.44
	315111	Sheer hosiery mills	D	S
	315119	Other hosiery and sock mills	D	S
315119W		Other hosiery and sock mills, nsk, total	96 250	4.12
	315119	Other hosiery and sock mills	95 671	99.40
315191		Outerwear knitting mills	1 654 422	100.00
	313241	Weft knit fabric mills	7 561	.46
	315191	Outerwear knitting mills	1 580 271	95.52
	315192	Underwear and nightwear knitting mills	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315991	Hat, cap, and millinery manufacturing	D	S
3151912		Men's and boys' sweaters, made in knitting mills	59 532	3.60
	315191	Outerwear knitting mills	59 515	99.97
3151914		Women's, girls', and infants' sweaters, made in knitting mills	303 584	18.35
	315191	Outerwear knitting mills	302 117	99.52
3151917		Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made in knitting mills	476 486	28.80
	315191	Outerwear knitting mills	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
315191B		Women's, girls', and infants' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made in knitting mills	222 998	13.48
	315191	Outerwear knitting mills	221 403	99.28
315191D		Knit outerwear, except sweaters and shirts, made in knitting mills	133 739	8.08
	315191	Outerwear knitting mills	D	S
	315233	Women's and girls' cut and sew dress manufacturing	D	S
315191E		Contract receipts for knitting only or knitting and finishing knitting mill products, except underwear and nightwear	80 472	4.86
	315191	Outerwear knitting mills	D	S
	315192	Underwear and nightwear knitting mills	D	S
315191G		Gloves and mittens, made in knitting mills	54 562	3.30
	315191	Outerwear knitting mills	50 892	93.27
315191H		Hats, mufflers, scarves, and other knitting mill apparel products, excluding outerwear, gloves and mittens, underwear, and nightwear	39 204	2.37
	315191	Outerwear knitting mills	D	S
	315991	Hat, cap, and millinery manufacturing	D	S
315191W		Outerwear knitting mills, nsk, total	283 845	17.16
	315191	Outerwear knitting mills	283 647	99.93
315192		Underwear and nightwear knitting mills	813 592	100.00
	315192	Underwear and nightwear knitting mills	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3151921		Men's and boys' knit underwear, nightwear, and robes, made in knitting mills	368 232	45.26
	315192	Underwear and nightwear knitting mills	D	S
3151924		Women's, girls', and infants' knit underwear and nightwear, made in knitting mills	434 039	53.35
	315192	Underwear and nightwear knitting mills	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
315192W		Underwear and nightwear knitting mills, nsk, total	11 321	1.39
	315192	Underwear and nightwear knitting mills	11 273	99.58
315211		Men's and boys' cut and sew apparel contractors	967 738	100.00
	313241	Weft knit fabric mills	D	S
	315211	Men's and boys' cut and sew apparel contractors	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
315211		Men's and boys' cut and sew apparel contractors—Con.		
	315212	Women's, girls', and infants' cut and sew apparel contractors	41 097	4.25
	323113	Commercial screen printing	D	S
3152111		Contract receipts for men's and boys' tailored suits, coats, jackets, and vests	94 602	9.78
	315211	Men's and boys' cut and sew apparel contractors	91 436	96.65
3152113		Contract receipts for men's and boys' shirts, except work shirts	216 448	22.37
	313241	Weft knit fabric mills	D	S
	315211	Men's and boys' cut and sew apparel contractors	D	S
3152116		Contract receipts for men's and boys' underwear and nightwear, including robes	30 492	3.15
	315211	Men's and boys' cut and sew apparel contractors	28 759	94.32
3152118		Contract receipts for men's and boys' pants, work apparel, and other outerwear	385 281	39.81
	313241	Weft knit fabric mills	D	S
	315211	Men's and boys' cut and sew apparel contractors	313 200	81.29
	315212	Women's, girls', and infants' cut and sew apparel contractors	D	S
315211A		Contract receipts for men's and boys' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories	109 172	11.28
	315211	Men's and boys' cut and sew apparel contractors	85 380	78.21
	315212	Women's, girls', and infants' cut and sew apparel contractors	D	S
	323113	Commercial screen printing	D	S
315211W		Men's and boys' cut and sew apparel contractors, nsk, total	131 743	13.61
	315211	Men's and boys' cut and sew apparel contractors	129 038	97.95
315212		Women's, girls', and infants' cut and sew apparel contractors	2 608 104	100.00
	313241	Weft knit fabric mills	D	S
	315211	Men's and boys' cut and sew apparel contractors	D	S
	315212	Women's, girls', and infants' cut and sew apparel contractors	2 452 633	94.04
3152121		Contract receipts for women's, misses', girls', and infants' shirts and blouses	446 083	17.10
	313241	Weft knit fabric mills	D	S
	315211	Men's and boys' cut and sew apparel contractors	D	S
	315212	Women's, girls', and infants' cut and sew apparel contractors	429 159	96.21
3152123		Contract receipts for women's, girls', and infants' dresses	440 690	16.90
	313241	Weft knit fabric mills	D	S
	315212	Women's, girls', and infants' cut and sew apparel contractors	D	S
3152125		Contract receipts for women's, girls', and infants' skirts, tailored suits, coats, jackets, and vests	241 782	9.27
	315212	Women's, girls', and infants' cut and sew apparel contractors	235 755	97.51
3152127		Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear	756 851	29.02
	313241	Weft knit fabric mills	D	S
	315211	Men's and boys' cut and sew apparel contractors	D	S
	315212	Women's, girls', and infants' cut and sew apparel contractors	D	S
3152128		Contract receipts for women's, girls', and infants' underwear and nightwear, including robes and foundation garments	25 725	.99
	315212	Women's, girls', and infants' cut and sew apparel contractors	24 557	95.46
315212A		Contract receipts for women's, girls', and infants' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories	34 902	1.34
	315212	Women's, girls', and infants' cut and sew apparel contractors	25 851	74.07
315212W		Women's, girls', and infants' cut and sew apparel contractors, nsk, total	662 071	25.39
	315212	Women's, girls', and infants' cut and sew apparel contractors	653 462	98.70
315221		Men's and boys' cut and sew underwear and nightwear manufacturing	246 151	100.00
	313241	Weft knit fabric mills	D	S
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	190 669	77.46
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	7 607	3.09
3152210		Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	246 151	100.00
	313241	Weft knit fabric mills	D	S
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	190 669	77.46
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	7 607	3.09
315222		Men's and boys' cut and sew suit, coat, and overcoat manufacturing	914 585	100.00
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	863 577	94.42
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	13 384	1.46
	315225	Men's and boys' cut and sew work clothing manufacturing	8 435	.92
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	10 111	1.11
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
3152222		Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.)	484 835	53.01
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	457 321	94.33
	315225	Men's and boys' cut and sew work clothing manufacturing	8 131	1.68
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	9 332	1.92
3152224		Men's and boys' tailored overcoats, topcoats, and car and suburban coats (including water-repellent)	96 928	10.60
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	92 826	95.77
3152226		Men's and boys' tailored dress and sport coats and vests	298 681	32.66
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	280 467	93.90
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	9 006	3.02
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
315222W		Men's and boys' cut and sew suit, coat, and overcoat manufacturing, nsk, total	34 141	3.73
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	32 963	96.55
315223		Men's and boys' cut and sew shirt (except work shirt) manufacturing	1 871 546	100.00
	313241	Weft knit fabric mills	D	S
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	7 093	.38
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	1 324 544	70.77
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	30 538	1.63
	315225	Men's and boys' cut and sew work clothing manufacturing	38 375	2.05
	315228	Men's and boys' cut and sew other outerwear manufacturing	77 228	4.13
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	64 560	3.45
	315233	Women's and girls' cut and sew dress manufacturing	35 772	1.91
	315239	Women's and girls' cut and sew other outerwear manufacturing	133 459	7.13
	315291	Infants' cut and sew apparel manufacturing	D	S
	315299	All other cut and sew apparel manufacturing	D	S
	315993	Men's and boys' neckwear manufacturing	D	S
3152231		Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	1 362 413	72.80
	313241	Weft knit fabric mills	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
315223		Men's and boys' cut and sew shirt (except work shirt) manufacturing—Con.		
3152231		Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics—Con.		
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	941 886	69.13
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	67 905	4.98
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	59 969	4.40
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	102 381	7.51
	315291	Infants' cut and sew apparel manufacturing	D	S
	315299	All other cut and sew apparel manufacturing	D	S
3152233		Men's and boys' woven dress and sport shirts, made from purchased fabrics	374 486	20.01
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	248 046	66.24
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	28 056	7.49
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	9 323	2.49
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	31 078	8.30
315223W		Men's and boys' cut and sew shirts (except work shirts) manufacturing, nsk, total	134 647	7.19
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	134 612	99.97
315224		Men's and boys' cut and sew trouser, slack, and jean manufacturing	4 134 430	100.00
	315191	Outerwear knitting mills	D	S
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	91 043	2.20
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	24 171	.58
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	3 823 890	92.49
	315225	Men's and boys' cut and sew work clothing manufacturing	28 116	.68
	315228	Men's and boys' cut and sew other outerwear manufacturing	8 959	.22
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	117 723	2.85
	315291	Infants' cut and sew apparel manufacturing	D	S
3152242		Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	1 427 768	34.53
	315191	Outerwear knitting mills	D	S
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	90 941	6.37
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	21 155	1.48
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	1 273 963	89.23
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	8 007	.56
	315239	Women's and girls' cut and sew other outerwear manufacturing	11 586	.81
3152244		Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics	2 579 168	62.38
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	2 424 759	94.01
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	106 137	4.12
	315291	Infants' cut and sew apparel manufacturing	D	S
315224W		Men's and boys' cut and sew trouser, slack, and jean manufacturing, nsk, total	127 494	3.08
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	125 168	98.18
315225		Men's and boys' cut and sew work clothing manufacturing	1 743 068	100.00
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315225	Men's and boys' cut and sew work clothing manufacturing	1 591 150	91.28
	315228	Men's and boys' cut and sew other outerwear manufacturing	30 415	1.74
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	87 522	5.02
3152251		Men's and boys' work shirts, made from purchased fabrics	413 720	23.74
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315225	Men's and boys' cut and sew work clothing manufacturing	376 783	91.07
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
3152254		Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics	1 233 609	70.77
	315225	Men's and boys' cut and sew work clothing manufacturing	1 118 628	90.68
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
315225W		Men's and boys' cut and sew work clothing manufacturing, nsk, total	95 739	5.49
	315225	Men's and boys' cut and sew work clothing manufacturing	95 739	100.00
315228		Men's and boys' cut and sew other outerwear manufacturing	1 172 879	100.00
	315191	Outerwear knitting mills	D	S
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	D	S
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	37 807	3.22
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	141 569	12.07
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	680 707	58.04
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	111 148	9.48
	315291	Infants' cut and sew apparel manufacturing	15 799	1.35
	315292	Fur and leather apparel manufacturing	D	S
	315299	All other cut and sew apparel manufacturing	15 038	1.28
3152282		Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics	395 066	33.68
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	24 681	6.25
	315225	Men's and boys' cut and sew work clothing manufacturing	7 551	1.91
	315228	Men's and boys' cut and sew other outerwear manufacturing	306 607	77.61
	315239	Women's and girls' cut and sew other outerwear manufacturing	17 022	4.31
	315292	Fur and leather apparel manufacturing	D	S
3152284		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	460 755	39.28
	315191	Outerwear knitting mills	D	S
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	16 445	3.57
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	113 804	24.70
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	132 900	28.84

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
315228		Men's and boys' cut and sew other outerwear manufacturing—Con.		
3152284		Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics—Con.		
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	54 345	11.79
	315291	Infants' cut and sew apparel manufacturing	12 377	2.69
	315299	All other cut and sew apparel manufacturing	D	S
3152286		Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics	205 188	17.49
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	129 330	63.03
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	39 781	19.39
315228W		Men's and boys' cut and sew other outerwear manufacturing, nsk, total	111 870	9.54
	315228	Men's and boys' cut and sew other outerwear manufacturing	111 870	100.00
315231		Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	2 330 692	100.00
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315192	Underwear and nightwear knitting mills	D	S
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	2 190 959	94.00
3152311		Women's and girls' underwear, except foundation garments, made from purchased fabrics	482 037	20.68
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315192	Underwear and nightwear knitting mills	D	S
	315221	Men's and boys' cut and sew underwear and nightwear manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	348 931	72.39
3152313		Women's and girls' nightwear, except robes, made from purchased fabrics	256 728	11.02
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	254 887	99.28
3152315		Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics	1 364 077	58.53
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	1 360 691	99.75
3152318		Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics	56 282	2.41
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	56 282	100.00
3152319		Women's and girls' robes and dressing gowns, made from purchased fabrics	66 783	2.87
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	65 385	97.91
315231W		Women's and girls' cut and sew lingerie, loungewear and nightwear manufacturing, nsk, total	104 785	4.50
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	104 783	100.00
315232		Women's and girls' cut and sew blouse and shirt manufacturing	3 110 947	100.00
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	155 740	5.01
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315225	Men's and boys' cut and sew work clothing manufacturing	18 865	.61
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	2 355 495	75.72
	315233	Women's and girls' cut and sew dress manufacturing	132 592	4.26
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	59 474	1.91
	315239	Women's and girls' cut and sew other outerwear manufacturing	301 181	9.68
	315291	Infants' cut and sew apparel manufacturing	34 805	1.12
	315999	Other apparel accessories and other apparel manufacturing	D	S
	323113	Commercial screen printing	D	S
3152321		Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	1 605 180	51.60
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	142 324	8.87
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	1 105 248	68.86
	315233	Women's and girls' cut and sew dress manufacturing	50 736	3.16
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	15 052	.94
	315239	Women's and girls' cut and sew other outerwear manufacturing	215 540	13.43
	315291	Infants' cut and sew apparel manufacturing	33 554	2.09
	315999	Other apparel accessories and other apparel manufacturing	D	S
	323113	Commercial screen printing	D	S
3152323		Women's and girls' woven shirts and blouses, made from purchased fabrics	1 237 803	39.79
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	13 389	1.08
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315225	Men's and boys' cut and sew work clothing manufacturing	16 065	1.30
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	982 310	79.36
	315233	Women's and girls' cut and sew dress manufacturing	81 856	6.61
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	44 422	3.59
	315239	Women's and girls' cut and sew other outerwear manufacturing	85 641	6.92
315232W		Women's and girls' cut and sew blouse and shirt manufacturing, nsk, total	267 964	8.61
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	267 937	99.99
315233		Women's and girls' cut and sew dress manufacturing	3 042 071	100.00
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	240 542	7.91
	315233	Women's and girls' cut and sew dress manufacturing	2 658 033	87.38
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	16 571	.54
	315239	Women's and girls' cut and sew other outerwear manufacturing	88 725	2.92
	315291	Infants' cut and sew apparel manufacturing	D	S
	315299	All other cut and sew apparel manufacturing	D	S
3152330		Women's and girls' dresses, made from purchased fabrics	3 042 071	100.00
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	240 542	7.91
	315233	Women's and girls' cut and sew dress manufacturing	2 658 033	87.38
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	16 571	.54
	315239	Women's and girls' cut and sew other outerwear manufacturing	88 725	2.92
	315291	Infants' cut and sew apparel manufacturing	D	S
	315299	All other cut and sew apparel manufacturing	D	S
315234		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	1 492 436	100.00
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	19 000	1.27
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	212 592	14.24

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
315234		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing—Con.		
	315233	Women's and girls' cut and sew dress manufacturing	73 918	4.95
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	912 883	61.17
	315239	Women's and girls' cut and sew other outerwear manufacturing	226 667	15.19
	315291	Infants' cut and sew apparel manufacturing	D	S
3152342		Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled)	235 830	15.80
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	D	S
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	202 135	85.71
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
3152344		Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc)	96 269	6.45
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315233	Women's and girls' cut and sew dress manufacturing	10 986	11.41
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	53 730	55.81
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
3152346		Women's and girls' skirts, made from purchased fabrics	716 960	48.04
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	154 385	21.53
	315233	Women's and girls' cut and sew dress manufacturing	45 399	6.33
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	377 596	52.67
	315239	Women's and girls' cut and sew other outerwear manufacturing	104 824	14.62
	315291	Infants' cut and sew apparel manufacturing	D	S
3152348		Women's and girls' tailored jackets and vests, except fur and leather	314 741	21.09
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315233	Women's and girls' cut and sew dress manufacturing	17 533	5.57
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	150 786	47.91
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
315234W		Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing, nsk, total	128 636	8.62
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	128 636	100.00
315239		Women's and girls' cut and sew other outerwear manufacturing	5 019 443	100.00
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315191	Outerwear knitting mills	13 824	.28
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	22 383	.45
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	815 289	16.24
	315225	Men's and boys' cut and sew work clothing manufacturing	111 085	2.21
	315228	Men's and boys' cut and sew other outerwear manufacturing	63 707	1.27
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	46 179	.92
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	487 060	9.70
	315233	Women's and girls' cut and sew dress manufacturing	82 761	1.65
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	3 179 575	63.35
	315291	Infants' cut and sew apparel manufacturing	29 366	.59
3152392		Women's and girls' sweaters, including sweater vests, made from purchased fabrics	231 306	4.61
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	31 471	13.61
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
3152394		Women's and girls' shorts, including tennis skirts, made from purchased fabrics	565 360	11.26
	315191	Outerwear knitting mills	D	S
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	127 403	22.53
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	322 006	56.96
	315291	Infants' cut and sew apparel manufacturing	D	S
3152396		Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	2 455 997	48.93
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	D	S
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	294 806	12.00
	315233	Women's and girls' cut and sew dress manufacturing	50 759	2.07
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	104 796	4.27
	315239	Women's and girls' cut and sew other outerwear manufacturing	1 198 537	48.80
	315291	Infants' cut and sew apparel manufacturing	11 691	.48
3152398		Women's and girls' sweatpants, bodysuits and bodysuits, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics	208 345	4.15
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	22 181	10.65
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	124 631	59.82
315239A		Women's and girls' swimwear, made from purchased fabrics	640 317	12.76
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	618 221	96.55
315239C		Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	167 380	3.33
	315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	20 967	12.53
	315232	Women's and girls' cut and sew blouse and shirt manufacturing	D	S
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	101 172	60.44
315239E		Women's and girls' washable service apparel, including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits, made from purchased fabrics	413 504	8.24
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315228	Men's and boys' cut and sew other outerwear manufacturing	D	S
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
315239W		Women's and girls' cut and sew other outerwear manufacturing, nsk, total	300 861	72.76
	315239	Women's and girls' cut and sew other outerwear manufacturing	337 234	6.72
	315239	Women's and girls' cut and sew other outerwear manufacturing	334 186	99.10
315291		Infants' cut and sew apparel manufacturing	247 604	100.00
	314129	Other household textile product mills	D	S
	315192	Underwear and nightwear knitting mills	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315291	Infants' cut and sew apparel manufacturing	173 704	70.15

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
315291		Infants' cut and sew apparel manufacturing—Con.		
3152910		Infants' apparel, made from purchased fabrics	247 604	100.00
	314129	Other household textile product mills	D	S
	315192	Underwear and nightwear knitting mills	D	S
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315233	Women's and girls' cut and sew dress manufacturing	D	S
	315291	Infants' cut and sew apparel manufacturing	173 704	70.15
315292		Fur and leather apparel manufacturing	210 510	100.00
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315292	Fur and leather apparel manufacturing	D	S
3152921		Fur coats, capes, jackets, neck pieces, fur linings, and other fur garments, accessories, and trimmings	42 663	20.27
	315292	Fur and leather apparel manufacturing	40 449	94.81
3152925		Leather and sheep-lined clothing	146 173	69.44
	315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	D	S
	315292	Fur and leather apparel manufacturing	D	S
315292W		Fur and leather apparel manufacturing, nsk, total	21 674	10.30
	315292	Fur and leather apparel manufacturing	21 167	97.66
315299		All other cut and sew apparel manufacturing	972 277	100.00
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	6 315	.65
	315299	All other cut and sew apparel manufacturing	946 536	97.35
3152991		Men's and boys' team sport uniforms	218 112	22.43
	315299	All other cut and sew apparel manufacturing	208 739	95.70
3152993		Women's and girls' team sport uniforms	71 256	7.33
	315299	All other cut and sew apparel manufacturing	68 107	95.58
3152995		Vestments and costumes	501 983	51.63
	315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	D	S
	315299	All other cut and sew apparel manufacturing	490 996	97.81
3152997		Apparel 50% or greater plastic or rubber, including raincoats and rubber pants (except wet suits)	38 236	3.93
	315299	All other cut and sew apparel manufacturing	36 004	94.16
315299W		All other cut and sew apparel manufacturing, nsk, total	142 690	14.68
	315299	All other cut and sew apparel manufacturing	142 690	100.00
315991		Hat, cap, and millinery manufacturing	572 496	100.00
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	315991	Hat, cap, and millinery manufacturing	D	S
3159912		Men's and boys' fabric, straw, and felt hats and caps	166 042	29.00
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	315991	Hat, cap, and millinery manufacturing	D	S
3159915		Women's, girls', and infants' fabric, straw, and felt hats and caps	36 008	6.29
	315991	Hat, cap, and millinery manufacturing	36 008	100.00
3159916		Hat bodies and fabric caps	247 157	43.17
	315991	Hat, cap, and millinery manufacturing	242 605	98.16
315991W		Hat, cap, and millinery manufacturing, nsk, total	123 289	21.54
	315991	Hat, cap, and millinery manufacturing	122 601	99.44
315992		Glove and mitten manufacturing	D	S
	315992	Glove and mitten manufacturing	D	S
3159921		Gloves and mittens, made from purchased fabrics	56 224	36.31
	315992	Glove and mitten manufacturing	55 293	98.34
3159923		Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics	D	S
	315992	Glove and mitten manufacturing	D	S
3159925		Gloves and mittens, all leather, made from purchased leather	D	S
	315992	Glove and mitten manufacturing	D	S
315992W		Glove and mitten manufacturing, nsk, total	40 339	26.05
	315992	Glove and mitten manufacturing	40 339	100.00
315993		Men's and boys' neckwear manufacturing	D	S
	315993	Men's and boys' neckwear manufacturing	D	S
3159930		Men's and boys' neckwear	D	S
	315993	Men's and boys' neckwear manufacturing	D	S
315999		Other apparel accessories and other apparel manufacturing	1 219 412	100.00
	314129	Other household textile product mills	D	S
	314999	All other miscellaneous textile product mills	D	S
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315999	Other apparel accessories and other apparel manufacturing	1 148 670	94.20
3159991		Women's and girls' scarfs, dickies, and other neckwear	19 494	1.60
	315999	Other apparel accessories and other apparel manufacturing	D	S
3159995		Leather belts	426 871	35.01
	314129	Other household textile product mills	D	S
	315999	Other apparel accessories and other apparel manufacturing	418 945	98.14
3159997		Belts, other than leather	46 108	3.78
	315999	Other apparel accessories and other apparel manufacturing	D	S
3159999		Apparel accessories 50 percent or greater plastic or rubber, including aprons, bibs, rainhats, and shower and bathing caps	67 295	5.52
	315999	Other apparel accessories and other apparel manufacturing	60 905	90.50
315999A		Hose supporters, arm bands, suspenders, and handkerchiefs	43 988	3.61
	315999	Other apparel accessories and other apparel manufacturing	43 988	100.00
315999D		Apparel findings, trimmings, and all other fabricated apparel accessories	273 542	22.43
	314999	All other miscellaneous textile product mills	D	S
	315225	Men's and boys' cut and sew work clothing manufacturing	D	S
	315999	Other apparel accessories and other apparel manufacturing	226 101	82.66
315999W		Other apparel accessories and other apparel manufacturing, nsk, total	342 114	28.06
	315999	Other apparel accessories and other apparel manufacturing	340 392	99.50
316110		Leather and hide tanning and finishing	2 430 448	100.00
	316111	Animal (except poultry) slaughtering	D	S
	316110	Leather and hide tanning and finishing	D	S
3161101		Finished and unfinished leather	2 219 132	91.31
	316111	Animal (except poultry) slaughtering	D	S
	316110	Leather and hide tanning and finishing	D	S
3161104		Contract and commission receipts for tanning or finishing leather owned by others	119 329	4.91
	316110	Leather and hide tanning and finishing	119 329	100.00
3161107		Furs, dressed and dyed or bleached	11 487	.47
	316110	Leather and hide tanning and finishing	11 487	100.00

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
316110		Leather and hide tanning and finishing—Con.		
316110W		Leather and hide tanning and finishing, nsk, total	80 500	3.31
	316110	Leather and hide tanning and finishing	80 500	100.00
316211		Rubber and plastics footwear manufacturing	469 398	100.00
	316211	Rubber and plastics footwear manufacturing	445 890	94.99
	316213	Men's footwear (except athletic) manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3162111		Protective footwear	109 021	23.23
	316211	Rubber and plastics footwear manufacturing	88 708	81.37
	316213	Men's footwear (except athletic) manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3162114		Shoes with soles vulcanized, molded, or cemented to fabric uppers, excluding sandals and slippers	348 657	74.28
	316211	Rubber and plastics footwear manufacturing	345 462	99.08
316211W		Rubber and plastics footwear manufacturing, nsk, total	11 720	2.50
	316211	Rubber and plastics footwear manufacturing	11 720	100.00
316212		House slipper manufacturing	84 618	100.00
	316212	House slipper manufacturing	D	S
3162120		House slippers	84 618	100.00
	316212	House slipper manufacturing	D	S
316213		Men's footwear (except athletic) manufacturing	956 807	100.00
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	316213	Men's footwear (except athletic) manufacturing	D	S
3162130		Men's footwear, except athletic	956 807	100.00
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	316213	Men's footwear (except athletic) manufacturing	D	S
316214		Women's footwear (except athletic) manufacturing	263 398	100.00
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	316213	Men's footwear (except athletic) manufacturing	D	S
	316214	Women's footwear (except athletic) manufacturing	213 647	81.11
3162140		Women's footwear, except athletic	263 398	100.00
	315239	Women's and girls' cut and sew other outerwear manufacturing	D	S
	316213	Men's footwear (except athletic) manufacturing	D	S
	316214	Women's footwear (except athletic) manufacturing	213 647	81.11
316219		Other footwear manufacturing	122 613	100.00
	314911	Textile bag mills	D	S
	316219	Other footwear manufacturing	D	S
3162190		All other footwear, except rubber	122 613	100.00
	314911	Textile bag mills	D	S
	316219	Other footwear manufacturing	D	S
316991		Luggage manufacturing	563 259	100.00
	316991	Luggage manufacturing	503 835	89.45
	316993	Personal leather goods (except women's handbag and purse) manufacturing	22 680	4.03
	316999	All other leather goods manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
3169910		Luggage	563 259	100.00
	316991	Luggage manufacturing	503 835	89.45
	316993	Personal leather goods (except women's handbag and purse) manufacturing	22 680	4.03
	316999	All other leather goods manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
316992		Women's handbag and purse manufacturing	193 113	100.00
	315999	Other apparel accessories and other apparel manufacturing	D	S
	316991	Luggage manufacturing	D	S
	316992	Women's handbag and purse manufacturing	D	S
	316993	Personal leather goods (except women's handbag and purse) manufacturing	D	S
3169920		Women's and children's handbags and purses	193 113	100.00
	315999	Other apparel accessories and other apparel manufacturing	D	S
	316991	Luggage manufacturing	D	S
	316992	Women's handbag and purse manufacturing	D	S
	316993	Personal leather goods (except women's handbag and purse) manufacturing	D	S
316993		Personal leather good (except women's handbag and purse) manufacturing	290 620	100.00
	315999	Other apparel accessories and other apparel manufacturing	19 911	6.85
	316991	Luggage manufacturing	D	S
	316992	Women's handbag and purse manufacturing	D	S
	316993	Personal leather goods (except women's handbag and purse) manufacturing	214 096	73.67
	316999	All other leather goods manufacturing	7 850	2.70
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3169930		All other personal leather goods	290 620	100.00
	315999	Other apparel accessories and other apparel manufacturing	19 911	6.85
	316991	Luggage manufacturing	D	S
	316992	Women's handbag and purse manufacturing	D	S
	316993	Personal leather goods (except women's handbag and purse) manufacturing	214 096	73.67
	316999	All other leather goods manufacturing	7 850	2.70
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
316999		All other leather good manufacturing	666 614	100.00
	313230	Nonwoven fabric mills	D	S
	316110	Leather and hide tanning and finishing	D	S
	316213	Men's footwear (except athletic) manufacturing	D	S
	316993	Personal leather goods (except women's handbag and purse) manufacturing	D	S
	316999	All other leather goods manufacturing	533 305	80.00
	337121	Upholstered household furniture manufacturing	D	S
3169991		Boot and shoe cut stock and findings	78 345	11.75
	313230	Nonwoven fabric mills	D	S
	316110	Leather and hide tanning and finishing	D	S
	316213	Men's footwear (except athletic) manufacturing	D	S
	316999	All other leather goods manufacturing	33 516	42.78
3169994		All other miscellaneous leather goods	502 995	75.46
	316999	All other leather goods manufacturing	414 626	82.43
	337121	Upholstered household furniture manufacturing	D	S
316999W		All other leather good manufacturing, nsk, total	85 274	12.79
	316999	All other leather goods manufacturing	85 163	99.87

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text.]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
321113		Sawmills	20 204 446	100.00
	321113	Sawmills	19 409 683	96.07
	321114	Wood preservation	161 733	.80
	321211	Hardwood veneer and plywood manufacturing	29 055	.14
	321212	Softwood veneer and plywood manufacturing	259 607	1.28
	321214	Truss manufacturing	D	S
	321219	Reconstituted wood product manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	165 623	.82
	321920	Wood container and pallet manufacturing	114 003	.56
	321999	All other miscellaneous wood product manufacturing	25 462	.13
3211131		Hardwood lumber, made in sawmills	3 772 464	18.67
	321113	Sawmills	3 592 623	95.23
	321114	Wood preservation	6 307	.17
	321211	Hardwood veneer and plywood manufacturing	19 035	.50
	321912	Cut stock, resawing lumber, and planing	80 539	2.13
	321920	Wood container and pallet manufacturing	54 546	1.45
	321999	All other miscellaneous wood product manufacturing	8 592	.23
3211133		Softwood lumber, made in sawmills	11 120 320	55.04
	321113	Sawmills	10 794 682	97.07
	321114	Wood preservation	143 140	1.29
	321212	Softwood veneer and plywood manufacturing	105 942	.95
	321214	Truss manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	37 749	.34
	321920	Wood container and pallet manufacturing	21 976	.20
	321999	All other miscellaneous wood product manufacturing	D	S
3211135		Wood chips, except field chips	1 765 507	8.74
	321113	Sawmills	1 501 173	85.03
	321211	Hardwood veneer and plywood manufacturing	9 410	.53
	321212	Softwood veneer and plywood manufacturing	145 861	8.26
	321219	Reconstituted wood product manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	44 538	2.52
	321920	Wood container and pallet manufacturing	35 750	2.02
	321999	All other miscellaneous wood product manufacturing	D	S
3211137		Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others	252 102	1.25
	321113	Sawmills	D	S
	321114	Wood preservation	D	S
321113W		Sawmills, nsk, total	3 294 053	16.30
	321113	Sawmills	D	S
	321212	Softwood veneer and plywood manufacturing	D	S
321114		Wood preservation	4 185 415	100.00
	321113	Sawmills	64 657	1.54
	321114	Wood preservation	4 071 633	97.28
	321912	Cut stock, resawing lumber, and planing	D	S
	321999	All other miscellaneous wood product manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S
3211141		Wood poles, piles, and posts owned and treated by the same establishment	926 370	22.13
	321113	Sawmills	40 431	4.36
	321114	Wood preservation	881 906	95.20
3211145		Other wood products owned and treated by the same establishment	2 823 627	67.46
	321113	Sawmills	19 753	.70
	321114	Wood preservation	2 759 780	97.74
	321912	Cut stock, resawing lumber, and planing	D	S
	321999	All other miscellaneous wood product manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S
3211149		Contract wood preservation	165 571	3.96
	321114	Wood preservation	160 270	96.80
321114W		Wood preservation, nsk, total	269 847	6.45
	321114	Wood preservation	269 697	99.94
321211		Hardwood veneer and plywood manufacturing	2 985 822	100.00
	321113	Sawmills	8 790	.29
	321211	Hardwood veneer and plywood manufacturing	2 784 110	93.24
	321212	Softwood veneer and plywood manufacturing	D	S
	321214	Truss manufacturing	12 151	.41
	321219	Reconstituted wood product manufacturing	21 223	.71
	321912	Cut stock, resawing lumber, and planing	11 060	.37
	321918	Other millwork (including flooring)	13 904	.47
	327420	Gypsum product manufacturing	D	S
	337121	Upholstered household furniture manufacturing	D	S
3212111		Hardwood veneer, including veneer backed with paper, cloth, or other flexible material	1 121 230	37.55
	321211	Hardwood veneer and plywood manufacturing	1 073 979	95.79
	321212	Softwood veneer and plywood manufacturing	D	S
3212113		Hardwood plywood, except prefabricated hardwood plywood made from purchased hardwood plywood	1 043 725	34.96
	321211	Hardwood veneer and plywood manufacturing	1 007 956	96.57
	321212	Softwood veneer and plywood manufacturing	9 846	.94
	321912	Cut stock, resawing lumber, and planing	D	S
	321918	Other millwork (including flooring)	D	S
3212115		Prefabricated hardwood plywood made from purchased hardwood plywood	131 971	4.42
	321211	Hardwood veneer and plywood manufacturing	90 720	68.74
	321212	Softwood veneer and plywood manufacturing	D	S
	321219	Reconstituted wood product manufacturing	D	S
	337121	Upholstered household furniture manufacturing	D	S
3212117		Hardwood plywood type products	481 891	16.14
	321211	Hardwood veneer and plywood manufacturing	411 636	85.42
	321212	Softwood veneer and plywood manufacturing	35 499	7.37
	321214	Truss manufacturing	D	S
	327420	Gypsum product manufacturing	D	S
321211W		Hardwood veneer and plywood manufacturing, nsk, total	207 005	6.93
	321211	Hardwood veneer and plywood manufacturing	199 819	96.53
321212		Softwood veneer and plywood manufacturing	4 473 591	100.00
	321113	Sawmills	140 626	3.14
	321211	Hardwood veneer and plywood manufacturing	98 464	2.20
	321212	Softwood veneer and plywood manufacturing	4 139 267	92.53
	321213	Engineered wood member (except truss) manufacturing	D	S
	321214	Truss manufacturing	9 176	.21
	321912	Cut stock, resawing lumber, and planing	D	S
	321999	All other miscellaneous wood product manufacturing	D	S

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
321212		Softwood veneer and plywood manufacturing—Con.		
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3212121		Softwood veneer, including veneer backed with paper, cloth, or other flexible material	867 204	19.38
	321113	Sawmills	D	S
	321211	Hardwood veneer and plywood manufacturing	D	S
	321212	Softwood veneer and plywood manufacturing	783 482	90.35
	321213	Engineered wood member (except truss) manufacturing	D	S
3212123		Softwood plywood, rough, including touch sanded, interior and exterior	2 308 338	51.60
	321113	Sawmills	64 696	2.80
	321211	Hardwood veneer and plywood manufacturing	D	S
	321212	Softwood veneer and plywood manufacturing	2 160 435	93.59
	321912	Cut stock, resawing lumber, and planing	D	S
	321999	All other miscellaneous wood product manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3212125		Softwood plywood, sanded, interior and exterior	647 967	14.48
	321113	Sawmills	D	S
	321211	Hardwood veneer and plywood manufacturing	D	S
	321212	Softwood veneer and plywood manufacturing	587 003	90.59
3212128		Softwood plywood specialties	624 683	13.96
	321211	Hardwood veneer and plywood manufacturing	D	S
	321212	Softwood veneer and plywood manufacturing	586 577	93.90
	321214	Truss manufacturing	D	S
321212W		Softwood veneer and plywood manufacturing, nsk, total	25 399	.57
	321212	Softwood veneer and plywood manufacturing	21 770	85.71
321213		Engineered wood member (except truss) manufacturing	2 044 706	100.00
	321212	Softwood veneer and plywood manufacturing	D	S
	321213	Engineered wood member (except truss) manufacturing	1 888 879	92.38
	321214	Truss manufacturing	104 885	5.13
	321219	Reconstituted wood product manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
3212130		Engineered wood members (except trusses)	2 044 706	100.00
	321212	Softwood veneer and plywood manufacturing	D	S
	321213	Engineered wood member (except truss) manufacturing	1 888 879	92.38
	321214	Truss manufacturing	104 885	5.13
	321219	Reconstituted wood product manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
321214		Truss manufacturing	4 208 143	100.00
	321113	Sawmills	14 716	.35
	321114	Wood preservation	D	S
	321213	Engineered wood member (except truss) manufacturing	20 060	.48
	321214	Truss manufacturing	3 865 025	91.85
	321911	Wood window and door manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	142 824	3.39
	321992	Prefabricated wood building manufacturing	124 737	2.96
3212140		Wood trusses	4 208 143	100.00
	321113	Sawmills	14 716	.35
	321114	Wood preservation	D	S
	321213	Engineered wood member (except truss) manufacturing	20 060	.48
	321214	Truss manufacturing	3 865 025	91.85
	321911	Wood window and door manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	142 824	3.39
	321992	Prefabricated wood building manufacturing	124 737	2.96
321219		Reconstituted wood product manufacturing	5 670 063	100.00
	321113	Sawmills	D	S
	321211	Hardwood veneer and plywood manufacturing	D	S
	321212	Softwood veneer and plywood manufacturing	D	S
	321219	Reconstituted wood product manufacturing	5 548 719	97.86
	321912	Cut stock, resawing lumber, and planing	D	S
	327420	Gypsum product manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
3212191		Particleboard made from particleboard produced at the same location	1 203 134	21.22
	321113	Sawmills	D	S
	321211	Hardwood veneer and plywood manufacturing	D	S
	321219	Reconstituted wood product manufacturing	1 150 344	95.61
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
3212192		Waferboard and oriented strandboard	1 933 582	34.10
	321212	Softwood veneer and plywood manufacturing	D	S
	321219	Reconstituted wood product manufacturing	1 905 334	98.54
3212193		Medium density fiberboard (MDF) made from MDF produced at the same location	657 842	11.60
	321219	Reconstituted wood product manufacturing	655 782	99.69
3212194		Hardboard made from hardboard produced at the same location	475 013	8.38
	321219	Reconstituted wood product manufacturing	471 235	99.20
3212195		Cellulosic fiberboard (insulating board)	117 793	2.08
	321219	Reconstituted wood product manufacturing	117 792	100.00
3212197		Hardboard made from purchased hardboard	319 961	5.64
	321219	Reconstituted wood product manufacturing	312 214	97.58
3212198		Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF	753 549	13.29
	321219	Reconstituted wood product manufacturing	744 554	98.81
321219W		Reconstituted wood product manufacturing, nsk, total	209 189	3.69
	321219	Reconstituted wood product manufacturing	191 464	91.53
	321912	Cut stock, resawing lumber, and planing	D	S
	327420	Gypsum product manufacturing	D	S
321911		Wood window and door manufacturing	10 106 072	100.00
	321214	Truss manufacturing	28 798	.28
	321219	Reconstituted wood product manufacturing	D	S
	321911	Wood window and door manufacturing	9 540 314	94.40
	321912	Cut stock, resawing lumber, and planing	33 217	.33
	321918	Other millwork (including flooring)	182 550	1.81
	321999	All other miscellaneous wood product manufacturing	D	S
	326199	All other plastics product manufacturing	95 308	.94
	327215	Glass product manufacturing made of purchased glass	D	S
	332321	Metal window and door manufacturing	73 511	.73
	332510	Hardware manufacturing	9 551	.09
	337110	Wood kitchen cabinet and countertop manufacturing	84 676	.84
	337212	Custom architectural woodwork and millwork manufacturing	6 843	.07

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
321911	337215	Wood window and door manufacturing—Con.		
		Showcase, partition, shelving, and locker manufacturing	9 334	.09
3219111		Wood window units	2 998 536	29.67
	321911	Wood window and door manufacturing	2 891 259	96.42
	321918	Other millwork (including flooring)	D	S
	326199	All other plastics product manufacturing	81 267	2.71
	332321	Metal window and door manufacturing	D	S
3219113		Wood sash, excluding sash shipped in window units	81 040	.80
	321911	Wood window and door manufacturing	63 044	77.79
	321918	Other millwork (including flooring)	D	S
3219115		Wood window and door frames, including door frames shipped in door units, excluding window frames shipped in window units	542 436	5.37
	321219	Reconstituted wood product manufacturing	D	S
	321911	Wood window and door manufacturing	404 043	74.49
	321912	Cut stock, resawing lumber, and planing	D	S
	321918	Other millwork (including flooring)	65 654	12.10
	332321	Metal window and door manufacturing	D	S
3219117		Wood panel, flush, and molded face doors, interior and exterior, including doors with glazed sections	3 335 347	33.00
	321214	Truss manufacturing	D	S
	321911	Wood window and door manufacturing	3 196 743	95.84
	321912	Cut stock, resawing lumber, and planing	D	S
	321918	Other millwork (including flooring)	78 260	2.35
	327215	Glass product manufacturing made of purchased glass	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	9 179	.28
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3219119		Other wood doors, including garage, patio, bifold, cabinet, screen, storm, and louver	1 594 661	15.78
	321911	Wood window and door manufacturing	1 485 987	93.19
	321918	Other millwork (including flooring)	D	S
	321999	All other miscellaneous wood product manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332321	Metal window and door manufacturing	7 699	.48
	337110	Wood kitchen cabinet and countertop manufacturing	70 743	4.44
321911W		Wood window and door manufacturing, nsk, total	1 554 052	15.38
	321214	Truss manufacturing	16 839	1.08
	321911	Wood window and door manufacturing	1 499 238	96.47
	332321	Metal window and door manufacturing	25 140	1.62
	332510	Hardware manufacturing	5 334	.34
321912		Cut stock, resawing lumber, and planing	5 355 632	100.00
	321113	Sawmills	293 251	5.48
	321114	Wood preservation	D	S
	321211	Hardwood veneer and plywood manufacturing	D	S
	321214	Truss manufacturing	8 694	.16
	321219	Reconstituted wood product manufacturing	D	S
	321911	Wood window and door manufacturing	32 840	.61
	321912	Cut stock, resawing lumber, and planing	4 767 090	89.01
	321918	Other millwork (including flooring)	68 687	1.28
	321920	Wood container and pallet manufacturing	14 731	.28
	321999	All other miscellaneous wood product manufacturing	22 498	.42
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	337212	Custom architectural woodworking and millwork manufacturing	5 775	.11
	337215	Showcase, partition, shelving, and locker manufacturing	29 879	.56
3219121		Hardwood lumber, made from purchased lumber	1 084 139	20.24
	321113	Sawmills	104 079	9.60
	321219	Reconstituted wood product manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	917 469	84.63
	321918	Other millwork (including flooring)	13 156	1.21
	321999	All other miscellaneous wood product manufacturing	D	S
3219123		Softwood lumber, made from purchased lumber	1 691 623	31.59
	321113	Sawmills	109 419	6.47
	321114	Wood preservation	D	S
	321214	Truss manufacturing	8 160	.48
	321912	Cut stock, resawing lumber, and planing	1 509 687	89.24
	321918	Other millwork (including flooring)	D	S
3219126		Hardwood cut stock and dimension	959 772	17.92
	321113	Sawmills	58 204	6.06
	321912	Cut stock, resawing lumber, and planing	837 789	87.29
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	337212	Custom architectural woodworking and millwork manufacturing	5 195	.54
	337215	Showcase, partition, shelving, and locker manufacturing	20 509	2.14
3219128		Softwood cut stock and dimension	641 738	11.98
	321113	Sawmills	14 982	2.33
	321911	Wood window and door manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	544 746	84.89
	321918	Other millwork (including flooring)	D	S
3219129		Sawn wood fence stock, wood lath, and contract resawing and planing	123 170	2.30
	321912	Cut stock, resawing lumber, and planing	6 234	5.06
	321912	Cut stock, resawing lumber, and planing	106 295	86.30
	321999	All other miscellaneous wood product manufacturing	6 817	5.53
321912W		Cut stock, resawn lumber, and planing, nsk, total	855 190	15.97
	321912	Cut stock, resawing lumber, and planing	851 104	99.52
321918		Other millwork (including flooring)	5 631 916	100.00
	321113	Sawmills	55 524	.99
	321214	Truss manufacturing	D	S
	321911	Wood window and door manufacturing	318 438	5.65
	321912	Cut stock, resawing lumber, and planing	59 449	1.06
	321918	Other millwork (including flooring)	4 970 770	88.26
	326199	All other plastics product manufacturing	26 942	.48
	327420	Gypsum product manufacturing	10 989	.20
	332321	Metal window and door manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	84 006	1.49
	337127	Institutional furniture manufacturing	D	S
	337212	Custom architectural woodworking and millwork manufacturing	22 046	.39
	337215	Showcase, partition, shelving, and locker manufacturing	8 413	.15
	337920	Blind and shade manufacturing	12 567	.22

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
321918		Other millwork (including flooring)—Con.		
3219181		Wood moldings, except prefinished moldings made from purchased moldings, including moldings covered with metal, plastics, etc.	2 030 037	36.05
	321113	Sawmills	D	S
	321911	Wood window and door manufacturing	101 553	5.00
	321912	Cut stock, resawing lumber, and planing	46 757	2.30
	321918	Other millwork (including flooring)	1 756 041	86.50
	326199	All other plastics product manufacturing	D	S
	332321	Metal window and door manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	60 232	2.97
	337212	Custom architectural woodwork and millwork manufacturing	12 428	.61
	337215	Showcase, partition, shelving, and locker manufacturing	7 469	.37
3219183		Prefinished wood moldings made from purchased moldings, including wood moldings covered with metal and plastics	92 608	1.64
	321911	Wood window and door manufacturing	18 986	20.50
	321918	Other millwork (including flooring)	60 861	65.72
	337110	Wood kitchen cabinet and countertop manufacturing	7 198	7.77
3219185		Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	1 497 489	26.59
	321113	Sawmills	26 816	1.79
	321214	Truss manufacturing	D	S
	321911	Wood window and door manufacturing	190 042	12.69
	321912	Cut stock, resawing lumber, and planing	12 473	.83
	321918	Other millwork (including flooring)	1 180 211	78.81
	326199	All other plastics product manufacturing	D	S
	327420	Gypsum product manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	12 772	.85
	337212	Custom architectural woodwork and millwork manufacturing	8 634	.58
	337920	Blind and shade manufacturing	12 325	.82
3219187		Hardwood flooring	1 551 839	27.55
	321113	Sawmills	D	S
	321911	Wood window and door manufacturing	7 602	.49
	321918	Other millwork (including flooring)	1 519 445	97.91
321918W		Other millwork (including flooring), nsk, total	459 943	8.17
	321918	Other millwork (including flooring)	454 212	98.75
321920		Wood container and pallet manufacturing	4 817 428	100.00
	321113	Sawmills	126 959	2.64
	321114	Wood preservation	30 112	.63
	321912	Cut stock, resawing lumber, and planing	D	S
	321918	Other millwork (including flooring)	D	S
	321920	Wood container and pallet manufacturing	4 541 093	94.26
	321999	All other miscellaneous wood product manufacturing	10 286	.21
	322211	Corrugated and solid fiber box manufacturing	23 026	.48
	326199	All other plastics product manufacturing	6 444	.13
3219201		Nailed and lock-corner wood boxes	331 735	6.89
	321114	Wood preservation	D	S
	321912	Cut stock, resawing lumber, and planing	D	S
	321920	Wood container and pallet manufacturing	D	S
3219203		Wood box and crate shooK	144 949	3.01
	321920	Wood container and pallet manufacturing	130 988	90.37
3219205		Wood pallets and pallet containers, wood and metal combination	3 028 039	62.86
	321113	Sawmills	120 598	3.98
	321114	Wood preservation	D	S
	321920	Wood container and pallet manufacturing	2 856 364	94.33
	321999	All other miscellaneous wood product manufacturing	D	S
3219207		Other wood container parts and wood containers	625 774	12.99
	321918	Other millwork (including flooring)	D	S
	321920	Wood container and pallet manufacturing	D	S
321920W		Wood container and pallet manufacturing, nsk, total	686 931	14.26
	321920	Wood container and pallet manufacturing	664 413	96.72
	322211	Corrugated and solid fiber box manufacturing	17 860	2.60
321991		Manufactured home (mobile home) manufacturing	6 631 875	100.00
	321991	Manufactured home (mobile home) manufacturing	6 587 846	99.34
	321992	Prefabricated wood building manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
3219911		Manufactured homes (mobile homes)	6 122 376	92.32
	321991	Manufactured home (mobile home) manufacturing	D	S
	321992	Prefabricated wood building manufacturing	D	S
3219915		Nonresidential mobile buildings	348 551	5.26
	321991	Manufactured home (mobile home) manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
321991W		Manufactured home (mobile home) manufacturing, nsk, total	160 948	2.43
	321991	Manufactured home (mobile home) manufacturing	160 769	99.89
321992		Prefabricated wood building manufacturing	3 569 872	100.00
	321113	Sawmills	7 459	.21
	321213	Engineered wood member (except truss) manufacturing	D	S
	321214	Truss manufacturing	122 996	3.45
	321912	Cut stock, resawing lumber, and planing	D	S
	321991	Manufactured home (mobile home) manufacturing	37 608	1.05
	321992	Prefabricated wood building manufacturing	3 353 634	93.94
	326191	Plastics plumbing fixture manufacturing	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
3219921		Components for prefabricated stationary wood buildings (not sold as complete units)	423 675	11.87
	321113	Sawmills	D	S
	321213	Engineered wood member (except truss) manufacturing	D	S
	321214	Truss manufacturing	96 398	22.75
	321912	Cut stock, resawing lumber, and planing	D	S
	321992	Prefabricated wood building manufacturing	292 348	69.00
3219923		Precut packages for prefabricated stationary wood buildings (complete units)	668 504	18.73
	321991	Manufactured home (mobile home) manufacturing	D	S
	321992	Prefabricated wood building manufacturing	D	S
3219925		Prefabricated stationary wood buildings shipped in panel form (complete units)	718 548	20.13
	321214	Truss manufacturing	23 907	3.33
	321992	Prefabricated wood building manufacturing	691 599	96.25
3219927		Prefabricated stationary wood buildings shipped in three-dimensional assemblies	1 292 257	36.20
	321992	Prefabricated wood building manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
321992		Prefabricated wood building manufacturing—Con.		
3219927		Prefabricated stationary wood buildings shipped in three-dimensional assemblies—Con.		
321992W	326191	Plastics plumbing fixture manufacturing	D	S
	321992	Prefabricated wood building manufacturing, nsk, total	466 888	13.08
		Prefabricated wood building manufacturing	464 549	99.50
321999		All other miscellaneous wood product manufacturing	4 213 754	100.00
	321113	Sawmills	48 350	1.15
	321912	Cut stock, resawing lumber, and planing	30 811	.73
	321918	Other millwork (including flooring)	17 336	.41
	321920	Wood container and pallet manufacturing	10 453	.25
	321999	All other miscellaneous wood product manufacturing	3 913 530	92.88
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326199	All other plastics product manufacturing	23 635	.56
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	332618	Other fabricated wire product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S
	337212	Custom architectural woodwork and millwork manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339942	Lead pencil and art good manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	8 546	.20
3219990		All other miscellaneous wood product manufacturing	4 213 754	100.00
	321113	Sawmills	48 350	1.15
	321912	Cut stock, resawing lumber, and planing	30 811	.73
	321918	Other millwork (including flooring)	17 336	.41
	321920	Wood container and pallet manufacturing	10 453	.25
	321999	All other miscellaneous wood product manufacturing	3 913 530	92.88
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326199	All other plastics product manufacturing	23 635	.56
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	332618	Other fabricated wire product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S
	337212	Custom architectural woodwork and millwork manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339942	Lead pencil and art good manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	8 546	.20
322110		Pulp mills	5 247 195	100.00
	322110	Pulp mills	D	S
	322121	Paper (except newsprint) mills	1 283 064	24.45
	322122	Newsprint mills	D	S
	322130	Paperboard mills	293 935	5.60
	322291	Sanitary paper product manufacturing	D	S
3221101		Special alpha and dissolving woodpulp (sulfite and sulfate for chemical conversion, papermaking, and other uses)	895 538	17.07
	322110	Pulp mills	D	S
	322121	Paper (except newsprint) mills	D	S
3221103		Sulfate woodpulp, including soda	3 687 222	70.27
	322110	Pulp mills	2 288 428	62.06
	322121	Paper (except newsprint) mills	992 642	26.92
	322122	Newsprint mills	D	S
	322130	Paperboard mills	D	S
	322291	Sanitary paper product manufacturing	D	S
3221105		Sulfite and other woodpulp	169 371	3.23
	322110	Pulp mills	D	S
	322121	Paper (except newsprint) mills	D	S
	322291	Sanitary paper product manufacturing	D	S
3221107		All other miscellaneous pulp, other than wood, and pulp mill byproducts	485 588	9.25
	322110	Pulp mills	401 747	82.73
	322121	Paper (except newsprint) mills	D	S
	322130	Paperboard mills	D	S
322110W		Pulp mills, nsk, total	9 476	.18
	322110	Pulp mills	D	S
322121		Paper (except newsprint) mills	40 783 284	100.00
	321114	Wood preservation	D	S
	322110	Pulp mills	D	S
	322121	Paper (except newsprint) mills	39 465 652	96.77
	322122	Newsprint mills	D	S
	322130	Paperboard mills	1 090 522	2.67
	322222	Coated and laminated paper manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	37 139	.09
3221211		Clay-coated printing and converting paper	7 693 273	18.86
	322121	Paper (except newsprint) mills	D	S
	322130	Paperboard mills	D	S
3221213		Uncoated freesheet paper (containing not more than 10 percent mechanical fiber)	10 178 840	24.96
	322110	Pulp mills	D	S
	322121	Paper (except newsprint) mills	10 023 365	98.47
	322122	Newsprint mills	D	S
	322130	Paperboard mills	D	S
	322222	Coated and laminated paper manufacturing	D	S
3221215		Bleached bristols (weight more than 150 g per sq meter), excluding cotton fiber index and bogus	1 226 783	3.01
	322121	Paper (except newsprint) mills	D	S
	322130	Paperboard mills	D	S
3221217		Cotton fiber paper (containing 25 percent or more cotton or similar fibers) and thin paper	D	S
	322121	Paper (except newsprint) mills	D	S
3221219		Unbleached kraft (not less than 80 percent) packaging and industrial converting paper	954 175	2.34
	322121	Paper (except newsprint) mills	665 068	69.70
	322130	Paperboard mills	287 956	30.18
322121A		Packaging and industrial converting paper, except unbleached kraft	876 648	2.15
	321114	Wood preservation	D	S
	322121	Paper (except newsprint) mills	716 696	81.75
	322130	Paperboard mills	D	S
	322222	Coated and laminated paper manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
322121		Paper (except newsprint) mills—Con.		
322121C		Special industrial paper, except specialty packaging, including absorbent, battery separator, electrical papers, etc.	1 685 363	4.13
	322121	Paper (except newsprint) mills	D	S
	322130	Paperboard mills	D	S
322121E		Construction paper	241 521	.59
	322121	Paper (except newsprint) mills	182 056	75.38
	322130	Paperboard mills	16 963	7.02
	324122	Asphalt shingle and coating materials manufacturing	37 139	15.38
322121G		Tissue paper and other machine-creped paper	2 060 339	5.05
	322121	Paper (except newsprint) mills	D	S
	322130	Paperboard mills	D	S
322121K		Disposable diapers and similar disposable products, made in paper mills	D	S
	322121	Paper (except newsprint) mills	D	S
322121N		Sanitary tissue paper products, made in paper mills	12 557 480	30.79
	322121	Paper (except newsprint) mills	D	S
	322222	Coated and laminated paper manufacturing	D	S
322121W		Paper (except newsprint) mills, nsk, total	39 133	.10
	322121	Paper (except newsprint) mills	39 133	100.00
322122		Newsprint mills	3 419 363	100.00
	322121	Paper (except newsprint) mills	406 000	11.87
	322122	Newsprint mills	D	S
	322130	Paperboard mills	D	S
3221221		Newsprint	2 533 179	74.08
	322121	Paper (except newsprint) mills	D	S
	322122	Newsprint mills	2 283 894	90.16
	322130	Paperboard mills	D	S
3221223		Uncoated ground-wood paper (containing more than 10 percent mechanical fiber)	886 184	25.92
	322121	Paper (except newsprint) mills	D	S
	322122	Newsprint mills	D	S
322130		Paperboard mills	19 649 670	100.00
	322121	Paper (except newsprint) mills	548 980	2.79
	322130	Paperboard mills	19 023 298	96.81
	322211	Corrugated and solid fiber box manufacturing	D	S
	322212	Folding paperboard box manufacturing	D	S
	322214	Fiber can, tube, drum, and similar products manufacturing	D	S
	327420	Gypsum product manufacturing	D	S
3221301		Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp)	8 075 890	41.10
	322130	Paperboard mills	D	S
	322211	Corrugated and solid fiber box manufacturing	D	S
3221303		Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp)	4 046 941	20.60
	322121	Paper (except newsprint) mills	D	S
	322130	Paperboard mills	D	S
3221305		Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp)	1 049 286	5.34
	322130	Paperboard mills	1 049 286	100.00
3221307		Recycled paperboard	6 416 857	32.66
	322121	Paper (except newsprint) mills	D	S
	322130	Paperboard mills	6 208 552	96.75
	322212	Folding paperboard box manufacturing	D	S
	322214	Fiber can, tube, drum, and similar products manufacturing	D	S
	327420	Gypsum product manufacturing	D	S
3221309		Wet machine board, including binders' board and shoe board	48 486	.25
	322130	Paperboard mills	48 486	100.00
322130W		Paperboard mills, nsk, total	12 210	.06
	322130	Paperboard mills	9 745	79.81
322211		Corrugated and solid fiber box manufacturing	27 926 685	100.00
	322211	Corrugated and solid fiber box manufacturing	27 639 640	98.97
	322213	Folding paperboard box manufacturing	132 229	.47
	322214	Setup paperboard box manufacturing	D	S
	322215	Fiber can, tube, drum, and similar products manufacturing	D	S
	322215	Nonfolding sanitary food container manufacturing	D	S
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322226	Surface-coated paperboard manufacturing	D	S
	322232	Envelope manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326199	All other plastics product manufacturing	73 070	.26
3222110		Corrugated and solid fiber boxes, including pallets	27 926 685	100.00
	322211	Corrugated and solid fiber box manufacturing	27 639 640	98.97
	322213	Folding paperboard box manufacturing	132 229	.47
	322214	Setup paperboard box manufacturing	D	S
	322215	Fiber can, tube, drum, and similar products manufacturing	D	S
	322215	Nonfolding sanitary food container manufacturing	D	S
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322226	Surface-coated paperboard manufacturing	D	S
	322232	Envelope manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326199	All other plastics product manufacturing	73 070	.26
322212		Folding paperboard box manufacturing	8 142 622	100.00
	311612	Meat processed from carcasses	D	S
	322211	Corrugated and solid fiber box manufacturing	280 891	3.45
	322212	Folding paperboard box manufacturing	7 654 121	94.00
	322213	Setup paperboard box manufacturing	50 870	.62
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	323110	Commercial lithographic printing	D	S
	326199	All other plastics product manufacturing	9 545	.12
3222120		Folding paperboard boxes, packaging, and packaging components	8 142 622	100.00
	311612	Meat processed from carcasses	D	S
	322211	Corrugated and solid fiber box manufacturing	280 891	3.45
	322212	Folding paperboard box manufacturing	7 654 121	94.00
	322213	Setup paperboard box manufacturing	50 870	.62
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
322212		Folding paperboard box manufacturing—Con.		
3222120		Folding paperboard boxes, packaging, and packaging components—Con.		
	323110	Commercial lithographic printing	D	S
	326199	All other plastics product manufacturing	9 545	.12
322213		Setup paperboard box manufacturing	760 519	100.00
	322211	Corrugated and solid fiber box manufacturing	139 310	18.32
	322212	Folding paperboard box manufacturing	79 400	10.44
	322213	Setup paperboard box manufacturing	537 239	70.64
3222130		Setup (rigid) paperboard boxes	760 519	100.00
	322211	Corrugated and solid fiber box manufacturing	139 310	18.32
	322212	Folding paperboard box manufacturing	79 400	10.44
	322213	Setup paperboard box manufacturing	537 239	70.64
322214		Fiber can, tube, drum, and similar products manufacturing	1 883 080	100.00
	322211	Corrugated and solid fiber box manufacturing	6 305	.33
	322214	Fiber can, tube, drum, and similar products manufacturing	1 834 206	97.40
	322226	Surface-coated paperboard manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
3222141		Paperboard fiber drums with ends of any material	292 641	15.54
	322214	Fiber can, tube, drum, and similar products manufacturing	277 007	94.66
	322226	Surface-coated paperboard manufacturing	D	S
3222143		Fiber cans, tubes, and similar fiber products	1 529 199	81.21
	322211	Corrugated and solid fiber box manufacturing	5 318	.35
	322214	Fiber can, tube, drum, and similar products manufacturing	1 495 979	97.83
	326199	All other plastics product manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
322214W		Fiber can, tube, drum, and similar products manufacturing, nsk, total	61 240	3.25
	322214	Fiber can, tube, drum, and similar products manufacturing	61 220	99.97
322215		Nonfolding sanitary food container manufacturing	2 973 261	100.00
	322211	Corrugated and solid fiber box manufacturing	D	S
	322212	Folding paperboard box manufacturing	D	S
	322215	Nonfolding sanitary food container manufacturing	2 735 413	92.00
	322291	Sanitary paper product manufacturing	51 236	1.72
	326199	All other plastics product manufacturing	D	S
3222151		Milk and milk-type paperboard cartons, including juice, beverage, and other products	735 001	24.72
	322215	Nonfolding sanitary food container manufacturing	728 356	99.10
3222153		Cups and liquid-tight paper and paperboard containers	1 428 315	48.04
	322211	Corrugated and solid fiber box manufacturing	D	S
	322212	Folding paperboard box manufacturing	D	S
	322215	Nonfolding sanitary food container manufacturing	1 239 657	86.79
	322291	Sanitary paper product manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
3222155		Other sanitary paper and paperboard food containers, boards, and trays, except folding	754 327	25.37
	322215	Nonfolding sanitary food container manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
322215W		Nonfolding sanitary food container manufacturing, nsk, total	D	S
	322215	Nonfolding sanitary food container manufacturing	D	S
322221		Coated and laminated packaging paper and plastics film manufacturing	1 269 646	100.00
	322121	Paper (except newsprint) mills	24 104	1.90
	322221	Coated and laminated packaging paper and plastics film manufacturing	980 013	77.19
	322222	Coated and laminated paper manufacturing	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	14 176	1.12
	322224	Uncoated paper and multiwall bag manufacturing	41 577	3.27
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	92 180	7.26
	326112	Plastics packaging film and sheet (including laminated) manufacturing	62 817	4.95
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
3222211		Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	749 880	59.06
	322221	Coated and laminated packaging paper and plastics film manufacturing	556 426	74.20
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322224	Uncoated paper and multiwall bag manufacturing	41 577	5.54
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	35 228	4.70
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
3222213		Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	407 848	32.12
	322121	Paper (except newsprint) mills	D	S
	322221	Coated and laminated packaging paper and plastics film manufacturing	318 121	78.00
	322222	Coated and laminated paper manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	27 589	6.76
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
322221W		Coated and laminated packaging paper and plastics film manufacturing, nsk, total	111 918	8.81
	322221	Coated and laminated packaging paper and plastics film manufacturing	105 466	94.24
322222		Coated and laminated paper manufacturing	10 875 309	100.00
	313230	Nonwoven fabric mills	D	S
	314999	All other miscellaneous textile product mills	D	S
	322121	Paper (except newsprint) mills	79 642	.73
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322222	Coated and laminated paper manufacturing	10 225 473	94.02
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	43 215	.40
	322231	Die-cut paper and paperboard office supplies manufacturing	14 565	.13
	322291	Sanitary paper product manufacturing	D	S
	322299	All other converted paper product manufacturing	5 974	.05
	323112	Commercial flexographic printing	21 988	.20
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
	326299	All other rubber product manufacturing	12 824	.12
	327910	Abrasive product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	337920	Blind and shade manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
322222		Coated and laminated paper manufacturing—Con.		
	339112	Surgical and medical instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3222221		Printing paper, coated at establishments other than where paper was produced	450 364	4.14
	322222	Coated and laminated paper manufacturing	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
3222223		Gummed products	275 735	2.54
	322222	Coated and laminated paper manufacturing	258 752	93.84
3222225		Pressure-sensitive products	6 776 121	62.31
	313230	Nonwoven fabric mills	D	S
	322121	Paper (except newsprint) mills	58 163	.86
	322222	Coated and laminated paper manufacturing	6 316 227	93.21
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	322299	All other converted paper product manufacturing	D	S
	323112	Commercial flexographic printing	21 759	.32
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326299	All other rubber product manufacturing	D	S
	327910	Abrasive product manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3222226		Wallcoverings	342 359	3.15
	322222	Coated and laminated paper manufacturing	D	S
	337920	Blind and shade manufacturing	D	S
3222228		Converted foil for nonpackaging applications	555 090	5.10
	322222	Coated and laminated paper manufacturing	475 393	85.64
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3222229		Other coated and processed papers, except for packaging uses	1 593 257	14.65
	322121	Paper (except newsprint) mills	D	S
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322222	Coated and laminated paper manufacturing	1 542 184	96.79
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	322291	Sanitary paper product manufacturing	D	S
322222A		Gift wrap paper	419 359	3.86
	322222	Coated and laminated paper manufacturing	417 582	99.58
322222W		Coated and laminated paper manufacturing, nsk, total	463 024	4.26
	322222	Coated and laminated paper manufacturing	459 159	99.17
322223		Plastics, foil, and coated paper bag manufacturing	583 528	100.00
	322121	Paper (except newsprint) mills	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	447 930	76.76
	322224	Uncoated paper and multiwall bag manufacturing	26 267	4.50
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	322291	Sanitary paper product manufacturing	D	S
	323112	Commercial flexographic printing	D	S
	326111	Plastics bag manufacturing	16 004	2.74
	326112	Plastics packaging film and sheet (including laminated) manufacturing	20 220	3.47
3222231		Specialty bags, pouches, and liners, coated and single-web paper	164 361	28.17
	322223	Plastics, foil, and coated paper bag manufacturing	121 544	73.95
	322224	Uncoated paper and multiwall bag manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	323112	Commercial flexographic printing	D	S
	326111	Plastics bag manufacturing	7 400	4.50
3222233		Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	399 345	68.44
	322121	Paper (except newsprint) mills	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	306 564	76.77
	322224	Uncoated paper and multiwall bag manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	326111	Plastics bag manufacturing	8 604	2.15
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
322223W		Plastics, foil, and coated paper bag manufacturing, nsk, total	19 822	3.40
	322223	Plastics, foil, and coated paper bag manufacturing	19 822	100.00
322224		Uncoated paper and multiwall bag manufacturing	2 097 491	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322224	Uncoated paper and multiwall bag manufacturing	2 026 211	96.60
	326111	Plastics bag manufacturing	D	S
3222241		Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	790 978	37.71
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322224	Uncoated paper and multiwall bag manufacturing	744 994	94.19
	326111	Plastics bag manufacturing	D	S
3222243		Shipping sacks and multiwall bags, all materials, except textiles	1 274 327	60.75
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322224	Uncoated paper and multiwall bag manufacturing	1 254 248	98.42
322224W		Uncoated paper and multiwall bag manufacturing, nsk, total	32 186	1.53
	322224	Uncoated paper and multiwall bag manufacturing	26 969	83.79
322225		Laminated aluminum foil manufacturing for flexible packaging uses	1 456 468	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	58 849	4.04
	322222	Coated and laminated paper manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	1 156 929	79.43
	323111	Commercial gravure printing	D	S
	326111	Plastics bag manufacturing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	163 130	11.20
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
3222250		Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	1 456 468	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	58 849	4.04
	322222	Coated and laminated paper manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	1 156 929	79.43
	323111	Commercial gravure printing	D	S
	326111	Plastics bag manufacturing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	163 130	11.20
	331315	Aluminum sheet, plate, and foil manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
322226		Surface-coated paperboard manufacturing	873 155	100.00
	322211	Corrugated and solid fiber box manufacturing	12 969	1.49
	322222	Coated and laminated paper manufacturing	8 507	.97
	322226	Surface-coated paperboard manufacturing	810 893	92.87
	322232	Envelope manufacturing	D	S
	322299	All other converted paper product manufacturing	7 400	.85
	326199	All other plastics product manufacturing	D	S
3222260		Pasted, lined, laminated, or surface-coated paperboard	873 155	100.00
	322211	Corrugated and solid fiber box manufacturing	12 969	1.49
	322222	Coated and laminated paper manufacturing	8 507	.97
	322226	Surface-coated paperboard manufacturing	810 893	92.87
	322232	Envelope manufacturing	D	S
	322299	All other converted paper product manufacturing	7 400	.85
	326199	All other plastics product manufacturing	D	S
322231		Die-cut paper and paperboard office supplies manufacturing	2 692 885	100.00
	322222	Coated and laminated paper manufacturing	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	2 324 653	86.33
	322233	Stationery, tablet, and related product manufacturing	53 992	2.00
	323110	Commercial lithographic printing	D	S
	323112	Commercial flexographic printing	D	S
	323116	Manifold business forms printing	56 026	2.08
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	323121	Tradebinding and related work	6 544	.24
	337214	Office furniture (except wood) manufacturing	D	S
3222311		Die-cut paper and paperboard office supplies	1 228 295	45.61
	322222	Coated and laminated paper manufacturing	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	1 107 615	90.17
	322233	Stationery, tablet, and related product manufacturing	46 311	3.77
	323112	Commercial flexographic printing	D	S
	323116	Manifold business forms printing	14 591	1.19
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	323121	Tradebinding and related work	6 544	.53
	337214	Office furniture (except wood) manufacturing	D	S
3222313		Paper supplies for business machines and other miscellaneous unprinted paper office supplies	1 167 767	43.36
	322222	Coated and laminated paper manufacturing	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	922 642	79.01
	322233	Stationery, tablet, and related product manufacturing	7 681	.66
	323110	Commercial lithographic printing	D	S
	323116	Manifold business forms printing	41 435	3.55
322231W		Die-cut paper and paperboard office supplies manufacturing, nsk, total	296 823	11.02
	322231	Die-cut paper and paperboard office supplies manufacturing	294 396	99.18
322232		Envelope manufacturing	3 225 007	100.00
	322231	Die-cut paper and paperboard office supplies manufacturing	30 376	.94
	322232	Envelope manufacturing	3 112 010	96.50
	322233	Stationery, tablet, and related product manufacturing	66 863	2.07
3222320		Envelopes, commercial, all types and materials	3 225 007	100.00
	322231	Die-cut paper and paperboard office supplies manufacturing	30 376	.94
	322232	Envelope manufacturing	3 112 010	96.50
	322233	Stationery, tablet, and related product manufacturing	66 863	2.07
322233		Stationery, tablet, and related product manufacturing	1 510 584	100.00
	322222	Coated and laminated paper manufacturing	6 356	.42
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	322232	Envelope manufacturing	D	S
	322233	Stationery, tablet, and related product manufacturing	1 362 231	90.18
	323116	Manifold business forms printing	D	S
	323118	Blankbook, looseleaf binders, and devices manufacturing	15 357	1.02
	326140	Polystyrene foam product manufacturing	D	S
	339950	Sign manufacturing	D	S
3222331		Stationery	359 300	23.79
	322222	Coated and laminated paper manufacturing	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	5 928	1.65
	322232	Envelope manufacturing	D	S
	322233	Stationery, tablet, and related product manufacturing	311 069	86.58
	323118	Blankbook, looseleaf binders, and devices manufacturing	5 708	1.59
3222333		Tablets, pads, and related products	1 030 707	68.23
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	322233	Stationery, tablet, and related product manufacturing	930 585	90.29
	323118	Blankbook, looseleaf binders, and devices manufacturing	9 649	.94
	326140	Polystyrene foam product manufacturing	D	S
	339950	Sign manufacturing	D	S
322233W		Stationery, tablet, and related product manufacturing, nsk, total	120 577	7.98
	322233	Stationery, tablet, and related product manufacturing	120 577	100.00
322291		Sanitary paper product manufacturing	8 848 033	100.00
	322291	Sanitary paper product manufacturing	8 771 920	99.14
	325620	Toilet preparation manufacturing	D	S
	326299	All other rubber product manufacturing	D	S
3222912		Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding	4 843 482	54.74
	322291	Sanitary paper product manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
3222915		Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	3 850 388	43.52
	322291	Sanitary paper product manufacturing	D	S
	326299	All other rubber product manufacturing	D	S
322291W		Sanitary paper product manufacturing, nsk, total	154 163	1.74
	322291	Sanitary paper product manufacturing	152 066	98.64
322299		All other converted paper product manufacturing	4 217 043	100.00
	322121	Paper (except newsprint) mills	D	S
	322211	Corrugated and solid fiber box manufacturing	22 578	.54
	322214	Fiber can, tube, drum, and similar products manufacturing	22 353	.53
	322215	Nonfolding sanitary food container manufacturing	D	S
	322222	Coated and laminated paper manufacturing	22 749	.54
	322224	Uncoated paper and multiwall bag manufacturing	D	S
	322226	Surface-coated paperboard manufacturing	9 066	.21
	322231	Die-cut paper and paperboard office supplies manufacturing	22 778	.54
	322233	Stationery, tablet, and related product manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
322299		All other converted paper product manufacturing—Con.		
	322291	Sanitary paper product manufacturing	5 873	.14
	322299	All other converted paper product manufacturing	3 943 311	93.51
	323112	Commercial flexographic printing	D	S
	323116	Manifold business forms printing	D	S
	323119	Other commercial printing	7 465	.18
	326199	All other plastics product manufacturing	10 620	.25
	327420	Gypsum product manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
3222991		Molded pulp goods, including egg cartons, florist pots, food trays, etc.	390 854	9.27
	322299	All other converted paper product manufacturing	381 404	97.58
3222993		Miscellaneous converted paper and paperboard products	3 358 723	79.65
	322121	Paper (except newsprint) mills	D	S
	322211	Corrugated and solid fiber box manufacturing	22 578	.67
	322214	Fiber can, tube, drum, and similar products manufacturing	22 353	.67
	322215	Nonfolding sanitary food container manufacturing	D	S
	322222	Coated and laminated paper manufacturing	22 749	.68
	322224	Uncoated paper and multiwall bag manufacturing	D	S
	322226	Surface-coated paperboard manufacturing	9 066	.27
	322231	Die-cut paper and paperboard office supplies manufacturing	22 778	.68
	322233	Stationery, tablet, and related product manufacturing	D	S
	322299	All other converted paper product manufacturing	3 094 567	92.14
	323112	Commercial flexographic printing	D	S
	323116	Manifold business forms printing	D	S
	323119	Other commercial printing	7 416	.22
	326199	All other plastics product manufacturing	10 620	.32
	327420	Gypsum product manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
322299W		All other converted paper product manufacturing, nsk, total	467 466	11.09
	322299	All other converted paper product manufacturing	467 340	99.97
323110		Commercial lithographic printing	46 084 036	100.00
	322211	Corrugated and solid fiber box manufacturing	8 764	.02
	322212	Folding paperboard box manufacturing	14 815	.03
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	323110	Commercial lithographic printing	44 262 465	96.05
	323111	Commercial gravure printing	318 484	.69
	323112	Commercial flexographic printing	160 911	.35
	323113	Commercial screen printing	80 772	.18
	323114	Quick printing	89 042	.19
	323115	Digital printing	121 383	.26
	323116	Manifold business forms printing	332 209	.72
	323117	Books printing	274 190	.59
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	323119	Other commercial printing	80 304	.17
	323121	Tradebinding and related work	55 981	.12
	323122	Prepress services	71 649	.16
	325620	Toilet preparation manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	334612	Prerecorded compact disc (except software), tape, and record reproducing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
3231101		Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	6 411 888	13.91
	323110	Commercial lithographic printing	6 184 712	96.46
	323111	Commercial gravure printing	D	S
	323114	Quick printing	8 859	.14
	323115	Digital printing	34 987	.55
	323116	Manifold business forms printing	D	S
	323117	Books printing	45 293	.71
	323121	Tradebinding and related work	D	S
3231103		Label and wrapper printing (lithographic)	2 176 513	4.72
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	323110	Commercial lithographic printing	1 944 396	89.34
	323111	Commercial gravure printing	27 534	1.27
	323112	Commercial flexographic printing	105 033	4.83
	323113	Commercial screen printing	14 549	.67
	323114	Quick printing	5 646	.26
	323115	Digital printing	5 971	.27
	323116	Manifold business forms printing	19 516	.90
	323119	Other commercial printing	15 247	.70
	326199	All other plastics product manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
3231105		Catalog and directory printing (lithographic)	4 451 240	9.66
	323110	Commercial lithographic printing	4 205 062	94.47
	323111	Commercial gravure printing	D	S
	323114	Quick printing	5 727	.13
	323117	Books printing	D	S
3231107		Financial and legal printing (lithographic)	2 386 659	5.18
	323110	Commercial lithographic printing	2 256 979	94.57
	323114	Quick printing	5 703	.24
	323115	Digital printing	19 166	.80
	323116	Manifold business forms printing	59 518	2.49
	323117	Books printing	D	S
	323119	Other commercial printing	D	S
	323122	Prepress services	D	S
3231109		Advertising printing (lithographic)	13 328 892	28.92
	323110	Commercial lithographic printing	13 014 933	97.64
	323111	Commercial gravure printing	64 972	.49
	323112	Commercial flexographic printing	8 305	.06
	323113	Commercial screen printing	49 714	.37
	323114	Quick printing	24 623	.18
	323115	Digital printing	22 231	.17
	323116	Manifold business forms printing	30 966	.23

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323110		Commercial lithographic printing—Con.		
3231109		Advertising printing (lithographic)—Con.		
	323117	Books printing	45 355	.34
	323119	Other commercial printing	14 884	.11
	323121	Tradebinding and related work	D	S
	323122	Prepress services	27 924	.21
323110B		Other commercial and general job printing (lithographic)	8 132 559	17.65
	323110	Commercial lithographic printing	7 535 021	92.65
	323111	Commercial gravure printing	6 483	.08
	323112	Commercial flexographic printing	40 730	.50
	323113	Commercial screen printing	15 607	.19
	323114	Quick printing	37 040	.46
	323115	Digital printing	30 388	.37
	323116	Manifold business forms printing	214 297	2.64
	323117	Books printing	52 447	.64
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	323119	Other commercial printing	28 612	.35
	323121	Tradebinding and related work	20 000	.25
	323122	Prepress services	21 475	.26
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	334612	Prerecorded compact disc (except software), tape, and record reproducing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
323110W		Commercial lithographic printing, nsk, total	9 196 285	19.96
	322211	Corrugated and solid fiber box manufacturing	8 764	.10
	322212	Folding paperboard box manufacturing	D	S
	323110	Commercial lithographic printing	9 121 362	99.19
	323117	Books printing	D	S
	323119	Other commercial printing	D	S
	325620	Toilet preparation manufacturing	D	S
323111		Commercial gravure printing	3 339 550	100.00
	323110	Commercial lithographic printing	266 039	7.97
	323111	Commercial gravure printing	2 947 100	88.25
	323112	Commercial flexographic printing	28 532	.85
	323113	Commercial screen printing	D	S
	323117	Books printing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
3231111		Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	614 236	18.39
	323110	Commercial lithographic printing	D	S
	323111	Commercial gravure printing	D	S
3231113		Label and wrapper printing (gravure)	661 524	19.81
	323110	Commercial lithographic printing	38 509	5.82
	323111	Commercial gravure printing	D	S
	323112	Commercial flexographic printing	28 394	4.29
	323113	Commercial screen printing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
3231115		Catalog and directory printing (gravure)	732 353	21.93
	323110	Commercial lithographic printing	D	S
	323111	Commercial gravure printing	642 217	87.69
	323117	Books printing	D	S
3231117		Advertising printing (gravure)	956 410	28.64
	323110	Commercial lithographic printing	D	S
	323111	Commercial gravure printing	872 657	91.24
	323117	Books printing	D	S
3231119		Other commercial and general job printing (gravure)	186 683	5.59
	323110	Commercial lithographic printing	5 289	2.83
	323111	Commercial gravure printing	179 085	95.93
323111W		Commercial gravure printing, nsk, total	188 344	5.64
	323111	Commercial gravure printing	183 948	97.67
323112		Commercial flexographic printing	5 188 625	100.00
	322121	Paper (except newsprint) mills	D	S
	322212	Folding paperboard box manufacturing	16 981	.33
	322222	Coated and laminated paper manufacturing	21 378	.41
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	322299	All other converted paper product manufacturing	D	S
	323110	Commercial lithographic printing	377 023	7.27
	323111	Commercial gravure printing	15 338	.30
	323112	Commercial flexographic printing	4 543 438	87.57
	323113	Commercial screen printing	65 072	1.25
	323116	Manifold business forms printing	25 046	.48
	323119	Other commercial printing	48 755	.94
3231121		Label and wrapper printing (flexographic)	4 106 492	79.14
	322121	Paper (except newsprint) mills	D	S
	322212	Folding paperboard box manufacturing	16 981	.41
	322222	Coated and laminated paper manufacturing	21 378	.52
	322299	All other converted paper product manufacturing	D	S
	323110	Commercial lithographic printing	227 235	5.53
	323111	Commercial gravure printing	12 898	.31
	323112	Commercial flexographic printing	3 664 522	89.24
	323113	Commercial screen printing	58 421	1.42
	323116	Manifold business forms printing	20 975	.51
	323119	Other commercial printing	D	S
3231123		Other commercial and general job printing (flexographic)	640 939	12.35
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	323110	Commercial lithographic printing	147 938	23.08
	323112	Commercial flexographic printing	439 593	68.59
	323113	Commercial screen printing	6 651	1.04
	323119	Other commercial printing	D	S
323112W		Commercial flexographic printing, nsk, total	441 194	8.50
	323112	Commercial flexographic printing	439 323	99.58
323113		Commercial screen printing	6 504 627	100.00
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	314999	All other miscellaneous textile product mills	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
323113		Commercial screen printing—Con.		
	323110	Commercial lithographic printing	112 323	1.73
	323112	Commercial flexographic printing	63 284	.97
	323113	Commercial screen printing	6 024 034	92.61
	323115	Digital printing	8 431	.13
	323119	Other commercial printing	21 127	.32
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326199	All other plastics product manufacturing	5 080	.08
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	8 673	.13
	334419	Other electronic component manufacturing	D	S
	339950	Sign manufacturing	84 525	1.30
3231132		Screen printed labels	788 560	12.12
	323110	Commercial lithographic printing	25 009	3.17
	323112	Commercial flexographic printing	51 647	6.55
	323113	Commercial screen printing	697 965	88.51
3231134		Screen printing on garments, apparel accessories, and other fabric articles, except labels	2 085 462	32.06
	313312	Textile and fabric finishing (except broadwoven fabric) mills	D	S
	314999	All other miscellaneous textile product mills	D	S
	323110	Commercial lithographic printing	20 115	.96
	323113	Commercial screen printing	2 005 024	96.14
	323119	Other commercial printing	7 742	.37
3231136		Screen printing (except on textiles, apparel, apparel accessories, and labels)	2 258 981	34.73
	323110	Commercial lithographic printing	67 199	2.97
	323112	Commercial flexographic printing	11 245	.50
	323113	Commercial screen printing	1 949 870	86.32
	323115	Digital printing	7 737	.34
	323119	Other commercial printing	8 242	.36
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	8 368	.37
	334419	Other electronic component manufacturing	D	S
	339950	Sign manufacturing	79 911	3.54
323113W		Commercial screen printing, nsk, total	1 371 624	21.09
	323113	Commercial screen printing	1 371 175	99.97
323114		Quick printing	3 750 701	100.00
	323110	Commercial lithographic printing	249 674	6.66
	323112	Commercial flexographic printing	D	S
	323114	Quick printing	3 375 722	90.00
	323115	Digital printing	64 337	1.72
	323116	Manifold business forms printing	17 830	.48
	323119	Other commercial printing	15 098	.40
	323122	Prepress services	D	S
3231140		Quick printing	3 750 701	100.00
	323110	Commercial lithographic printing	249 674	6.66
	323112	Commercial flexographic printing	D	S
	323114	Quick printing	3 375 722	90.00
	323115	Digital printing	64 337	1.72
	323116	Manifold business forms printing	17 830	.48
	323119	Other commercial printing	15 098	.40
	323122	Prepress services	D	S
323115		Digital printing	2 898 668	100.00
	323110	Commercial lithographic printing	317 949	10.97
	323112	Commercial flexographic printing	18 402	.63
	323113	Commercial screen printing	66 674	2.30
	323114	Quick printing	443 828	15.31
	323115	Digital printing	1 796 315	61.97
	323116	Manifold business forms printing	77 635	2.68
	323117	Books printing	17 075	.59
	323119	Other commercial printing	16 988	.59
	323121	Tradebinding and related work	7 210	.25
	323122	Prepress services	48 128	1.66
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	339950	Sign manufacturing	D	S
3231150		Digital printing	2 898 668	100.00
	323110	Commercial lithographic printing	317 949	10.97
	323112	Commercial flexographic printing	18 402	.63
	323113	Commercial screen printing	66 674	2.30
	323114	Quick printing	443 828	15.31
	323115	Digital printing	1 796 315	61.97
	323116	Manifold business forms printing	77 635	2.68
	323117	Books printing	17 075	.59
	323119	Other commercial printing	16 988	.59
	323121	Tradebinding and related work	7 210	.25
	323122	Prepress services	48 128	1.66
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	339950	Sign manufacturing	D	S
323116		Manifold business forms printing	6 681 126	100.00
	323110	Commercial lithographic printing	171 595	2.57
	323112	Commercial flexographic printing	D	S
	323115	Digital printing	12 424	.19
	323116	Manifold business forms printing	6 431 391	96.26
	323119	Other commercial printing	D	S
	323121	Tradebinding and related work	D	S
3231161		Unit set business forms, loose or bound	1 214 353	18.18
	323110	Commercial lithographic printing	77 014	6.34
	323112	Commercial flexographic printing	D	S
	323116	Manifold business forms printing	1 101 425	90.70
	323119	Other commercial printing	D	S
3231163		Manifold books and pegboard accounting systems	94 848	1.42
	323116	Manifold business forms printing	90 649	95.57
3231165		Custom continuous business forms	1 845 865	27.63
	323110	Commercial lithographic printing	61 895	3.35
	323112	Commercial flexographic printing	8 579	.46
	323115	Digital printing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
323116		Manifold business forms printing—Con.		
3231165		Custom continuous business forms—Con.		
	323116	Manifold business forms printing	1 752 500	94.94
	323119	Other commercial printing	D	S
3231167		Stock continuous business forms	682 384	10.21
	323110	Commercial lithographic printing	D	S
	323116	Manifold business forms printing	660 507	96.79
3231169		Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut)	1 591 788	23.83
	323110	Commercial lithographic printing	10 075	.63
	323116	Manifold business forms printing	1 578 773	99.18
323116W		Manifold business forms printing, nsk, total	1 251 888	18.74
	323116	Manifold business forms printing	1 247 537	99.65
323117		Books printing	4 779 947	100.00
	323110	Commercial lithographic printing	329 369	6.89
	323111	Commercial gravure printing	D	S
	323115	Digital printing	8 319	.17
	323116	Manifold business forms printing	D	S
	323117	Books printing	4 317 461	90.32
	323121	Tradebinding and related work	11 940	.25
	334611	Software reproducing	D	S
3231171		Textbook printing and binding	1 152 697	24.12
	323110	Commercial lithographic printing	D	S
	323116	Manifold business forms printing	D	S
	323117	Books printing	1 093 536	94.87
3231173		Technical, scientific, and professional book printing and binding	552 876	11.57
	323110	Commercial lithographic printing	70 542	12.76
	323115	Digital printing	D	S
	323117	Books printing	450 633	81.51
	334611	Software reproducing	D	S
3231175		Religious book printing and binding	327 086	6.84
	323110	Commercial lithographic printing	27 716	8.47
	323117	Books printing	298 886	91.38
3231177		General book (trade, etc.) printing and binding	1 237 756	25.89
	323110	Commercial lithographic printing	D	S
	323111	Commercial gravure printing	D	S
	323117	Books printing	1 123 329	90.76
3231179		Other book printing and binding	859 517	17.98
	323110	Commercial lithographic printing	69 651	8.10
	323117	Books printing	786 470	91.50
323117A		Books, printing only, not bound	62 643	1.31
	323110	Commercial lithographic printing	D	S
	323117	Books printing	D	S
323117C		Pamphlets, printing only or printing and binding (excluding advertising pamphlets)	103 659	2.17
	323110	Commercial lithographic printing	51 396	49.58
	323117	Books printing	47 609	45.93
323117W		Books printing, nsk, total	483 713	10.12
	323110	Commercial lithographic printing	D	S
	323117	Books printing	D	S
323118		Blankbook, looseleaf binders, and devices manufacturing	1 505 329	100.00
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	322233	Stationery, tablet, and related product manufacturing	D	S
	323118	Blankbook, looseleaf binders, and devices manufacturing	1 370 358	91.03
	323121	Tradebinding and related work	D	S
3231181		Blankbook making, except checkbooks	380 592	25.28
	322233	Stationery, tablet, and related product manufacturing	365 622	96.07
	323118	Blankbook, looseleaf binders, and devices manufacturing	937 615	62.29
3231183		Looseleaf binders, devices, and forms	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	322233	Stationery, tablet, and related product manufacturing	D	S
	323118	Blankbook, looseleaf binders, and devices manufacturing	817 614	87.20
	323121	Tradebinding and related work	D	S
323118W		Blankbook, looseleaf binders and devices manufacturing, nsk, total	187 122	12.43
	323118	Blankbook, looseleaf binders, and devices manufacturing	187 122	100.00
323119		Other commercial printing	2 581 775	100.00
	322222	Coated and laminated paper manufacturing	D	S
	323110	Commercial lithographic printing	210 338	8.15
	323111	Commercial gravure printing	6 840	.26
	323112	Commercial flexographic printing	71 151	2.76
	323113	Commercial screen printing	22 460	.87
	323114	Quick printing	13 819	.54
	323115	Digital printing	11 630	.45
	323116	Manifold business forms printing	30 955	1.20
	323117	Books printing	D	S
	323119	Other commercial printing	2 136 492	82.75
	323122	Prepress services	7 796	.30
	334518	Watch, clock, and part manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
	339950	Sign manufacturing	22 418	.87
3231193		Label and wrapper printing (letterpress)	343 919	13.32
	323110	Commercial lithographic printing	36 260	10.54
	323112	Commercial flexographic printing	52 842	15.36
	323113	Commercial screen printing	D	S
	323119	Other commercial printing	227 475	66.14
	334518	Watch, clock, and part manufacturing	D	S
3231199		Advertising printing (letterpress)	351 239	13.60
	323110	Commercial lithographic printing	22 094	6.29
	323119	Other commercial printing	284 177	80.91
	339911	Jewelry (except costume) manufacturing	D	S
	339950	Sign manufacturing	13 906	3.96
323119C		Other commercial and general job printing (letterpress)	554 311	21.47
	322222	Coated and laminated paper manufacturing	D	S
	323110	Commercial lithographic printing	112 894	20.37
	323112	Commercial flexographic printing	5 547	1.00
	323116	Manifold business forms printing	27 763	5.01
	323117	Books printing	5 286	.95

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
323119		Other commercial printing—Con.		
323119C		Other commercial and general job printing (letterpress)—Con.		
	323119	Other commercial printing	372 763	67.25
	339950	Sign manufacturing	5 549	1.00
323119E		Engraving (printing)	143 749	5.57
	323110	Commercial lithographic printing	30 246	21.04
	323119	Other commercial printing	99 477	69.20
323119J		All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	101 394	3.93
	323110	Commercial lithographic printing	7 224	7.12
	323119	Other commercial printing	78 702	77.62
323119W		Other commercial printing, nsk, total	1 087 163	42.11
	323119	Other commercial printing	1 073 898	98.78
323121		Tradebinding and related work	2 329 213	100.00
	322222	Coated and laminated paper manufacturing	16 780	.72
	323110	Commercial lithographic printing	377 334	16.20
	323111	Commercial gravure printing	D	S
	323112	Commercial flexographic printing	15 675	.67
	323114	Quick printing	43 687	1.88
	323115	Digital printing	25 233	1.08
	323116	Manifold business forms printing	6 598	.28
	323117	Books printing	20 285	.87
	323118	Blankbook, looseleaf binders, and devices manufacturing	12 114	.52
	323121	Tradebinding and related work	1 776 602	76.27
	323122	Prepress services	D	S
3231211		Edition, library, and other hardcover binding of books (printed elsewhere)	343 172	14.73
	323117	Books printing	6 944	2.02
	323121	Tradebinding and related work	331 774	96.68
3231215		Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	673 910	28.93
	322222	Coated and laminated paper manufacturing	16 780	2.49
	323110	Commercial lithographic printing	93 129	13.82
	323111	Commercial gravure printing	D	S
	323115	Digital printing	6 924	1.03
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	323121	Tradebinding and related work	520 619	77.25
3231217		Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	919 899	39.49
	323110	Commercial lithographic printing	272 538	29.63
	323112	Commercial flexographic printing	14 624	1.59
	323114	Quick printing	38 364	4.17
	323115	Digital printing	18 016	1.96
	323116	Manifold business forms printing	5 897	.64
	323117	Books printing	9 316	1.01
	323121	Tradebinding and related work	543 293	59.06
323121W		Tradebinding and related work, nsk, total	392 232	16.84
	323110	Commercial lithographic printing	9 916	2.53
	323121	Tradebinding and related work	380 916	97.11
323122		Prepress services	4 082 553	100.00
	323110	Commercial lithographic printing	753 330	18.45
	323111	Commercial gravure printing	38 755	.95
	323112	Commercial flexographic printing	48 050	1.18
	323113	Commercial screen printing	13 287	.33
	323114	Quick printing	59 060	1.45
	323115	Digital printing	34 794	.85
	323117	Books printing	15 898	.39
	323119	Other commercial printing	D	S
	323121	Tradebinding and related work	16 825	.41
	323122	Prepress services	3 072 125	75.25
	332212	Hand and edge tool manufacturing	D	S
3231221		Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	2 556 076	62.61
	323110	Commercial lithographic printing	520 703	20.37
	323112	Commercial flexographic printing	14 440	.56
	323113	Commercial screen printing	8 723	.34
	323114	Quick printing	47 488	1.86
	323115	Digital printing	29 207	1.14
	323117	Books printing	15 206	.59
	323119	Other commercial printing	7 050	.28
	323121	Tradebinding and related work	13 569	.53
	323122	Prepress services	1 892 143	74.03
3231223		Printing plates, prepared for printing (excluding blank plates)	828 500	20.29
	323110	Commercial lithographic printing	221 381	26.72
	323111	Commercial gravure printing	D	S
	323112	Commercial flexographic printing	33 610	4.06
	323114	Quick printing	11 447	1.38
	323115	Digital printing	5 538	.67
	323122	Prepress services	493 549	59.57
	332212	Hand and edge tool manufacturing	D	S
323122W		Prepress services, nsk, total	697 977	17.10
	323110	Commercial lithographic printing	11 246	1.61
	323122	Prepress services	686 433	98.35
324110		Petroleum refineries	186 897 785	100.00
	324110	Petroleum refineries	186 401 949	99.73
	324122	Asphalt shingle and coating materials manufacturing	D	S
	324191	Petroleum lubricating oil and grease manufacturing	69 805	.04
	325110	Petrochemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	22 469	.01
	325211	Plastics material and resin manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
3241101		Gasoline, including finished base stocks and blending agents	96 062 616	51.40
	324110	Petroleum refineries	95 950 813	99.88
	324122	Asphalt shingle and coating materials manufacturing	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	325110	Petrochemical manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
324110		Petroleum refineries—Con.		
324110A		Jet fuel	16 730 732	8.95
	324110	Petroleum refineries	D	S
	325110	Petrochemical manufacturing	D	S
3241107		Kerosene, excluding jet fuel	749 518	.40
	324110	Petroleum refineries	749 518	100.00
324110A		Light fuel oils	38 714 479	20.71
	324110	Petroleum refineries	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
324110D		Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.	D	S
	324110	Petroleum refineries	D	S
324110G		Petroleum lubricating oils and greases, made in a refinery	1 157 968	.62
	324110	Petroleum refineries	1 154 236	99.68
324110J		Unfinished oils and lubricating oil base stock	8 465 540	4.53
	324110	Petroleum refineries	8 434 654	99.64
	324191	Petroleum lubricating oil and grease manufacturing	27 337	.32
324110M		Asphalt	D	S
	324110	Petroleum refineries	4 299 025	99.44
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
324110P		Liquefied refinery gases (aliphatics), made in a refinery	6 689 403	3.58
	324110	Petroleum refineries	6 431 997	96.15
	325110	Petrochemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
324110T		Other finished petroleum products, including waxes, made in a refinery	7 673 057	4.11
	324110	Petroleum refineries	D	S
	325199	All other basic organic chemical manufacturing	D	S
324110W		Petroleum refineries, nsk, total	198 418	.11
	324110	Petroleum refineries	198 418	100.00
324121		Asphalt paving mixture and block manufacturing	7 228 836	100.00
	212312	Crushed and broken limestone mining and quarrying	44 065	.61
	212319	Other crushed and broken stone mining and quarrying	D	S
	212321	Construction sand and gravel mining	40 531	.56
	324121	Asphalt paving mixture and block manufacturing	6 951 511	96.16
	324122	Asphalt shingle and coating materials manufacturing	55 085	.76
	327320	Ready-mix concrete manufacturing	76 422	1.06
	327390	Other concrete product manufacturing	D	S
3241210		Asphalt paving mixtures and blocks	7 228 836	100.00
	212312	Crushed and broken limestone mining and quarrying	44 065	.61
	212319	Other crushed and broken stone mining and quarrying	D	S
	212321	Construction sand and gravel mining	40 531	.56
	324121	Asphalt paving mixture and block manufacturing	6 951 511	96.16
	324122	Asphalt shingle and coating materials manufacturing	55 085	.76
	327320	Ready-mix concrete manufacturing	76 422	1.06
	327390	Other concrete product manufacturing	D	S
324122		Asphalt shingle and coating materials manufacturing	5 536 762	100.00
	324121	Asphalt paving mixture and block manufacturing	24 428	.44
	324122	Asphalt shingle and coating materials manufacturing	5 477 818	98.94
	327390	Other concrete product manufacturing	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
3241221		Roofing asphalts and pitches, coatings, and cements	920 825	16.63
	324121	Asphalt paving mixture and block manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	886 862	96.31
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
3241222		Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use	4 459 182	80.54
	324122	Asphalt shingle and coating materials manufacturing	4 434 203	99.44
	327390	Other concrete product manufacturing	D	S
324122W		Asphalt shingle and coating materials manufacturing, nsk, total	156 755	2.83
	324122	Asphalt shingle and coating materials manufacturing	156 753	100.00
324191		Petroleum lubricating oil and grease manufacturing	6 399 520	100.00
	324110	Petroleum refineries	D	S
	324191	Petroleum lubricating oil and grease manufacturing	5 944 167	92.88
	325199	All other basic organic chemical manufacturing	305 745	4.78
	325211	Plastics material and resin manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325510	Paint and coating manufacturing	8 679	.14
	325520	Adhesive manufacturing	D	S
	325611	Soap and other detergent manufacturing	30 281	.47
	325612	Polish and other sanitation good manufacturing	17 666	.28
	325998	All other miscellaneous chemical product and preparation manufacturing	18 195	.28
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3241910		Petroleum lubricating oils and greases, made from refined petroleum	6 399 520	100.00
	324110	Petroleum refineries	D	S
	324191	Petroleum lubricating oil and grease manufacturing	5 944 167	92.88
	325199	All other basic organic chemical manufacturing	305 745	4.78
	325211	Plastics material and resin manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325510	Paint and coating manufacturing	8 679	.14
	325520	Adhesive manufacturing	D	S
	325611	Soap and other detergent manufacturing	30 281	.47
	325612	Polish and other sanitation good manufacturing	17 666	.28
	325998	All other miscellaneous chemical product and preparation manufacturing	18 195	.28
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
324199		All other petroleum and coal products manufacturing	1 809 536	100.00
	212399	All other nonmetallic mineral mining	D	S
	324110	Petroleum refineries	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	324199	All other petroleum and coal products manufacturing	1 666 631	92.10
	325110	Petrochemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
324199		All other petroleum and coal products manufacturing—Con.		
3241991		Coke oven and blast furnace products, made in coke oven establishments	541 361	29.92
	324110	Petroleum refineries	D	S
	324199	All other petroleum and coal products manufacturing	D	S
3241992		All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	1 165 858	64.43
	212399	All other nonmetallic mineral mining	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	324199	All other petroleum and coal products manufacturing	D	S
	325110	Petrochemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
324199W		All other petroleum and coal products manufacturing, nsk, total	102 317	5.65
	324199	All other petroleum and coal products manufacturing	102 317	100.00
325110		Petrochemical manufacturing	16 640 883	100.00
	324110	Petroleum refineries	1 029 851	6.19
	325110	Petrochemical manufacturing	14 187 570	85.26
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
3251101		Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	8 048 498	48.37
	324110	Petroleum refineries	D	S
	325110	Petrochemical manufacturing	6 902 421	85.76
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
3251104		Liquefied refinery gases (aliphatics), made in petrochemical plants	8 452 801	50.80
	324110	Petroleum refineries	D	S
	325110	Petrochemical manufacturing	7 145 565	84.53
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
325110W		Petrochemical manufacturing nsk, total	D	S
	325110	Petrochemical manufacturing	D	S
325120		Industrial gas manufacturing	5 979 191	100.00
	211111	Crude petroleum and natural gas extraction	D	S
	211112	Natural gas liquid extraction	D	S
	311221	Wet corn milling	D	S
	324110	Petroleum refineries	D	S
	325110	Petrochemical manufacturing	D	S
	325120	Industrial gas manufacturing	5 418 797	90.63
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	68 699	1.15
	325193	Ethyl alcohol manufacturing	8 412	.14
	325199	All other basic organic chemical manufacturing	58 238	.97
	325211	Plastics material and resin manufacturing	96 059	1.61
	325212	Synthetic rubber manufacturing	D	S
	325311	Nitrogenous fertilizer manufacturing	D	S
3251201		Acetylene	55 446	.93
	325120	Industrial gas manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
3251204		Carbon dioxide	483 910	8.09
	211111	Crude petroleum and natural gas extraction	D	S
	211112	Natural gas liquid extraction	D	S
	311221	Wet corn milling	D	S
	324110	Petroleum refineries	D	S
	325120	Industrial gas manufacturing	364 206	75.26
	325193	Ethyl alcohol manufacturing	8 412	1.74
	325311	Nitrogenous fertilizer manufacturing	D	S
3251207		Nitrogen	1 153 794	19.30
	325120	Industrial gas manufacturing	1 148 633	99.55
325120A		Oxygen	807 423	13.50
	325120	Industrial gas manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
325120C		Argon and hydrogen	1 741 796	29.13
	325110	Petrochemical manufacturing	D	S
	325120	Industrial gas manufacturing	1 580 135	90.72
	325181	Alkalies and chlorine manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
325120G		Fluorocarbon gases	694 756	11.62
	325110	Petrochemical manufacturing	D	S
	325120	Industrial gas manufacturing	472 639	68.03
	325188	All other basic inorganic chemical manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
325120U		Other industrial gases	654 892	10.95
	325120	Industrial gas manufacturing	D	S
	325212	Synthetic rubber manufacturing	D	S
325120W		Industrial gas manufacturing, nsk, total	387 174	6.48
	325120	Industrial gas manufacturing	387 174	100.00
325131		Inorganic dye and pigment manufacturing	3 749 115	100.00
	325131	Inorganic dye and pigment manufacturing	3 440 894	91.78
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325510	Paint and coating manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
	332312	Fabricated structural metal manufacturing	D	S
3251311		Titanium dioxide, composite and pure	2 551 674	68.06
	325131	Inorganic dye and pigment manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	332312	Fabricated structural metal manufacturing	D	S
3251314		Other white opaque pigments	185 383	4.94
	325131	Inorganic dye and pigment manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
3251317		Chrome colors and other inorganic pigments	943 481	25.17

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325131		Inorganic dye and pigment manufacturing—Con.		
3251317		Chrome colors and other inorganic pigments—Con.		
	325131	Inorganic dye and pigment manufacturing	842 551	89.30
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325510	Paint and coating manufacturing	D	S
325131W		Inorganic dye and pigment manufacturing, nsk, total	68 577	1.83
	325131	Inorganic dye and pigment manufacturing	68 343	99.66
325132		Synthetic organic dye and pigment manufacturing	2 514 132	100.00
	325132	Synthetic organic dye and pigment manufacturing	2 381 950	94.74
	325199	All other basic organic chemical manufacturing	116 242	4.62
	325211	Plastics material and resin manufacturing	D	S
3251321		Synthetic organic dyes	991 929	39.45
	325132	Synthetic organic dye and pigment manufacturing	869 798	87.69
	325199	All other basic organic chemical manufacturing	111 065	11.20
	325211	Plastics material and resin manufacturing	D	S
3251324		Synthetic organic pigments, lakes, and toners	1 447 870	57.59
	325132	Synthetic organic dye and pigment manufacturing	1 437 819	99.31
	325199	All other basic organic chemical manufacturing	5 177	.36
325132W		Synthetic organic dye and pigment manufacturing, nsk, total	74 333	2.96
	325132	Synthetic organic dye and pigment manufacturing	74 333	100.00
325181		Alkalies and chlorine manufacturing	2 941 680	100.00
	325181	Alkalies and chlorine manufacturing	2 113 425	71.84
	325188	All other basic inorganic chemical manufacturing	135 192	4.60
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	445 674	15.15
	325211	Plastics material and resin manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
3251811		Chlorine, compressed or liquefied	979 384	33.29
	325181	Alkalies and chlorine manufacturing	812 279	82.94
	325188	All other basic inorganic chemical manufacturing	24 327	2.48
	325199	All other basic organic chemical manufacturing	137 597	14.05
3251814		Sodium hydroxide (caustic soda)	1 396 397	47.47
	325181	Alkalies and chlorine manufacturing	899 408	64.41
	325188	All other basic inorganic chemical manufacturing	19 274	1.38
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	307 758	22.04
	325211	Plastics material and resin manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
3251817		Other alkalies	539 751	18.35
	325181	Alkalies and chlorine manufacturing	375 590	69.59
	325188	All other basic inorganic chemical manufacturing	91 591	16.97
	325611	Soap and other detergent manufacturing	D	S
325181W		Alkalies and chlorine manufacturing, nsk, total	26 148	.89
	325181	Alkalies and chlorine manufacturing	26 148	100.00
325182		Carbon black manufacturing	1 047 344	100.00
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325182	Carbon black manufacturing	D	S
3251820		Carbon black, all processes	1 047 344	100.00
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325182	Carbon black manufacturing	D	S
325188		All other basic inorganic chemical manufacturing	13 572 305	100.00
	324110	Petroleum refineries	221 583	1.63
	324199	All other petroleum and coal products manufacturing	D	S
	325120	Industrial gas manufacturing	D	S
	325131	Inorganic dye and pigment manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	284 903	2.10
	325188	All other basic inorganic chemical manufacturing	11 318 845	83.40
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	718 898	5.30
	325211	Plastics material and resin manufacturing	31 181	.23
	325212	Synthetic rubber manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	D	S
	325314	Fertilizer (mixing only) manufacturing	12 857	.09
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	325613	Surface active agent manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	78 361	.58
	327113	Porcelain electrical supply manufacturing	D	S
	331311	Alumina refining	D	S
	331411	Primary smelting and refining of copper	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	37 534	.28
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
3251881		Sulfuric acid	672 824	4.96
	324110	Petroleum refineries	130 775	19.44
	325188	All other basic inorganic chemical manufacturing	408 524	60.72
	325199	All other basic organic chemical manufacturing	76 550	11.38
	325312	Phosphatic fertilizer manufacturing	16 835	2.50
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	331411	Primary smelting and refining of copper	D	S
3251884		Inorganic acids, excluding nitric, sulfuric and phosphoric	578 182	4.26
	324110	Petroleum refineries	D	S
	325120	Industrial gas manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	356 082	61.59
	325199	All other basic organic chemical manufacturing	125 985	21.79

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325188		All other basic inorganic chemical manufacturing—Con.		
3251887		Other inorganic aluminum compounds	1 321 004	9.73
	324110	Petroleum refineries	D	S
	325188	All other basic inorganic chemical manufacturing	977 034	73.96
	325199	All other basic organic chemical manufacturing	D	S
	325613	Surface active agent manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	331311	Alumina refining	D	S
325188A		Potassium and sodium compounds, excluding bleaches, alkalis, and alum	2 018 667	14.87
	324199	All other petroleum and coal products manufacturing	D	S
	325131	Inorganic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	70 048	3.47
	325188	All other basic inorganic chemical manufacturing	1 842 756	91.29
	325199	All other basic organic chemical manufacturing	D	S
	325314	Fertilizer (mixing only) manufacturing	11 166	.55
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
325188D		Chemical catalytic preparations, excluding silica gel catalyst	2 188 749	16.13
	324110	Petroleum refineries	D	S
	325188	All other basic inorganic chemical manufacturing	1 981 062	90.51
	325199	All other basic organic chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
325188H		All other inorganic chemicals	5 934 914	43.73
	324110	Petroleum refineries	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	4 931 938	83.10
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	300 551	5.06
	325211	Plastics material and resin manufacturing	29 119	.49
	325212	Synthetic rubber manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	61 693	1.04
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
325188W		All other basic inorganic chemical manufacturing, nsk, total	857 965	6.32
	325120	Industrial gas manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	821 449	95.74
	325520	Adhesive manufacturing	D	S
	327113	Porcelain electrical supply manufacturing	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
325191		Gum and wood chemical manufacturing	1 024 694	100.00
	322110	Pulp mills	D	S
	322121	Paper (except newsprint) mills	6 426	.63
	322130	Paperboard mills	D	S
	325191	Gum and wood chemical manufacturing	856 030	83.54
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
3251910		Gum and wood chemicals, including wood distillation products	1 024 694	100.00
	322110	Pulp mills	D	S
	322121	Paper (except newsprint) mills	6 426	.63
	322130	Paperboard mills	D	S
	325191	Gum and wood chemical manufacturing	856 030	83.54
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
325192		Cyclic crude and intermediate manufacturing	6 811 163	100.00
	211111	Crude petroleum and natural gas extraction	D	S
	313230	Nonwoven fabric mills	D	S
	321114	Wood preservation	D	S
	325110	Petrochemical manufacturing	D	S
	325120	Industrial gas manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	3 974 498	58.35
	325211	Plastics material and resin manufacturing	904 442	13.28
	325212	Synthetic rubber manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
3251921		Cyclic (coal tar) intermediates	6 142 483	90.18
	313230	Nonwoven fabric mills	D	S
	325110	Petrochemical manufacturing	D	S
	325120	Industrial gas manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	3 843 499	62.57
	325211	Plastics material and resin manufacturing	D	S
	325212	Synthetic rubber manufacturing	D	S
3251924		Tar, tar crudes, and tar pitches	650 472	9.55
	211111	Crude petroleum and natural gas extraction	D	S
	325110	Petrochemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	115 757	17.80
	325199	All other basic organic chemical manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
325192W		Cyclic crude and intermediate manufacturing, nsk, total	18 208	.27
	325192	Cyclic crude and intermediate manufacturing	15 242	83.71
325193		Ethyl alcohol manufacturing	3 009 125	100.00
	311221	Wet corn milling	D	S
	325193	Ethyl alcohol manufacturing	1 658 034	55.10
	325199	All other basic organic chemical manufacturing	D	S
3251930		Ethyl alcohol	3 009 125	100.00
	311221	Wet corn milling	D	S
	325193	Ethyl alcohol manufacturing	1 658 034	55.10

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325193		Ethyl alcohol manufacturing—Con.		
3251930		Ethyl alcohol—Con.		
	325199	All other basic organic chemical manufacturing	D	S
325199		All other basic organic chemical manufacturing	45 679 128	100.00
	311221	Wet corn milling	D	S
	311999	All other miscellaneous food manufacturing	D	S
	313230	Nonwoven fabric mills	D	S
	322222	Coated and laminated paper manufacturing	D	S
	324110	Petroleum refineries	758 729	1.66
	324122	Asphalt shingle and coating materials manufacturing	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	324199	All other petroleum and coal products manufacturing	D	S
	325110	Petrochemical manufacturing	2 289 385	5.01
	325120	Industrial gas manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	138 194	.30
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	231 131	.51
	325191	Gum and wood chemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325193	Ethyl alcohol manufacturing	544 620	1.19
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	37 428 322	81.94
	325212	Synthetic rubber manufacturing	1 863 227	4.08
	325222	Noncellulosic organic fiber manufacturing	136 580	.30
	325311	Nitrogenous fertilizer manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	139 589	.31
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	9 312	.02
	325520	Adhesive manufacturing	51 193	.11
	325611	Soap and other detergent manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	D	S
	325613	Surface active agent manufacturing	251 679	.55
	325620	Toilet preparation manufacturing	D	S
	325910	Printing ink manufacturing	D	S
	325991	Custom compounding of purchased resins	15 322	.03
	325998	All other miscellaneous chemical product and preparation manufacturing	131 183	.29
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	334516	Analytical laboratory instrument manufacturing	72 588	.16
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3251991		Fatty acids	1 574 666	3.45
	325191	Gum and wood chemical manufacturing	D	S
	325193	Ethyl alcohol manufacturing	D	S
	325199	All other basic organic chemical manufacturing	1 395 144	88.60
	325211	Plastics material and resin manufacturing	D	S
	325613	Surface active agent manufacturing	D	S
3251994		Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations	1 198 701	2.62
	325188	All other basic inorganic chemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	1 128 326	94.13
	325212	Synthetic rubber manufacturing	D	S
3251997		Industrial organic flavor oil mixtures and blends	464 090	1.02
	325199	All other basic organic chemical manufacturing	439 072	94.61
	325411	Medicinal and botanical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
325199A		Reagent and high-purity grades of organic chemicals refined from purchased technical grades	552 346	1.21
	325199	All other basic organic chemical manufacturing	532 193	96.35
	334516	Analytical laboratory instrument manufacturing	D	S
325199E		Natural organic chemicals	1 429 633	3.13
	325110	Petrochemical manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325193	Ethyl alcohol manufacturing	D	S
	325199	All other basic organic chemical manufacturing	888 636	62.16
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
325199G		Synthetic organic alcohols, unmixed	1 816 454	3.98
	311221	Wet corn milling	D	S
	325110	Petrochemical manufacturing	D	S
	325199	All other basic organic chemical manufacturing	1 307 998	72.01
	325211	Plastics material and resin manufacturing	354 002	19.49
	325311	Nitrogenous fertilizer manufacturing	D	S
325199H		Synthetic organic chemicals for use as flavor and perfume materials	1 246 888	2.73
	325199	All other basic organic chemical manufacturing	1 025 096	82.21
	325611	Soap and other detergent manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
325199K		Synthetic organic rubber-processing chemicals	401 508	.88
	325110	Petrochemical manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325199	All other basic organic chemical manufacturing	329 545	82.08
	325211	Plastics material and resin manufacturing	D	S
	325212	Synthetic rubber manufacturing	D	S
325199N		Synthetic organic plasticizers	589 162	1.29
	325199	All other basic organic chemical manufacturing	562 718	95.51
	325211	Plastics material and resin manufacturing	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325199		All other basic organic chemical manufacturing—Con.		
325199R		Other synthetic organic chemicals	6 976 838	15.27
	311999	All other miscellaneous food manufacturing	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	325110	Petrochemical manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	13 366	.19
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	13 219	.19
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	5 706 454	81.79
	325211	Plastics material and resin manufacturing	D	S
	325212	Synthetic rubber manufacturing	D	S
	325222	Noncellulosic organic fiber manufacturing	D	S
	325613	Surface active agent manufacturing	38 307	.55
	325991	Custom compounding of purchased resins	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
325199T		Miscellaneous end use chemicals and chemical products, excluding urea	14 203 603	31.09
	313230	Nonwoven fabric mills	D	S
	322222	Coated and laminated paper manufacturing	D	S
	324110	Petroleum refineries	757 565	5.33
	324122	Asphalt shingle and coating materials manufacturing	D	S
	324191	Petroleum lubricating oil and grease manufacturing	12 247	.09
	325110	Petrochemical manufacturing	D	S
	325120	Industrial gas manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	67 898	.48
	325188	All other basic inorganic chemical manufacturing	66 897	.47
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	11 481 494	80.84
	325211	Plastics material and resin manufacturing	625 224	4.40
	325212	Synthetic rubber manufacturing	D	S
	325222	Noncellulosic organic fiber manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	49 506	.35
	325520	Adhesive manufacturing	25 947	.18
	325611	Soap and other detergent manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	D	S
	325613	Surface active agent manufacturing	56 812	.40
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
325199V		Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	14 182 208	31.05
	313230	Nonwoven fabric mills	D	S
	325110	Petrochemical manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	327 582	2.31
	325211	Plastics material and resin manufacturing	11 606 828	81.84
	325212	Synthetic rubber manufacturing	611 169	4.31
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	325613	Surface active agent manufacturing	D	S
	325910	Printing ink manufacturing	133 277	.94
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
325199W		All other basic organic chemical manufacturing, nsk, total	1 043 031	2.28
	325199	All other basic organic chemical manufacturing	1 024 818	98.25
	325211	Plastics material and resin manufacturing	D	S
	325520	Adhesive manufacturing	D	S
325211		Plastics material and resin manufacturing	46 136 949	100.00
	313230	Nonwoven fabric mills	D	S
	324199	All other petroleum and coal products manufacturing	D	S
	325110	Petrochemical manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325191	Gum and wood chemical manufacturing	8 113	.02
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	1 583 274	3.43
	325211	Plastics material and resin manufacturing	39 970 152	86.63
	325212	Synthetic rubber manufacturing	134 805	.29
	325222	Noncellulosic organic fiber manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325510	Paint and coating manufacturing	97 328	.21
	325520	Adhesive manufacturing	154 286	.33
	325613	Surface active agent manufacturing	D	S
	325991	Custom compounding of purchased resins	195 528	.42
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	152 012	.33
	326121	Unlaminated plastics profile shape manufacturing	73 642	.16
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	48 265	.10
	326150	Urethane and other foam product (except polystyrene) manufacturing	59 585	.13
	326199	All other plastics product manufacturing	50 968	.11
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325211		Plastics material and resin manufacturing—Con.		
3252111		Thermoplastic resins and plastics materials	37 633 647	81.57
	313230	Nonwoven fabric mills	D	S
	325110	Petrochemical manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325191	Gum and wood chemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	1 246 875	3.31
	325211	Plastics material and resin manufacturing	32 979 654	87.63
	325212	Synthetic rubber manufacturing	131 374	.35
	325222	Noncellulosic organic fiber manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325510	Paint and coating manufacturing	D	S
	325520	Adhesive manufacturing	79 225	.21
	325613	Surface active agent manufacturing	D	S
	325991	Custom compounding of purchased resins	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	7 131	.02
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	71 055	.19
	326140	Polystyrene foam product manufacturing	D	S
	326199	All other plastics product manufacturing	44 804	.12
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
	337124	Metal household furniture manufacturing	D	S
3252114		Thermosetting resins and plastics materials	7 904 972	17.13
	324199	All other petroleum and coal products manufacturing	D	S
	325110	Petrochemical manufacturing	D	S
	325192	Cyclic crude and intermediate manufacturing	D	S
	325199	All other basic organic chemical manufacturing	336 399	4.26
	325211	Plastics material and resin manufacturing	6 392 883	80.87
	325222	Noncellulosic organic fiber manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325510	Paint and coating manufacturing	D	S
	325520	Adhesive manufacturing	75 061	.95
	325991	Custom compounding of purchased resins	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	59 585	.75
	326199	All other plastics product manufacturing	6 040	.08
	326291	Rubber product manufacturing for mechanical use	D	S
	335931	Current-carrying wiring device manufacturing	D	S
325211W		Plastics material and resin manufacturing, nsk, total	598 330	1.30
	325211	Plastics material and resin manufacturing	597 615	99.88
325212		Synthetic rubber manufacturing	5 778 261	100.00
	325110	Petrochemical manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325199	All other basic organic chemical manufacturing	321 946	5.57
	325211	Plastics material and resin manufacturing	209 165	3.62
	325212	Synthetic rubber manufacturing	4 639 325	80.29
	325520	Adhesive manufacturing	71 656	1.24
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
3252120		Synthetic rubber (vulcanizable elastomers)	5 778 261	100.00
	325110	Petrochemical manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325199	All other basic organic chemical manufacturing	321 946	5.57
	325211	Plastics material and resin manufacturing	209 165	3.62
	325212	Synthetic rubber manufacturing	4 639 325	80.29
	325520	Adhesive manufacturing	71 656	1.24
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
325221		Cellulosic organic fiber manufacturing	971 021	100.00
	325199	All other basic organic chemical manufacturing	D	S
	325221	Cellulosic organic fiber manufacturing	D	S
3252210		Rayon, acetate, and lyocell manufactured fibers	971 021	100.00
	325199	All other basic organic chemical manufacturing	D	S
	325221	Cellulosic organic fiber manufacturing	D	S
325222		Noncellulosic organic fiber manufacturing	7 346 676	100.00
	313230	Nonwoven fabric mills	D	S
	313320	Fabric coating mills	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	325222	Noncellulosic organic fiber manufacturing	6 322 078	86.05
	325991	Custom compounding of purchased resins	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
3252221		Nylon and other polyamide manufactured fibers	2 644 689	36.00
	313230	Nonwoven fabric mills	D	S
	325211	Plastics material and resin manufacturing	D	S
	325222	Noncellulosic organic fiber manufacturing	D	S
3252224		Polyolefin manufactured fibers	420 089	5.72
	313320	Fabric coating mills	D	S
	325222	Noncellulosic organic fiber manufacturing	D	S
	325991	Custom compounding of purchased resins	D	S
3252227		Polyester manufactured fibers	1 877 248	25.55
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325222	Noncellulosic organic fiber manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325222		Noncellulosic organic fiber manufacturing—Con.		
325222A		Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite)	865 283	11.78
	313230	Nonwoven fabric mills	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325222	Noncellulosic organic fiber manufacturing	715 663	82.71
325222D		Producer-textured manufactured noncellulosic fibers	1 492 871	20.32
	325199	All other basic organic chemical manufacturing	D	S
	325222	Noncellulosic organic fiber manufacturing	1 356 526	90.87
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
325222W		Noncellulosic organic fiber manufacturing, nsk, total	46 496	.63
	325222	Noncellulosic organic fiber manufacturing	46 496	100.00
325311		Nitrogenous fertilizer manufacturing	3 617 105	100.00
	211111	Crude petroleum and natural gas extraction	D	S
	325188	All other basic inorganic chemical manufacturing	65 840	1.82
	325199	All other basic organic chemical manufacturing	339 357	9.38
	325311	Nitrogenous fertilizer manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	D	S
3253111		Synthetic ammonia, nitric acid, and ammonium compounds	2 684 145	74.21
	211111	Crude petroleum and natural gas extraction	D	S
	325188	All other basic inorganic chemical manufacturing	65 840	2.45
	325199	All other basic organic chemical manufacturing	D	S
	325311	Nitrogenous fertilizer manufacturing	2 226 225	82.94
	325312	Phosphatic fertilizer manufacturing	D	S
3253114		Urea	739 533	20.45
	325199	All other basic organic chemical manufacturing	D	S
	325311	Nitrogenous fertilizer manufacturing	D	S
3253117		Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials	61 357	1.70
	325311	Nitrogenous fertilizer manufacturing	D	S
325311W		Nitrogenous fertilizer manufacturing, nsk, total	132 070	3.65
	325311	Nitrogenous fertilizer manufacturing	132 070	100.00
325312		Phosphatic fertilizer manufacturing	3 805 332	100.00
	325188	All other basic inorganic chemical manufacturing	D	S
	325311	Nitrogenous fertilizer manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	3 612 363	94.93
3253121		Phosphoric acid	1 138 139	29.91
	325188	All other basic inorganic chemical manufacturing	D	S
	325311	Nitrogenous fertilizer manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	1 003 444	88.17
3253124		Superphosphates and other phosphatic fertilizer materials	2 436 974	64.04
	325311	Nitrogenous fertilizer manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	D	S
3253127		Mixed fertilizers, made in plants which manufacture fertilizer materials	219 998	5.78
	325311	Nitrogenous fertilizer manufacturing	D	S
	325312	Phosphatic fertilizer manufacturing	D	S
325312W		Phosphatic fertilizer manufacturing, nsk, total	10 221	.27
	325312	Phosphatic fertilizer manufacturing	10 221	100.00
325314		Fertilizer (mixing only) manufacturing	2 831 330	100.00
	321999	All other miscellaneous wood product manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325314	Fertilizer (mixing only) manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	47 259	1.67
3253140		Mixed fertilizers, mixing only	2 831 330	100.00
	321999	All other miscellaneous wood product manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325314	Fertilizer (mixing only) manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	47 259	1.67
325320		Pesticide and other agricultural chemical manufacturing	9 497 903	100.00
	325211	All other basic organic chemical manufacturing	321 774	3.39
	325320	Plastics material and resin manufacturing	D	S
	325411	Pesticide and other agricultural chemical manufacturing	8 582 142	90.36
	325412	Medicinal and botanical manufacturing	D	S
	325611	Pharmaceutical preparation manufacturing	54 121	.57
	325612	Soap and other detergent manufacturing	55 248	.58
	325613	Polish and other sanitation good manufacturing	D	S
	325620	Surface active agent manufacturing	D	S
	325998	Toilet preparation manufacturing	D	S
		All other miscellaneous chemical product and preparation manufacturing	D	S
3253201		Agricultural and commercial pesticides and chemicals	6 170 098	64.96
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	5 794 155	93.91
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
3253204		Lawn and garden pesticides and chemicals	345 477	3.64
	325199	All other basic organic chemical manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
3253207		Household and institutional pesticides and chemicals	2 502 204	26.34
	325199	All other basic organic chemical manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325611	Soap and other detergent manufacturing	52 638	2.10
	325612	Polish and other sanitation good manufacturing	D	S
	325613	Surface active agent manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
325320W		Pesticide and other agricultural chemical manufacturing, nsk, total	480 124	5.06
	325320	Pesticide and other agricultural chemical manufacturing	480 068	99.99
325411		Medicinal and botanical manufacturing	13 303 201	100.00
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	325199	All other basic organic chemical manufacturing	141 167	1.06
	325411	Medicinal and botanical manufacturing	11 367 752	85.45
	325412	Pharmaceutical preparation manufacturing	1 740 253	13.08
	325414	Biological product (except diagnostic) manufacturing	17 913	.13

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325411		Medicinal and botanical manufacturing—Con.		
3254111		Synthetic organic medicinal chemicals, in bulk	10 293 803	77.38
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	8 889 857	86.36
	325412	Pharmaceutical preparation manufacturing	1 245 785	12.10
	325414	Biological product (except diagnostic) manufacturing	D	S
3254114		Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	2 844 019	21.38
	311942	Spice and extract manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	2 312 516	81.31
	325412	Pharmaceutical preparation manufacturing	494 468	17.39
	325414	Biological product (except diagnostic) manufacturing	D	S
325411W		Medicinal and botanical manufacturing, nsk, total	165 379	1.24
	325411	Medicinal and botanical manufacturing	165 379	100.00
325412		Pharmaceutical preparation manufacturing	103 117 074	100.00
	311119	Other animal food manufacturing	42 250	.04
	311222	Soybean processing	D	S
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	325199	All other basic organic chemical manufacturing	33 993	.03
	325411	Medicinal and botanical manufacturing	271 945	.26
	325412	Pharmaceutical preparation manufacturing	101 839 349	98.76
	325414	Biological product (except diagnostic) manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	325620	Toilet preparation manufacturing	424 808	.41
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3254121		Pharmaceutical preparations, affecting neoplasms, the endocrine system, and metabolic diseases, for human use	17 528 298	17.00
	325412	Pharmaceutical preparation manufacturing	17 525 070	99.98
3254124		Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use	23 963 224	23.24
	325412	Pharmaceutical preparation manufacturing	23 903 456	99.75
	325620	Toilet preparation manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
3254127		Pharmaceutical preparations, acting on the cardiovascular system, for human use	10 503 877	10.19
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
325412A		Pharmaceutical preparations, acting on the respiratory system, for human use	12 559 042	12.18
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
325412D		Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	13 100 454	12.70
	311514	Dry, condensed, and evaporated dairy product manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	12 856 371	98.14
	325414	Biological product (except diagnostic) manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	325620	Toilet preparation manufacturing	102 011	.78
325412G		Pharmaceutical preparations, acting on skin, for human use	2 653 260	2.57
	325199	All other basic organic chemical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	2 392 286	90.16
	325620	Toilet preparation manufacturing	224 283	8.45
	339113	Surgical appliance and supplies manufacturing	D	S
325412L		Pharmaceutical preparations, vitamin, nutrient, and hematonic preparations, for human use	6 250 589	6.06
	311222	Soybean processing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	5 964 931	95.43
	325620	Toilet preparation manufacturing	15 781	.25
325412P		Pharmaceutical preparations, affecting parasitic and ineffective diseases, for human use (excluding diagnostics)	11 347 130	11.00
	325412	Pharmaceutical preparation manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
325412T		Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products, excluding pet flea and tick products), excluding diagnostics	2 512 095	2.44
	311119	Other animal food manufacturing	42 250	1.68
	325412	Pharmaceutical preparation manufacturing	2 132 346	84.88
	325414	Biological product (except diagnostic) manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
325412V		In vivo diagnostic substances	1 737 541	1.69
	325412	Pharmaceutical preparation manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
325412W		Pharmaceutical preparation manufacturing, nsk, total	961 564	.93
	325412	Pharmaceutical preparation manufacturing	961 543	100.00
325413		In-vitro diagnostic substances manufacturing	8 249 946	100.00
	325199	All other basic organic chemical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325413	In-vitro diagnostic substance manufacturing	6 107 063	74.03
	325414	Biological product (except diagnostic) manufacturing	26 679	.32
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
3254130		In-vitro diagnostic substances	8 249 946	100.00
	325199	All other basic organic chemical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325413	In-vitro diagnostic substance manufacturing	6 107 063	74.03
	325414	Biological product (except diagnostic) manufacturing	26 679	.32
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
325414		Biological product (except diagnostic) manufacturing	8 431 081	100.00
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
3254141		Blood and blood derivatives, for human use	1 727 729	20.49
	325412	Pharmaceutical preparation manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325414		Biological product (except diagnostic) manufacturing—Con.		
3254141		Blood and blood derivatives, for human use—Con.		
	325414	Biological product (except diagnostic) manufacturing	D	S
3254144		Vaccines, toxoids, and antigens, excluding allergens, for human use	2 485 287	29.48
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
3254147		Other biologics, excluding diagnostic, for human use	2 165 164	25.68
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
325414A		Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses	1 795 724	21.30
	325412	Pharmaceutical preparation manufacturing	D	S
	325414	Biological product (except diagnostic) manufacturing	D	S
325414W		Biological product (except diagnostic) manufacturing, nsk, total	257 177	3.05
	325414	Biological product (except diagnostic) manufacturing	257 177	100.00
325510		Paint and coating manufacturing	19 316 504	100.00
	325211	Plastics material and resin manufacturing	93 988	.49
	325510	Paint and coating manufacturing	18 848 490	97.58
	325520	Adhesive manufacturing	97 622	.51
	325611	Soap and other detergent manufacturing	16 203	.08
	325910	Printing ink manufacturing	50 627	.26
	325991	Custom compounding of purchased resins	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
3255101		Architectural coatings	7 763 279	40.19
	325211	Plastics material and resin manufacturing	30 854	.40
	325510	Paint and coating manufacturing	7 709 334	99.31
	325520	Adhesive manufacturing	9 091	.12
	325611	Soap and other detergent manufacturing	D	S
3255104		Product finishes for original equipment manufacturers (OEM), excluding marine coatings	5 295 393	27.41
	325211	Plastics material and resin manufacturing	D	S
	325510	Paint and coating manufacturing	5 166 865	97.57
	325520	Adhesive manufacturing	5 561	.11
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
3255107		Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	3 289 244	17.03
	325211	Plastics material and resin manufacturing	50 529	1.54
	325510	Paint and coating manufacturing	3 098 689	94.21
	325520	Adhesive manufacturing	81 398	2.47
	325611	Soap and other detergent manufacturing	7 095	.22
	325910	Printing ink manufacturing	8 542	.26
	325991	Custom compounding of purchased resins	D	S
325510B		Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc.	1 354 955	7.01
	325510	Paint and coating manufacturing	1 261 393	93.09
	325910	Printing ink manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
325510W		Paint and coating manufacturing, nsk, total	1 613 633	8.35
	325510	Paint and coating manufacturing	1 612 209	99.91
325520		Adhesive manufacturing	7 387 049	100.00
	313230	Nonwoven fabric mills	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325199	All other basic organic chemical manufacturing	274 043	3.71
	325211	Plastics material and resin manufacturing	107 067	1.45
	325212	Synthetic rubber manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325510	Paint and coating manufacturing	80 241	1.09
	325520	Adhesive manufacturing	6 519 878	88.26
	325611	Soap and other detergent manufacturing	D	S
	325991	Custom compounding of purchased resins	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	34 775	.47
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	17 357	.23
	326299	All other rubber product manufacturing	53 503	.72
	327999	All other miscellaneous nonmetallic mineral product manufacturing	5 664	.08
	332321	Metal window and door manufacturing	9 322	.13
	333120	Construction machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	335991	Carbon and graphite product manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
3255201		Natural base glues and adhesives	250 525	3.39
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325510	Paint and coating manufacturing	D	S
	325520	Adhesive manufacturing	221 499	88.41
3255204		Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	4 416 684	59.79
	313230	Nonwoven fabric mills	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	83 411	1.89
	325212	Synthetic rubber manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325510	Paint and coating manufacturing	43 592	.99
	325520	Adhesive manufacturing	3 971 879	89.93
	325611	Soap and other detergent manufacturing	D	S
	325991	Custom compounding of purchased resins	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	10 549	.24
	326299	All other rubber product manufacturing	53 080	1.20
	333120	Construction machinery manufacturing	D	S
	335991	Carbon and graphite product manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325520		Adhesive manufacturing—Con.		
3255207		Structural sealants (load-bearing)	734 810	9.95
	325199	All other basic organic chemical manufacturing	D	S
	325520	Adhesive manufacturing	492 785	67.06
	326199	All other plastics product manufacturing	D	S
325520A		Nonstructural caulking compounds and sealants	1 482 516	20.07
	324122	Asphalt shingle and coating materials manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	22 574	1.52
	325510	Paint and coating manufacturing	D	S
	325520	Adhesive manufacturing	1 362 905	91.93
	332321	Metal window and door manufacturing	9 322	.63
	333319	Other commercial and service industry machinery manufacturing	D	S
325520W		Adhesive manufacturing, nsk, total	502 514	6.80
	325520	Adhesive manufacturing	470 810	93.69
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
325611		Soap and other detergent manufacturing	16 213 579	100.00
	311942	Spice and extract manufacturing	D	S
	313230	Nonwoven fabric mills	D	S
	322291	Sanitary paper product manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	131 896	.81
	325510	Paint and coating manufacturing	11 823	.07
	325611	Soap and other detergent manufacturing	13 657 711	84.24
	325612	Polish and other sanitation good manufacturing	420 412	2.59
	325613	Surface active agent manufacturing	18 229	.11
	325620	Toilet preparation manufacturing	1 805 111	11.13
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	25 767	.16
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3256111		Soaps and detergents, commercial, industrial, and institutional	6 947 342	42.85
	311942	Spice and extract manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325510	Paint and coating manufacturing	10 944	.16
	325611	Soap and other detergent manufacturing	6 514 326	93.77
	325612	Polish and other sanitation good manufacturing	206 551	2.97
	325613	Surface active agent manufacturing	7 446	.11
	325620	Toilet preparation manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	22 948	.33
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3256114		Household detergents	3 852 011	23.76
	325412	Pharmaceutical preparation manufacturing	D	S
	325611	Soap and other detergent manufacturing	3 530 324	91.65
	325612	Polish and other sanitation good manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
3256117		Soaps, excluding specialty cleaners, household	D	S
	322291	Sanitary paper product manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
325611A		Glycerin, natural	D	S
	325611	Soap and other detergent manufacturing	D	S
	325613	Surface active agent manufacturing	D	S
325611D		Toothpaste, including gels and toothpowder	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	325620	Toilet preparation manufacturing	1 063 071	68.27
325611W		Soap and other detergent manufacturing, nsk, total	1 355 806	8.36
	313230	Nonwoven fabric mills	D	S
	325611	Soap and other detergent manufacturing	D	S
325612		Polish and other sanitation good manufacturing	8 112 961	100.00
	324191	Frozen fruit, juice, and vegetable manufacturing	D	S
	325181	Petroleum lubricating oil and grease manufacturing	D	S
	325188	Alkalies and chlorine manufacturing	D	S
	325199	All other basic inorganic chemical manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	325611	Soap and other detergent manufacturing	2 049 212	25.26
	325612	Polish and other sanitation good manufacturing	5 518 262	68.02
	325613	Surface active agent manufacturing	D	S
	325620	Toilet preparation manufacturing	122 134	1.51
	325998	All other miscellaneous chemical product and preparation manufacturing	122 682	1.51
	326199	All other plastics product manufacturing	12 720	.16
	327910	Abrasive product manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	7 198	.09
3256121		Household bleaches (chlorine and nonchlorine)	963 590	11.88
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	325611	Soap and other detergent manufacturing	29 188	3.03
	325612	Polish and other sanitation good manufacturing	D	S
3256125		Specialty cleaning and sanitation products	4 859 590	59.90
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	325611	Soap and other detergent manufacturing	1 956 191	40.25
	325612	Polish and other sanitation good manufacturing	2 590 504	53.31
	325620	Toilet preparation manufacturing	121 096	2.49
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326199	All other plastics product manufacturing	12 720	.26

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325612		Polish and other sanitation good manufacturing—Con.		
325612S		Specialty cleaning and sanitation products—Con.		
3256127	333319	Other commercial and service industry machinery manufacturing	D	S
		Polishing preparations and related products	1 684 683	20.77
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	325611	Soap and other detergent manufacturing	63 744	3.78
	325612	Polish and other sanitation good manufacturing	1 452 254	86.20
	325613	Surface active agent manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	327910	Abrasive product manufacturing	D	S
325612W		Polish and other sanitation good manufacturing, nsk, total	605 098	7.46
	325612	Polish and other sanitation good manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
325613		Surface active agent manufacturing	6 204 036	100.00
	324110	Petroleum refineries	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	325120	Industrial gas manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325199	All other basic organic chemical manufacturing	663 391	10.69
	325211	Plastics material and resin manufacturing	103 207	1.66
	325212	Synthetic rubber manufacturing	D	S
	325611	Soap and other detergent manufacturing	44 423	.72
	325613	Surface active agent manufacturing	4 706 117	75.86
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
3256130		Surfactants, finishing agents, and assistants	6 204 036	100.00
	324110	Petroleum refineries	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	325120	Industrial gas manufacturing	D	S
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325199	All other basic organic chemical manufacturing	663 391	10.69
	325211	Plastics material and resin manufacturing	103 207	1.66
	325212	Synthetic rubber manufacturing	D	S
	325611	Soap and other detergent manufacturing	44 423	.72
	325613	Surface active agent manufacturing	4 706 117	75.86
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
325620		Toilet preparation manufacturing	30 430 169	100.00
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	322299	All other converted paper product manufacturing	D	S
	325411	Medicinal and botanical manufacturing	73 141	.24
	325412	Pharmaceutical preparation manufacturing	617 601	2.03
	325611	Soap and other detergent manufacturing	156 330	.51
	325612	Polish and other sanitation good manufacturing	D	S
	325620	Toilet preparation manufacturing	29 208 879	95.99
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3256201		Shaving preparations	622 630	2.05
	325611	Soap and other detergent manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	D	S
	325620	Toilet preparation manufacturing	464 123	74.54
3256204		Perfumes, toilet waters, and colognes	2 997 336	9.85
	311930	Flavoring syrup and concentrate manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	311999	All other miscellaneous food manufacturing	D	S
	325620	Toilet preparation manufacturing	2 945 950	98.29
3256207		Hair preparations (including shampoos)	7 993 433	26.27
	322291	Sanitary paper product manufacturing	D	S
	325411	Medicinal and botanical manufacturing	37 515	.47
	325412	Pharmaceutical preparation manufacturing	100 408	1.26
	325611	Soap and other detergent manufacturing	D	S
	325620	Toilet preparation manufacturing	7 751 957	96.98
325620A		Dentifrices, mouthwashes, gargles, and rinses	1 240 606	4.08
	325412	Pharmaceutical preparation manufacturing	D	S
	325620	Toilet preparation manufacturing	1 003 624	80.90
	339113	Surgical appliance and supplies manufacturing	D	S
325620D		Creams, lotions and oils, excluding shaving, hair, and deodorant	6 134 297	20.16
	322291	Sanitary paper product manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	277 701	4.53
	325611	Soap and other detergent manufacturing	29 875	.49
	325620	Toilet preparation manufacturing	5 744 593	93.65
	333319	Other commercial and service industry machinery manufacturing	D	S
325620G		Other cosmetics and toilet preparations	9 335 438	30.68
	322299	All other converted paper product manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	6 071	.07
	325620	Toilet preparation manufacturing	9 205 358	98.61
	334516	Analytical laboratory instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
325620W		Toilet preparation manufacturing, nsk, total	2 106 429	6.92
	325620	Toilet preparation manufacturing	2 093 274	99.38
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
325910		Printing ink manufacturing	4 018 353	100.00
	325132	Synthetic organic dye and pigment manufacturing	D	S
	325510	Paint and coating manufacturing	D	S
	325910	Printing ink manufacturing	3 958 906	98.52

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325910		Printing ink manufacturing—Con.		
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
3259101		Letterpress printing inks	118 266	2.94
	325910	Printing ink manufacturing	118 041	99.81
3259104		Lithographic and offset inks	1 636 129	40.72
	325510	Paint and coating manufacturing	D	S
	325910	Printing ink manufacturing	1 614 529	98.68
3259107		Gravure printing inks	487 558	12.13
	325910	Printing ink manufacturing	487 253	99.94
325910A		Flexographic printing inks	798 837	19.88
	325910	Printing ink manufacturing	796 140	99.66
325910E		Nonimpact/digital inks	239 120	5.95
	325910	Printing ink manufacturing	213 966	89.48
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
325910H		All other printing inks	312 060	7.77
	325910	Printing ink manufacturing	305 821	98.00
325910W		Printing ink manufacturing, nsk, total	426 383	10.61
	325910	Printing ink manufacturing	423 156	99.24
325920		Explosives manufacturing	901 131	100.00
	325920	Explosives manufacturing	D	S
	332994	Small arms manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
3259200		Explosives	901 131	100.00
	325920	Explosives manufacturing	D	S
	332994	Small arms manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
325991		Custom compounding of purchased resins	7 102 410	100.00
	322299	All other converted paper product manufacturing	D	S
	325211	Plastics material and resin manufacturing	196 051	2.76
	325520	Adhesive manufacturing	D	S
	325991	Custom compounding of purchased resins	6 716 999	94.57
	326199	All other plastics product manufacturing	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3259911		Custom compounding of purchased resins and color concentrates	5 729 573	80.67
	322299	All other converted paper product manufacturing	D	S
	325211	Plastics material and resin manufacturing	193 994	3.39
	325991	Custom compounding of purchased resins	5 356 708	93.49
	326199	All other plastics product manufacturing	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3259912		Resins in the form of pellets from spent or post consumer plastics	519 828	7.32
	325520	Adhesive manufacturing	D	S
	325991	Custom compounding of purchased resins	509 627	98.04
325991W		Custom compounding of purchased resins, nsk, total	853 009	12.01
	325991	Custom compounding of purchased resins	850 664	99.73
325992		Photographic film, paper, plate, and chemical manufacturing	9 208 293	100.00
	322222	Coated and laminated paper manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	325910	Printing ink manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	9 053 052	98.31
	333315	Photographic and photocopying equipment manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
3259921		Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray)	5 039 491	54.73
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
3259923		Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray)	1 858 098	20.18
	322222	Coated and laminated paper manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
3259925		Prepared photographic chemicals	1 890 761	20.53
	325211	Plastics material and resin manufacturing	D	S
	325910	Printing ink manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	1 828 579	96.71
	333315	Photographic and photocopying equipment manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
325992W		Photographic film, paper, plate, and chemical manufacturing, nsk, total	419 943	4.56
	325992	Photographic film, paper, plate, and chemical manufacturing	412 572	98.24
325998		All other miscellaneous chemical product and preparation manufacturing	12 395 393	100.00
	311411	Frozen fruit, juice, and vegetable manufacturing	15 530	.13
	311942	Spice and extract manufacturing	D	S
	324191	Petroleum lubricating oil and grease manufacturing	29 274	.24
	325131	Inorganic dye and pigment manufacturing	D	S
	325181	Alkalies and chlorine manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	23 364	.19
	325199	All other basic organic chemical manufacturing	131 807	1.06
	325211	Plastics material and resin manufacturing	D	S
	325212	Synthetic rubber manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325510	Paint and coating manufacturing	8 044	.06
	325520	Adhesive manufacturing	62 110	.50
	325611	Soap and other detergent manufacturing	18 574	.15
	325612	Polish and other sanitation good manufacturing	204 620	1.65
	325613	Surface active agent manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	325910	Printing ink manufacturing	17 623	.14
	325991	Custom compounding of purchased resins	8 331	.07
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
325998		All other miscellaneous chemical product and preparation manufacturing—Con.		
	325998	All other miscellaneous chemical product and preparation manufacturing	11 285 785	91.05
	327320	Ready-mix concrete manufacturing	5 576	.04
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332213	Saw blade and handsaw manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
	333294	Food product machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3259981		Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	618 150	4.99
	325181	Alkalies and chlorine manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
3259984		Matches	49 997	.40
	325998	All other miscellaneous chemical product and preparation manufacturing	49 997	100.00
3259987		Gelatin, excluding ready-to-eat desserts	521 432	4.21
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
325998A		Water treating compounds	2 530 799	20.42
	325188	All other basic inorganic chemical manufacturing	16 465	.65
	325199	All other basic organic chemical manufacturing	5 062	.20
	325611	Soap and other detergent manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	2 467 042	97.48
325998E		Automotive chemicals	1 037 626	8.37
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	831 730	80.16
	336399	All other motor vehicle parts manufacturing	D	S
325998J		All other chemical preparations, including essential oils and water-treating compounds	6 280 475	50.67
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	311942	Spice and extract manufacturing	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	325188	All other basic inorganic chemical manufacturing	6 312	.10
	325199	All other basic organic chemical manufacturing	124 139	1.98
	325211	Plastics material and resin manufacturing	D	S
	325212	Synthetic rubber manufacturing	D	S
	325320	Pesticide and other agricultural chemical manufacturing	D	S
	325510	Paint and coating manufacturing	8 034	.13
	325520	Adhesive manufacturing	D	S
	325612	Polish and other sanitation good manufacturing	72 264	1.15
	325613	Surface active agent manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	325910	Printing ink manufacturing	D	S
	325991	Custom compounding of purchased resins	8 003	.13
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	5 534 466	88.12
	327320	Ready-mix concrete manufacturing	5 298	.08
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332213	Saw blade and handsaw manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
	333294	Food product machinery manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
325998W		All other miscellaneous chemical product and preparation manufacturing, nsk, total	1 356 914	10.95
	311411	Frozen fruit, juice, and vegetable manufacturing	D	S
	325131	Inorganic dye and pigment manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	1 314 541	96.88
326111		Plastics bag manufacturing	7 424 341	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	11 864	.16
	322224	Uncoated paper and multiwall bag manufacturing	6 067	.08
	326111	Plastics bag manufacturing	6 537 745	88.06
	326112	Plastics packaging film and sheet (including laminated) manufacturing	417 629	5.63
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	278 881	3.76
	326140	Polystyrene foam product manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3261111		Single-web film specialty bags, pouches, and liners	6 477 347	87.24
	322221	Coated and laminated packaging paper and plastics film manufacturing	D	S
	322224	Uncoated paper and multiwall bag manufacturing	6 067	.09
	326111	Plastics bag manufacturing	5 756 841	88.88
	326112	Plastics packaging film and sheet (including laminated) manufacturing	329 461	5.09
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3261113		Multiweb film/film combination specialty bags, pouches, and liners	687 190	9.26
	322223	Plastics, foil, and coated paper bag manufacturing	8 757	1.27
	326111	Plastics bag manufacturing	521 807	75.93
	326112	Plastics packaging film and sheet (including laminated) manufacturing	87 461	12.73
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
326111W		Plastics bag manufacturing, nsk, total	259 804	3.50
	326111	Plastics bag manufacturing	259 097	99.73
326112		Plastics packaging film and sheet (including laminated) manufacturing	7 146 036	100.00
	322221	Coated and laminated packaging paper and plastics film manufacturing	39 886	.56
	322222	Coated and laminated paper manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326112		Plastics packaging film and sheet (including laminated) manufacturing—Con.		
	322223	Plastics, foil, and coated paper bag manufacturing	29 528	.41
	322224	Uncoated paper and multiwall bag manufacturing	7 880	.11
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	23 182	.32
	323111	Commercial gravure printing	D	S
	325211	Plastics material and resin manufacturing	D	S
	326111	Plastics bag manufacturing	161 290	2.26
	326112	Plastics packaging film and sheet (including laminated) manufacturing	6 548 408	91.64
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	197 259	2.76
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
3261121		Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	4 363 831	61.07
	322221	Coated and laminated packaging paper and plastics film manufacturing	9 626	.22
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	325211	Plastics material and resin manufacturing	D	S
	326111	Plastics bag manufacturing	127 850	2.93
	326112	Plastics packaging film and sheet (including laminated) manufacturing	3 935 995	90.20
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	197 259	4.52
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
3261123		Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	2 687 640	37.61
	322221	Coated and laminated packaging paper and plastics film manufacturing	30 260	1.13
	322222	Coated and laminated paper manufacturing	D	S
	322223	Plastics, foil, and coated paper bag manufacturing	D	S
	322224	Uncoated paper and multiwall bag manufacturing	6 236	.23
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	326111	Plastics bag manufacturing	33 440	1.24
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
326112W		Plastics packaging film and sheet (including laminated) manufacturing, nsk, total	94 565	1.32
	323111	Commercial gravure printing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
326113		Unlaminated plastics film and sheet (except packaging) manufacturing	13 786 078	100.00
	313221	Narrow fabric mills	D	S
	313230	Nonwoven fabric mills	11 810	.09
	313311	Broadwoven fabric finishing mills	D	S
	313320	Fabric coating mills	D	S
	322222	Coated and laminated paper manufacturing	144 848	1.05
	322224	Uncoated paper and multiwall bag manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
	325110	Petrochemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	1 367 543	9.92
	325212	Synthetic rubber manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326111	Plastics bag manufacturing	112 683	.82
	326112	Plastics packaging film and sheet (including laminated) manufacturing	77 688	.56
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	11 397 164	82.67
	326121	Unlaminated plastics profile shape manufacturing	50 346	.37
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	34 645	.25
	326140	Polystyrene foam product manufacturing	D	S
	326199	All other plastics product manufacturing	85 138	.62
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	337920	Blind and shade manufacturing	D	S
3261130		Unlaminated plastics film and sheet, excluding packaging	13 786 078	100.00
	313221	Narrow fabric mills	D	S
	313230	Nonwoven fabric mills	11 810	.09
	313311	Broadwoven fabric finishing mills	D	S
	313320	Fabric coating mills	D	S
	322222	Coated and laminated paper manufacturing	144 848	1.05
	322224	Uncoated paper and multiwall bag manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
	325110	Petrochemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	1 367 543	9.92
	325212	Synthetic rubber manufacturing	D	S
	325411	Medicinal and botanical manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326111	Plastics bag manufacturing	112 683	.82
	326112	Plastics packaging film and sheet (including laminated) manufacturing	77 688	.56
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	11 397 164	82.67
	326121	Unlaminated plastics profile shape manufacturing	50 346	.37
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	34 645	.25
	326140	Polystyrene foam product manufacturing	D	S
	326199	All other plastics product manufacturing	85 138	.62
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	337920	Blind and shade manufacturing	D	S
326121		Unlaminated plastics profile shape manufacturing	5 310 883	100.00
	313230	Nonwoven fabric mills	D	S
	313311	Broadwoven fabric finishing mills	D	S
	322222	Coated and laminated paper manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	25 664	.48
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	56 483	1.06
	326121	Unlaminated plastics profile shape manufacturing	4 682 717	88.17

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326121		Unlaminated plastics profile shape manufacturing—Con.		
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	27 605	.52
	326160	Plastics bottle manufacturing	D	S
	326199	All other plastics product manufacturing	65 852	1.24
	336370	Motor vehicle metal stamping	D	S
	339950	Sign manufacturing	D	S
3261210		Unlaminated plastics profile shapes	5 310 883	100.00
	313230	Nonwoven fabric mills	D	S
	313311	Broadwoven fabric finishing mills	D	S
	322222	Coated and laminated paper manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	25 664	.48
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	56 483	1.06
	326121	Unlaminated plastics profile shape manufacturing	4 682 717	88.17
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	27 605	.52
	326160	Plastics bottle manufacturing	D	S
	326199	All other plastics product manufacturing	65 852	1.24
	336370	Motor vehicle metal stamping	D	S
	339950	Sign manufacturing	D	S
326122		Plastics pipe and pipe fitting manufacturing	5 367 806	100.00
	326122	Plastics pipe and pipe fitting manufacturing	5 161 987	96.17
	326160	Plastics bottle manufacturing	D	S
	326199	All other plastics product manufacturing	126 950	2.37
	332322	Sheet metal work manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333511	Industrial mold manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	D	S
3261221		Plastics pipe	4 521 424	84.23
	326122	Plastics pipe and pipe fitting manufacturing	4 389 666	97.09
	326199	All other plastics product manufacturing	101 350	2.24
	332322	Sheet metal work manufacturing	D	S
3261223		Plastics pipe fitting and unions	572 172	10.66
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	326199	All other plastics product manufacturing	25 489	4.45
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333511	Industrial mold manufacturing	D	S
326122W		Plastics pipe and pipe fitting manufacturing, total	274 210	5.11
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	326160	Plastics bottle manufacturing	D	S
326130		Laminated plastics plate, sheet (except packaging), and shape manufacturing	2 267 595	100.00
	322222	Coated and laminated paper manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	206 046	9.09
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	1 971 378	86.94
	326199	All other plastics product manufacturing	39 160	1.73
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3261300		Thermosetting plastics laminates (excluding flexible packaging)	2 267 595	100.00
	322222	Coated and laminated paper manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	206 046	9.09
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	1 971 378	86.94
	326199	All other plastics product manufacturing	39 160	1.73
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
326140		Polystyrene foam product manufacturing	6 048 541	100.00
	322211	Corrugated and solid fiber box manufacturing	7 343	.12
	322215	Nonfolding sanitary food container manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	5 498 517	90.91
	326150	Urethane and other foam product (except polystyrene) manufacturing	51 432	.85
	326199	All other plastics product manufacturing	68 251	1.13
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332322	Sheet metal work manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	18 535	.31
3261401		Transportation polystyrene foam products (including seating, dash, and other interior-exterior components)	460 295	7.61
	326140	Polystyrene foam product manufacturing	396 538	86.15
	326150	Urethane and other foam product (except polystyrene) manufacturing	5 902	1.28
	326199	All other plastics product manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	18 535	4.03
3261402		Packaging, polystyrene foam products	1 780 397	29.44
	326121	Unlaminated plastics profile shape manufacturing	19 045	1.07
	326140	Polystyrene foam product manufacturing	1 682 119	94.48
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3261403		Building and construction polystyrene foam products	1 041 660	17.22
	325211	Plastics material and resin manufacturing	D	S
	326140	Polystyrene foam product manufacturing	812 687	78.02
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332322	Sheet metal work manufacturing	D	S
3261404		Furniture and furnishings polystyrene foam products	33 313	.55
	326140	Polystyrene foam product manufacturing	31 832	95.55
3261405		Consumer and institutional polystyrene foam products	2 151 620	35.57
	322215	Nonfolding sanitary food container manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	2 012 418	93.53
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326199	All other plastics product manufacturing	57 230	2.66
3261406		Miscellaneous polystyrene foam products	295 385	4.88
	326140	Polystyrene foam product manufacturing	285 899	96.79
326140W		Polystyrene foam product manufacturing, nsk, total	285 871	4.73
	322211	Corrugated and solid fiber box manufacturing	5 502	1.92

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326140		Polystyrene foam product manufacturing—Con.		
326140W		Polystyrene foam product manufacturing, nsk, total—Con.		
	326140	Polystyrene foam product manufacturing	277 024	96.91
326150		Urethane and other foam product (except polystyrene) manufacturing	6 694 217	100.00
	322211	Corrugated and solid fiber box manufacturing	22 363	.33
	325211	Plastics material and resin manufacturing	D	S
	325520	Adhesive manufacturing	D	S
	326111	Plastics bag manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	33 234	.50
	326150	Urethane and other foam product (except polystyrene) manufacturing	6 388 048	95.43
	326199	All other plastics product manufacturing	88 289	1.32
	326291	Rubber product manufacturing for mechanical use	D	S
	326299	All other rubber product manufacturing	10 844	.16
	332321	Metal window and door manufacturing	D	S
3261501		Transportation polyurethane foam products	1 551 815	23.18
	325520	Adhesive manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	1 530 873	98.65
3261502		Packaging polyurethane foam products	365 549	5.46
	326140	Polystyrene foam product manufacturing	6 433	.176
	326150	Urethane and other foam product (except polystyrene) manufacturing	346 894	94.90
3261503		Building and construction polyurethane foam	479 721	7.17
	326140	Polystyrene foam product manufacturing	16 791	3.50
	326150	Urethane and other foam product (except polystyrene) manufacturing	447 590	93.30
3261504		Furniture and furnishings polyurethane foam products	2 550 631	38.10
	326150	Urethane and other foam product (except polystyrene) manufacturing	2 540 421	99.60
3261505		Consumer and institutional polyurethane foam products	262 723	3.92
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	182 745	69.56
	326199	All other plastics product manufacturing	48 508	18.46
	326291	Rubber product manufacturing for mechanical use	D	S
3261506		All other miscellaneous polyurethane foam products	392 442	5.86
	326150	Urethane and other foam product (except polystyrene) manufacturing	384 935	98.09
	326199	All other plastics product manufacturing	5 049	1.29
3261509		Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	811 476	12.12
	325211	Plastics material and resin manufacturing	D	S
	326111	Plastics bag manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326140	Polystyrene foam product manufacturing	6 062	.75
	326150	Urethane and other foam product (except polystyrene) manufacturing	701 177	86.41
	326199	All other plastics product manufacturing	29 103	3.59
	332321	Metal window and door manufacturing	D	S
326150W		Urethane and other foam product (except polystyrene) manufacturing, nsk, total	279 860	4.18
	322211	Corrugated and solid fiber box manufacturing	20 280	7.24
	326150	Urethane and other foam product (except polystyrene) manufacturing	253 413	90.55
326160		Plastics bottle manufacturing	7 955 605	100.00
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	322291	Sanitary paper product manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326160	Plastics bottle manufacturing	7 658 874	96.27
	326199	All other plastics product manufacturing	70 974	.89
	326299	All other rubber product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
3261600		Plastics bottles	7 955 605	100.00
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	322291	Sanitary paper product manufacturing	D	S
	325211	Plastics material and resin manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326160	Plastics bottle manufacturing	7 658 874	96.27
	326199	All other plastics product manufacturing	70 974	.89
	326299	All other rubber product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
326191		Plastics plumbing fixture manufacturing	3 123 100	100.00
	325199	All other basic organic chemical manufacturing	D	S
	326191	Plastics plumbing fixture manufacturing	2 849 743	91.25
	326199	All other plastics product manufacturing	90 327	2.89
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	D	S
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	332998	Enameled iron and metal sanitary ware manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
3261910		Plastics plumbing fixtures	3 123 100	100.00
	325199	All other basic organic chemical manufacturing	D	S
	326191	Plastics plumbing fixture manufacturing	2 849 743	91.25
	326199	All other plastics product manufacturing	90 327	2.89
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	D	S
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	332998	Enameled iron and metal sanitary ware manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
326192		Resilient floor covering manufacturing	1 584 637	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326192	Resilient floor covering manufacturing	D	S
	326299	All other rubber product manufacturing	35 404	2.23
	327910	Abrasive product manufacturing	D	S
3261920		Resilient floor coverings	1 584 637	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326192	Resilient floor covering manufacturing	D	S
	326299	All other rubber product manufacturing	35 404	2.23
	327910	Abrasive product manufacturing	D	S
326199		All other plastics product manufacturing	69 824 496	100.00
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	314991	Rope, cordage, and twine mills	D	S
	314999	All other miscellaneous textile product mills	13 303	.02
	321219	Reconstituted wood product manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326199		All other plastics product manufacturing—Con.		
	321911	Wood window and door manufacturing	85 376	.12
	321918	Other millwork (including flooring)	36 560	.05
	321999	All other miscellaneous wood product manufacturing	118 974	.17
	322130	Paperboard mills	D	S
	322211	Corrugated and solid fiber box manufacturing	42 547	.06
	322212	Folding paperboard box manufacturing	32 514	.05
	322215	Nonfolding sanitary food container manufacturing	152 083	.22
	322222	Coated and laminated paper manufacturing	112 856	.16
	322232	Envelope manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	322299	All other converted paper product manufacturing	49 535	.07
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	325211	Plastics material and resin manufacturing	23 328	.03
	325413	In-vitro diagnostic substance manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	325991	Custom compounding of purchased resins	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	5 194	.01
	326111	Plastics bag manufacturing	68 824	.10
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	53 349	.08
	326121	Unlaminated plastics profile shape manufacturing	57 124	.08
	326122	Plastics pipe and pipe fitting manufacturing	86 235	.12
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	17 506	.03
	326140	Polystyrene foam product manufacturing	177 357	.25
	326150	Urethane and other foam product (except polystyrene) manufacturing	54 026	.08
	326160	Plastics bottle manufacturing	140 635	.20
	326191	Plastics plumbing fixture manufacturing	18 189	.03
	326192	Resilient floor covering manufacturing	D	S
	326199	All other plastics product manufacturing	66 548 543	95.31
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	17 151	.02
	326299	All other rubber product manufacturing	33 383	.05
	327215	Glass product manufacturing made of purchased glass	26 767	.04
	327910	Abrasive product manufacturing	D	S
	327991	Cut stone and stone product manufacturing	16 087	.02
	331316	Aluminum extruded product manufacturing	D	S
	332116	Metal stamping	14 549	.02
	332212	Hand and edge tool manufacturing	11 934	.02
	332214	Kitchen utensil, pot, and pan manufacturing	D	S
	332321	Metal window and door manufacturing	174 183	.25
	332322	Sheet metal work manufacturing	75 683	.11
	332323	Ornamental and architectural metal work manufacturing	12 035	.02
	332410	Power boiler and heat exchanger manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	17 251	.02
	332431	Metal can manufacturing	D	S
	332439	Other metal container manufacturing	17 960	.03
	332510	Hardware manufacturing	D	S
	332710	Machine shops	16 819	.02
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	8 942	.01
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	230 412	.33
	333120	Construction machinery manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	6 269	.01
	333511	Industrial mold manufacturing	54 643	.08
	334119	Other computer peripheral equipment manufacturing	D	S
	334419	Other electronic component manufacturing	7 047	.01
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	5 974	.01
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	336370	Motor vehicle metal stamping	9 805	.01
	336399	All other motor vehicle parts manufacturing	11 614	.02
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
	336612	Boat building	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	94 326	.14
	337215	Showcase, partition, shelving, and locker manufacturing	30 153	.04
	339112	Surgical and medical instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339920	Sporting and athletic goods manufacturing	17 669	.03
	339932	Game, toy, and children's vehicle manufacturing	8 367	.01
	339950	Sign manufacturing	45 044	.06
	339991	Gasket, packing, and sealing device manufacturing	29 483	.04
	339994	Broom, brush, and mop manufacturing	D	S
	339999	All other miscellaneous manufacturing	30 233	.04
3261991		Transportation fabricated plastics products (excluding foam and reinforced plastics)	14 669 472	21.01
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	7 565	.05
	326122	Plastics pipe and pipe fitting manufacturing	7 041	.05
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326191	Plastics plumbing fixture manufacturing	D	S
	326199	All other plastics product manufacturing	14 425 705	98.34
	333511	Industrial mold manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
	336399	All other motor vehicle parts manufacturing	7 447	.05
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	8 298	.06

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326199		All other plastics product manufacturing—Con.		
3261991		Transportation fabricated plastics products (excluding foam and reinforced plastics)—Con.		
	339991	Gasket, packing, and sealing device manufacturing	D	S
3261992		Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	4 545 092	6.51
	321999	All other miscellaneous wood product manufacturing	D	S
	322222	Coated and laminated paper manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	326199	All other plastics product manufacturing	4 438 359	97.65
	326291	Rubber product manufacturing for mechanical use	D	S
	333511	Industrial mold manufacturing	5 386	.12
3261993		Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	1 378 344	1.97
	326199	All other plastics product manufacturing	1 293 391	93.84
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	326299	All other rubber product manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	D	S
	332710	Machine shops	6 197	.45
	333511	Industrial mold manufacturing	8 737	.63
3261994		Plastics packaging (excluding film and sheet, foam, and bottles)	8 943 923	12.81
	321999	All other miscellaneous wood product manufacturing	D	S
	322211	Corrugated and solid fiber box manufacturing	38 211	.43
	322212	Folding paperboard box manufacturing	24 829	.28
	322215	Nonfolding sanitary food container manufacturing	D	S
	326111	Plastics bag manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326160	Plastics bottle manufacturing	61 179	.68
	326199	All other plastics product manufacturing	8 665 722	96.89
	327215	Glass product manufacturing made of purchased glass	D	S
	332431	Metal can manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3261995		Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	2 162 649	3.10
	322215	Nonfolding sanitary food container manufacturing	D	S
	326111	Plastics bag manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326199	All other plastics product manufacturing	1 926 851	89.10
	326299	All other rubber product manufacturing	D	S
	332214	Kitchen utensil, pot, and pan manufacturing	D	S
3261998		Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	9 310 824	13.33
	321219	Reconstituted wood product manufacturing	D	S
	321911	Wood window and door manufacturing	85 376	.92
	321918	Other millwork (including flooring)	35 905	.39
	325199	All other basic organic chemical manufacturing	D	S
	325991	Custom compounding of purchased resins	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326122	Plastics pipe and pipe fitting manufacturing	55 221	.59
	326191	Plastics plumbing fixture manufacturing	8 707	.09
	326192	Resilient floor covering manufacturing	D	S
	326199	All other plastics product manufacturing	8 638 911	92.78
	327215	Glass product manufacturing made of purchased glass	5 970	.06
	327991	Cut stone and stone product manufacturing	14 185	.15
	331316	Aluminum extruded product manufacturing	D	S
	332321	Metal window and door manufacturing	160 466	1.72
	332322	Sheet metal work manufacturing	65 045	.70
	332919	Other metal valve and pipe fitting manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	5 172	.06
3261999		Plastics shoe products, including taps, soles, slabs, and quarterlinings	145 974	.21
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	326199	All other plastics product manufacturing	135 790	93.02
326199A		All other reinforced and fiberglass plastics products	5 319 197	7.62
	314991	Rope, cordage, and twine mills	D	S
	322222	Coated and laminated paper manufacturing	D	S
	324122	Asphalt shingle and coating materials manufacturing	D	S
	325211	Plastics material and resin manufacturing	19 747	.37
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	13 841	.26
	326199	All other plastics product manufacturing	4 879 237	91.73
	332321	Metal window and door manufacturing	13 620	.26
	332323	Ornamental and architectural metal work manufacturing	D	S
	332410	Power boiler and heat exchanger manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	6 886	.13
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	189 533	3.56
	334119	Other computer peripheral equipment manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	336612	Boat building	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	16 256 051	23.28
	311941	Mayonnaise, dressing, and other prepared sauce manufacturing	D	S
	314999	All other miscellaneous textile product mills	10 979	.07
	321999	All other miscellaneous wood product manufacturing	84 188	.52
	322130	Paperboard mills	D	S
	322212	Folding paperboard box manufacturing	5 701	.04
	322215	Nonfolding sanitary food container manufacturing	D	S
	322222	Coated and laminated paper manufacturing	D	S
	322291	Sanitary paper product manufacturing	D	S
	322299	All other converted paper product manufacturing	D	S
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326199		All other plastics product manufacturing—Con.		
326199B		Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)—Con.		
	325413	In-vitro diagnostic substance manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	18 530	.11
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326140	Polystyrene foam product manufacturing	D	S
	326150	Urethane and other foam product (except polystyrene) manufacturing	7 208	.04
	326160	Plastics bottle manufacturing	D	S
	326199	All other plastics product manufacturing	15 149 568	93.19
	326291	Rubber product manufacturing for mechanical use	D	S
	326299	All other rubber product manufacturing	7 429	.05
	327910	Abrasive product manufacturing	D	S
	332116	Metal stamping	D	S
	332322	Sheet metal work manufacturing	D	S
	332439	Other metal container manufacturing	15 812	.10
	332510	Hardware manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	25 289	.16
	333511	Industrial mold manufacturing	24 772	.15
	337215	Showcase, partition, shelving, and locker manufacturing	12 344	.08
	339112	Surgical and medical instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339920	Sporting and athletic goods manufacturing	12 273	.08
	339932	Game, toy, and children's vehicle manufacturing	5 259	.03
	339950	Sign manufacturing	31 507	.19
	339991	Gasket, packing, and sealing device manufacturing	5 183	.03
	339994	Broom, brush, and mop manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
326199W		All other plastics product manufacturing, nsk, total	7 092 970	10.16
	321999	All other miscellaneous wood product manufacturing	D	S
	322222	Coated and laminated paper manufacturing	20 256	.29
	322232	Envelope manufacturing	D	S
	322299	All other converted paper product manufacturing	14 803	.21
	326199	All other plastics product manufacturing	6 995 009	98.62
	332212	Hand and edge tool manufacturing	10 424	.15
326211		Tire manufacturing (except retreading)	12 775 583	100.00
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326211	Tire manufacturing (except retreading)	12 731 197	99.65
	326212	Tire retreading	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
3262111		Passenger car pneumatic tires (casings)	6 240 162	48.84
	326211	Tire manufacturing (except retreading)	6 238 469	99.97
3262113		Truck and bus (including off-the-highway pneumatic tires)	4 440 885	34.76
	326211	Tire manufacturing (except retreading)	4 440 394	99.99
3262117		Tractor and implement (farm and industrial) pneumatic tires	492 224	3.85
	326211	Tire manufacturing (except retreading)	492 224	100.00
3262119		Industrial and utility pneumatic tires (including garden)	234 814	1.84
	326211	Tire manufacturing (except retreading)	232 378	98.96
326211B		Other pneumatic tires and casing including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home	237 739	1.86
	326211	Tire manufacturing (except retreading)	234 990	98.84
326211D		Solid and semipneumatic tires	D	S
	326211	Tire manufacturing (except retreading)	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
326211F		Inner tubes	D	S
	326211	Tire manufacturing (except retreading)	D	S
326211H		Tread rubber, tire sundries, and repair materials	721 242	5.65
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326211	Tire manufacturing (except retreading)	691 288	95.85
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
326211W		Tires manufacturing (except retreading), nsk, total	158 334	1.24
	326211	Tire manufacturing (except retreading)	158 334	100.00
326212		Tire retreading	861 986	100.00
	326211	Tire manufacturing (except retreading)	D	S
	326212	Tire retreading	D	S
3262120		Tire rebuilding and retreading	861 986	100.00
	326211	Tire manufacturing (except retreading)	D	S
	326212	Tire retreading	D	S
326220		Rubber and plastics hoses and belting manufacturing	3 851 743	100.00
	313320	Fabric coating mills	D	S
	325991	Custom compounding of purchased resins	D	S
	326220	Rubber and plastics hoses and belting manufacturing	3 640 544	94.52
	326291	Rubber product manufacturing for mechanical use	84 004	2.18
	332996	Fabricated pipe and pipe fitting manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3262201		Flat rubber and plastics belts and belting	645 137	16.75
	326220	Rubber and plastics hoses and belting manufacturing	617 431	95.71
	332996	Fabricated pipe and pipe fitting manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	D	S
3262202		Rubber and plastics transmission belts and belting other than flat	768 744	19.96
	313320	Fabric coating mills	D	S
	326220	Rubber and plastics hoses and belting manufacturing	746 607	97.12
	326291	Rubber product manufacturing for mechanical use	D	S
3262203		Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	815 351	21.17
	326220	Rubber and plastics hoses and belting manufacturing	702 435	86.15
	326291	Rubber product manufacturing for mechanical use	D	S
	336399	All other motor vehicle parts manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326220		Rubber and plastics hoses and belting manufacturing—Con.		
3262204		Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose)	530 784	13.78
	326220	Rubber and plastics hoses and belting manufacturing	526 185	99.13
3262205		Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	149 411	3.88
	326220	Rubber and plastics hoses and belting manufacturing	145 280	97.24
3262206		Rubber and plastics garden hose (with or without fittings)	D	S
	325991	Custom compounding of purchased resins	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S
3262207		Rubber and plastics inner tube type air hose (other than pneumatic power transfer)	97 928	2.54
	326220	Rubber and plastics hoses and belting manufacturing	93 241	95.21
3262208		All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.)	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S
326220W		Rubber and plastics hoses and belting manufacturing, nsk, total	163 029	4.23
	326220	Rubber and plastics hoses and belting manufacturing	162 361	99.59
326291		Rubber product manufacturing for mechanical use	7 076 010	100.00
	326199	All other plastics product manufacturing	53 067	.75
	326220	Rubber and plastics hoses and belting manufacturing	19 245	.27
	326291	Rubber product manufacturing for mechanical use	6 725 980	95.05
	326299	All other rubber product manufacturing	138 817	1.96
	327215	Glass product manufacturing made of purchased glass	D	S
	332312	Fabricated structural metal manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	95 931	1.36
3262911		Molded rubber mechanical goods automotive	3 322 346	46.95
	326199	All other plastics product manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	3 210 417	96.63
	326299	All other rubber product manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	39 972	1.20
3262912		Molded rubber mechanical goods, transportation (excluding automotive) and off-highway machinery and equipment	624 232	8.82
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	558 747	89.51
	326299	All other rubber product manufacturing	26 316	4.22
	339991	Gasket, packing, and sealing device manufacturing	D	S
3262913		Other molded rubber mechanical goods	1 067 847	15.09
	326291	Rubber product manufacturing for mechanical use	979 552	91.73
	326299	All other rubber product manufacturing	42 273	3.96
	332312	Fabricated structural metal manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3262914		Extruded rubber mechanical goods, automotive, excluding tubing	1 116 982	15.79
	326291	Rubber product manufacturing for mechanical use	1 102 947	98.74
	326299	All other rubber product manufacturing	10 387	.93
3262915		Other extruded rubber mechanical goods (excluding automotive)	422 708	5.97
	326291	Rubber product manufacturing for mechanical use	363 554	86.01
	326299	All other rubber product manufacturing	31 114	7.36
	332312	Fabricated structural metal manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3262916		Lathe-cut rubber mechanical goods, automotive and transportation (including on- and off-road, and gasoline and diesel equipment)	53 607	.76
	326291	Rubber product manufacturing for mechanical use	52 803	98.50
3262917		Other lathe-cut rubber mechanical goods (excluding automotive and transportation)	84 208	1.19
	326291	Rubber product manufacturing for mechanical use	79 115	93.95
326291W		Rubber product manufacturing for mechanical use, nsk, total	384 080	5.43
	326291	Rubber product manufacturing for mechanical use	378 845	98.64
326299		All other rubber product manufacturing	6 368 884	100.00
	313230	Nonwoven fabric mills	D	S
	322222	Coated and laminated paper manufacturing	35 904	.56
	325520	Adhesive manufacturing	D	S
	325910	Printing ink manufacturing	8 361	.13
	325991	Custom compounding of purchased resins	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	40 348	.63
	326211	Tire manufacturing (except retreading)	203 096	3.19
	326220	Rubber and plastics hoses and belting manufacturing	60 508	.95
	326291	Rubber product manufacturing for mechanical use	200 604	3.15
	326299	All other rubber product manufacturing	5 564 053	87.36
	333132	Oil and gas field machinery and equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	15 826	.25
	336510	Railroad rolling stock manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	11 112	.17
	339991	Gasket, packing, and sealing device manufacturing	40 048	.63
3262991		Rubber sponge, expanded and foam rubber products	802 162	12.60
	326291	Rubber product manufacturing for mechanical use	16 044	2.00
	326299	All other rubber product manufacturing	771 476	96.17
3262993		Rubber floor and wall coverings	714 747	11.22
	325991	Custom compounding of purchased resins	D	S
	326291	Rubber product manufacturing for mechanical use	15 708	2.20
	326299	All other rubber product manufacturing	661 009	92.48
	336399	All other motor vehicle parts manufacturing	D	S
3262994		Shoe products, rubber, elastomer resin	75 309	1.18
	326299	All other rubber product manufacturing	75 241	99.91
3262996		Rubber compounds or mixtures for sale or interplant transfer	1 766 649	27.74
	326211	Tire manufacturing (except retreading)	195 006	11.04
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	139 339	7.89
	326299	All other rubber product manufacturing	1 352 071	76.53
	339991	Gasket, packing, and sealing device manufacturing	D	S
3262997		All other industrial rubber products	1 308 403	20.54
	313230	Nonwoven fabric mills	D	S
	322222	Coated and laminated paper manufacturing	32 336	2.47
	325910	Printing ink manufacturing	8 361	.64
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
326299		All other rubber product manufacturing—Con.		
3262997		All other industrial rubber products—Con.		
	326220	Rubber and plastics hoses and belting manufacturing	6 777	.52
	326291	Rubber product manufacturing for mechanical use	22 246	1.70
	326299	All other rubber product manufacturing	1 105 496	84.49
	333132	Oil and gas field machinery and equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336510	Railroad rolling stock manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	10 584	.81
326299A		Rubber druggist and medical sundries, excluding household gloves	468 672	7.36
	326299	All other rubber product manufacturing	462 064	98.59
326299B		All other miscellaneous rubber goods	622 848	9.78
	325520	Adhesive manufacturing	D	S
	326199	All other plastics product manufacturing	34 636	5.56
	326291	Rubber product manufacturing for mechanical use	6 287	1.01
	326299	All other rubber product manufacturing	529 784	85.06
	339112	Surgical and medical instrument manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
326299W		All other rubber product manufacturing, nsk, total	610 094	9.58
	326299	All other rubber product manufacturing	606 912	99.48
327111		Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing		
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	979 448	100.00
3271110		Vitreous plumbing fixtures	979 448	100.00
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	979 448	100.00
327112		Vitreous china, fine earthenware, and other pottery product manufacturing	928 607	100.00
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	D	S
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	880 983	94.87
	327113	Porcelain electrical supply manufacturing	D	S
	332998	Enameled iron and metal sanitary ware manufacturing	D	S
3271121		Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)	327 599	35.28
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	D	S
	332998	Enameled iron and metal sanitary ware manufacturing	D	S
3271125		All other pottery products (including china decorated for the trade)	529 438	57.01
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	D	S
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	D	S
	327113	Porcelain electrical supply manufacturing	D	S
327112W		Vitreous china, fine earthenware, and other pottery product manufacturing, nsk, total	71 570	7.71
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	71 570	100.00
327113		Porcelain electrical supply manufacturing	1 023 124	100.00
	327113	Porcelain electrical supply manufacturing	D	S
	331112	Electrometallurgical ferroalloy product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	14 118	1.38
3271130		Porcelain, steatite, and other ceramic electrical products	1 023 124	100.00
	327113	Porcelain electrical supply manufacturing	D	S
	331112	Electrometallurgical ferroalloy product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	14 118	1.38
327121		Brick and structural clay tile manufacturing	1 767 367	100.00
	327121	Brick and structural clay tile manufacturing	D	S
	327123	Other structural clay product manufacturing	D	S
3271210		Brick and structural clay tile	1 767 367	100.00
	327121	Brick and structural clay tile manufacturing	D	S
	327123	Other structural clay product manufacturing	D	S
327122		Ceramic wall and floor tile manufacturing	D	S
	327122	Ceramic wall and floor tile manufacturing	D	S
3271220		Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile)	D	S
	327122	Ceramic wall and floor tile manufacturing	D	S
327123		Other structural clay product manufacturing	191 380	100.00
	327123	Other structural clay product manufacturing	D	S
	327124	Clay refractory manufacturing	D	S
	327999	All other miscellaneous nonmetallic mineral product manufacturing	D	S
3271231		Vitrified clay sewer pipe and fittings	D	S
	327123	Other structural clay product manufacturing	D	S
3271234		All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	136 443	71.29
	327123	Other structural clay product manufacturing	D	S
	327124	Clay refractory manufacturing	D	S
	327999	All other miscellaneous nonmetallic mineral product manufacturing	D	S
327124		Clay refractory manufacturing	844 122	100.00
	327124	Clay refractory manufacturing	794 162	94.08
	327125	Nonclay refractory manufacturing	44 519	5.27
3271240		Clay refractories	844 122	100.00
	327124	Clay refractory manufacturing	794 162	94.08
	327125	Nonclay refractory manufacturing	44 519	5.27
327125		Nonclay refractory manufacturing	995 497	100.00
	327124	Clay refractory manufacturing	D	S
	327125	Nonclay refractory manufacturing	919 035	92.32
	327410	Lime manufacturing	D	S
	327992	Ground or treated mineral and earth manufacturing	D	S
	331312	Primary aluminum production	D	S
3271250		Nonclay refractories (except dead-burned magnesia)	995 497	100.00
	327124	Clay refractory manufacturing	D	S
	327125	Nonclay refractory manufacturing	919 035	92.32
	327410	Lime manufacturing	D	S
	327992	Ground or treated mineral and earth manufacturing	D	S
	331312	Primary aluminum production	D	S
327211		Flat glass manufacturing	2 690 928	100.00
	327211	Flat glass manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
3272111		Flat glass (float, sheet, and plate process), made by flat glass producers	D	S
	327211	Flat glass manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
327211		Flat glass manufacturing—Con.		
3272114		Other glass products, made by flat glass producers	D	S
	327211	Flat glass manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
327212		Other pressed and blown glass and glassware manufacturing	4 708 157	100.00
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	327113	Porcelain electrical supply manufacturing	D	S
	327211	Flat glass manufacturing	D	S
	327212	Other pressed and blown glass and glassware manufacturing	4 578 417	97.24
	327213	Glass container manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	10 997	.23
	327993	Mineral wool manufacturing	D	S
3272121		Glass fiber mat, textile-type, made by establishments producing glass	1 489 084	31.63
	327212	Other pressed and blown glass and glassware manufacturing	1 489 084	100.00
3272123		Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	970 555	20.61
	327211	Flat glass manufacturing	D	S
	327212	Other pressed and blown glass and glassware manufacturing	948 476	97.73
	327213	Glass container manufacturing	D	S
3272125		Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	1 280 417	27.20
	327212	Other pressed and blown glass and glassware manufacturing	1 276 684	99.71
3272127		All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	629 964	13.38
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	327113	Porcelain electrical supply manufacturing	D	S
	327212	Other pressed and blown glass and glassware manufacturing	528 060	83.82
	327993	Mineral wool manufacturing	D	S
3272129		Handmade pressed and blown glassware, made by glass producers	118 784	2.52
	327212	Other pressed and blown glass and glassware manufacturing	116 780	98.31
327212W		Other pressed and blown glass and glassware manufacturing, nsk, total	219 353	4.66
	327212	Other pressed and blown glass and glassware manufacturing	219 333	99.99
327213		Glass container manufacturing	4 344 817	100.00
	327213	Glass container manufacturing	D	S
3272130		Glass containers	4 344 817	100.00
	327213	Glass container manufacturing	D	S
327215		Glass product manufacturing made of purchased glass	10 409 238	100.00
	324122	Asphalt shingle and coating materials manufacturing	D	S
	326199	All other plastics product manufacturing	11 172	.11
	327212	Other pressed and blown glass and glassware manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	10 003 139	96.10
	332321	Metal window and door manufacturing	75 562	.73
	332323	Ornamental and architectural metal work manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	335929	Other communication and energy wire manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	D	S
	337122	Nonupholstered wood household furniture manufacturing	85 844	.82
	337215	Showcase, partition, shelving, and locker manufacturing	5 894	.06
	339112	Surgical and medical instrument manufacturing	D	S
3272151		Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass	654 251	6.29
	327215	Glass product manufacturing made of purchased glass	654 163	99.99
3272153		All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass	854 671	8.21
	327215	Glass product manufacturing made of purchased glass	788 285	92.23
	339112	Surgical and medical instrument manufacturing	D	S
3272155		Handmade pressed and blown glassware, made from purchased glass	134 678	1.29
	327215	Glass product manufacturing made of purchased glass	131 518	97.65
3272159		Mirrors (decorated and undecorated), made from purchased glass	1 483 181	14.25
	327215	Glass product manufacturing made of purchased glass	1 290 261	86.99
	332321	Metal window and door manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	D	S
	337122	Nonupholstered wood household furniture manufacturing	82 728	5.58
327215B		Other glass products, made from purchased glass	6 478 890	62.24
	324122	Asphalt shingle and coating materials manufacturing	D	S
	326199	All other plastics product manufacturing	8 975	.14
	327215	Glass product manufacturing made of purchased glass	6 350 767	98.02
	332321	Metal window and door manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	335929	Other communication and energy wire manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	5 379	.08
327215W		Glass product manufacturing made of purchased glass, nsk, total	803 567	7.72
	327215	Glass product manufacturing made of purchased glass	788 145	98.08
	332321	Metal window and door manufacturing	5 735	.71
327310		Cement manufacturing	7 206 346	100.00
	327310	Cement manufacturing	7 155 997	99.30
	327320	Ready-mix concrete manufacturing	D	S
	327420	Gypsum product manufacturing	D	S
	327999	All other miscellaneous nonmetallic mineral product manufacturing	9 927	.14
3273100		Cement, hydraulic (including cost of shipping containers)	7 206 346	100.00
	327310	Cement manufacturing	7 155 997	99.30
	327320	Ready-mix concrete manufacturing	D	S
	327420	Gypsum product manufacturing	D	S
	327999	All other miscellaneous nonmetallic mineral product manufacturing	9 927	.14
327320		Ready-mix concrete manufacturing	20 435 118	100.00
	212312	Crushed and broken limestone mining and quarrying	17 583	.09
	212319	Other crushed and broken stone mining and quarrying	D	S
	212321	Construction sand and gravel mining	D	S
	324121	Asphalt paving mixture and block manufacturing	52 135	.26
	327320	Ready-mix concrete manufacturing	20 144 863	98.58
	327331	Concrete block and brick manufacturing	95 643	.47
	327332	Concrete pipe manufacturing	D	S
	327390	Other concrete product manufacturing	43 216	.21
	327999	All other miscellaneous nonmetallic mineral product manufacturing	33 218	.16

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
327320		Ready-mix concrete manufacturing—Con.		
3273200		Ready-mix concrete	20 435 118	100.00
	212312	Crushed and broken limestone mining and quarrying	17 583	.09
	212319	Other crushed and broken stone mining and quarrying	D	S
	212321	Construction sand and gravel mining	D	S
	324121	Asphalt paving mixture and block manufacturing	52 135	.26
	327320	Ready-mix concrete manufacturing	20 144 863	98.58
	327331	Concrete block and brick manufacturing	95 643	.47
	327332	Concrete pipe manufacturing	D	S
	327390	Other concrete product manufacturing	43 216	.21
	327999	All other miscellaneous nonmetallic mineral product manufacturing	33 218	.16
327331		Concrete block and brick manufacturing	3 425 977	100.00
	327121	Brick and structural clay tile manufacturing	D	S
	327320	Ready-mix concrete manufacturing	145 780	4.26
	327331	Concrete block and brick manufacturing	3 178 737	92.78
	327332	Concrete pipe manufacturing	D	S
	327390	Other concrete product manufacturing	32 279	.94
	327999	All other miscellaneous nonmetallic mineral product manufacturing	30 689	.90
3273310		Concrete block and brick	3 425 977	100.00
	327121	Brick and structural clay tile manufacturing	D	S
	327320	Ready-mix concrete manufacturing	145 780	4.26
	327331	Concrete block and brick manufacturing	3 178 737	92.78
	327332	Concrete pipe manufacturing	D	S
	327390	Other concrete product manufacturing	32 279	.94
	327999	All other miscellaneous nonmetallic mineral product manufacturing	30 689	.90
327332		Concrete pipe manufacturing	2 352 738	100.00
	327320	Ready-mix concrete manufacturing	D	S
	327331	Concrete block and brick manufacturing	D	S
	327332	Concrete pipe manufacturing	2 240 055	95.21
	327390	Other concrete product manufacturing	96 701	4.11
3273320		Concrete pipe	2 352 738	100.00
	327320	Ready-mix concrete manufacturing	D	S
	327331	Concrete block and brick manufacturing	D	S
	327332	Concrete pipe manufacturing	2 240 055	95.21
	327390	Other concrete product manufacturing	96 701	4.11
327390		Other concrete product manufacturing	8 394 911	100.00
	321992	Prefabricated wood building manufacturing	D	S
	326199	All other plastics product manufacturing	10 748	.13
	327320	Ready-mix concrete manufacturing	43 551	.52
	327331	Concrete block and brick manufacturing	42 180	.50
	327332	Concrete pipe manufacturing	159 362	1.90
	327390	Other concrete product manufacturing	8 097 006	96.45
	332311	Prefabricated metal building and component manufacturing	D	S
3273901		Precast concrete products	5 528 029	65.85
	321992	Prefabricated wood building manufacturing	D	S
	326199	All other plastics product manufacturing	10 748	.19
	327320	Ready-mix concrete manufacturing	31 842	.58
	327331	Concrete block and brick manufacturing	42 154	.76
	327332	Concrete pipe manufacturing	125 550	2.27
	327390	Other concrete product manufacturing	5 278 803	95.49
	332311	Prefabricated metal building and component manufacturing	D	S
3273904		Prestressed concrete products	1 532 844	18.26
	327320	Ready-mix concrete manufacturing	11 664	.76
	327332	Concrete pipe manufacturing	33 812	2.21
	327390	Other concrete product manufacturing	1 485 246	96.89
327390W		Other concrete product manufacturing, nsk, total	1 334 038	15.89
	327390	Other concrete product manufacturing	1 332 957	99.92
327410		Lime manufacturing	1 022 320	100.00
	212312	Crushed and broken limestone mining and quarrying	D	S
	327410	Lime manufacturing	943 844	92.32
	327420	Gypsum product manufacturing	D	S
3274100		Lime	1 022 320	100.00
	212312	Crushed and broken limestone mining and quarrying	D	S
	327410	Lime manufacturing	943 844	92.32
	327420	Gypsum product manufacturing	D	S
327420		Gypsum product manufacturing	3 914 118	100.00
	321219	Reconstituted wood product manufacturing	D	S
	325131	Inorganic dye and pigment manufacturing	D	S
	327310	Cement manufacturing	D	S
	327390	Other concrete product manufacturing	D	S
	327420	Gypsum product manufacturing	3 827 914	97.80
	334119	Other computer peripheral equipment manufacturing	D	S
3274201		Gypsum building materials	2 946 471	75.28
	321219	Reconstituted wood product manufacturing	D	S
	327310	Cement manufacturing	D	S
	327420	Gypsum product manufacturing	2 913 360	98.88
3274205		Other gypsum products	777 541	19.87
	325131	Inorganic dye and pigment manufacturing	D	S
	327390	Other concrete product manufacturing	D	S
	327420	Gypsum product manufacturing	724 667	93.20
	334119	Other computer peripheral equipment manufacturing	D	S
327420W		Gypsum product manufacturing, nsk, total	190 106	4.86
	327420	Gypsum product manufacturing	189 887	99.88
327910		Abrasive product manufacturing	3 367 704	100.00
	322222	Coated and laminated paper manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	327910	Abrasive product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333515	Cutting tool and machine tool accessory manufacturing	27 279	.81
	339994	Broom, brush, and mop manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
327910		Abrasive product manufacturing—Con.		
3279101		Nonmetallic sized grains, powders, and flour abrasives (including graded products only)	586 700	17.42
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	327910	Abrasive product manufacturing	D	S
3279104		Nonmetallic abrasive products (including diamond abrasives)	944 382	28.04
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	327910	Abrasive product manufacturing	860 541	91.12
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333515	Cutting tool and machine tool accessory manufacturing	27 189	2.88
	339994	Broom, brush, and mop manufacturing	D	S
3279107		Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	1 522 272	45.20
	322222	Coated and laminated paper manufacturing	D	S
	327910	Abrasive product manufacturing	1 492 729	98.06
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
327910A		Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives	130 499	3.88
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	327910	Abrasive product manufacturing	D	S
327910W		Abrasive product manufacturing, nsk, total	183 851	5.46
	327910	Abrasive product manufacturing	183 155	99.62
327991		Cut stone and stone product manufacturing	2 217 561	100.00
	212311	Dimension stone mining and quarrying	D	S
	212312	Crushed and broken limestone mining and quarrying	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	326191	Plastics plumbing fixture manufacturing	5 594	.25
	326199	All other plastics product manufacturing	21 971	.99
	327390	Other concrete stone product manufacturing	D	S
	327991	Cut stone and stone product manufacturing	2 091 978	94.34
	337110	Wood kitchen cabinet and countertop manufacturing	30 590	1.38
3279911		Dressed dimension granite (including gneiss, syenite, diorite, and cut granite)	888 290	40.06
	326199	All other plastics product manufacturing	D	S
	327390	Other concrete product manufacturing	D	S
	327991	Cut stone and stone product manufacturing	859 306	96.74
3279914		Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone)	280 974	12.67
	212311	Dimension stone mining and quarrying	D	S
	212312	Crushed and broken limestone mining and quarrying	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	327991	Cut stone and stone product manufacturing	235 282	83.74
3279917		Dressed dimension marble and other stone	407 453	18.37
	326199	All other plastics product manufacturing	D	S
	327991	Cut stone and stone product manufacturing	382 826	93.96
	337110	Wood kitchen cabinet and countertop manufacturing	8 851	2.17
327991W		Cut stone and stone product manufacturing, nsk, total	640 844	26.90
	326199	All other plastics product manufacturing	6 906	1.08
	327991	Cut stone and stone product manufacturing	614 564	95.90
	337110	Wood kitchen cabinet and countertop manufacturing	16 981	2.65
327992		Ground or treated mineral and earth manufacturing	1 997 116	100.00
	212325	Clay and ceramic and refractory minerals mining	7 668	.38
	327125	Nonclay refractory manufacturing	D	S
	327320	Ready-mix concrete manufacturing	11 123	.56
	327992	Ground or treated mineral and earth manufacturing	1 916 609	95.97
	333994	Industrial process furnace and oven manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3279920		Treated minerals and earths	1 997 116	100.00
	212325	Clay and ceramic and refractory minerals mining	7 668	.38
	327125	Nonclay refractory manufacturing	D	S
	327320	Ready-mix concrete manufacturing	11 123	.56
	327992	Ground or treated mineral and earth manufacturing	1 916 609	95.97
	333994	Industrial process furnace and oven manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
327993		Mineral wool manufacturing	4 727 995	100.00
	327993	Mineral wool manufacturing	D	S
	327999	All other miscellaneous nonmetallic mineral product manufacturing	D	S
3279931		Mineral wool for thermal and acoustical envelope insulation (for homes and commercial, and industrial buildings)	2 919 906	61.76
	327993	Mineral wool manufacturing	2 909 109	99.63
3279934		Mineral wool for industrial, equipment, and appliance insulation	1 392 508	29.45
	327993	Mineral wool manufacturing	D	S
	327999	All other miscellaneous nonmetallic mineral product manufacturing	D	S
327993W		Mineral wool manufacturing, nsk, total	415 581	8.79
	327993	Mineral wool manufacturing	415 581	100.00
327999		All other nonmetallic mineral product manufacturing	1 831 497	100.00
	324121	Asphalt paving mixture and block manufacturing	D	S
	327310	Cement manufacturing	D	S
	327320	Ready-mix concrete manufacturing	38 920	2.13
	327331	Concrete block and brick manufacturing	70 286	3.84
	327390	Other concrete product manufacturing	9 766	.53
	327999	All other miscellaneous nonmetallic mineral product manufacturing	1 658 529	90.56
	335929	Other communication and energy wire manufacturing	D	S
3279990		All other nonmetallic mineral products	1 831 497	100.00
	324121	Asphalt paving mixture and block manufacturing	D	S
	327310	Cement manufacturing	D	S
	327320	Ready-mix concrete manufacturing	38 920	2.13
	327331	Concrete block and brick manufacturing	70 286	3.84
	327390	Other concrete product manufacturing	9 766	.53
	327999	All other miscellaneous nonmetallic mineral product manufacturing	1 658 529	90.56
	335929	Other communication and energy wire manufacturing	D	S
331111		Iron and steel mills	44 006 583	100.00
	331111	Iron and steel mills	43 509 682	98.87
	331210	Iron and steel pipe and tube manufacturing from purchased steel	31 115	.07
	331221	Rolled steel shape manufacturing	299 693	.68
	331222	Steel wire drawing	10 567	.02
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332111	Iron and steel forging	D	S
	332114	Custom roll forming	D	S
	332312	Fabricated structural metal manufacturing	5 489	.01

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
331111		Iron and steel mills—Con.		
	332322	Sheet metal work manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	5 353	.01
	332410	Power boiler and heat exchanger manufacturing	D	S
	332510	Hardware manufacturing	D	S
	332710	Machine shops	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
3311111		Coke oven and blast furnace products, made in steel mills	947 986	2.15
	331111	Iron and steel mills	943 347	99.51
3311113		Steel ingots and semifinished shapes and forms, made in steel mills	3 521 492	8.00
	331111	Iron and steel mills	3 454 825	98.11
	331221	Rolled steel shape manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3311115		Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, template, and tin-free steel), made in steel mills	15 774 610	35.85
	331111	Iron and steel mills	15 518 111	98.37
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	331221	Rolled steel shape manufacturing	D	S
	332114	Custom roll forming	D	S
3311117		Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills	10 769 497	24.47
	331111	Iron and steel mills	10 716 473	99.51
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	331221	Rolled steel shape manufacturing	D	S
	332510	Hardware manufacturing	D	S
3311119		Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars	360 762	.82
	331111	Iron and steel mills	D	S
	331222	Steel wire drawing	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
331111B		Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	1 794 054	4.08
	331111	Iron and steel mills	1 751 747	97.64
	332111	Iron and steel forging	D	S
	332410	Power boiler and heat exchanger manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
331111D		Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip	9 254 089	21.03
	331111	Iron and steel mills	9 243 496	99.89
331111F		Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes	644 345	1.46
	331111	Iron and steel mills	643 018	99.79
331111H		Seamless rolled ring forgings, ferrous, made in steel mills	D	S
	331111	Iron and steel mills	D	S
331111J		Open die and smith forgings (hammer and press), ferrous, made in steel mills	D	S
	331111	Iron and steel mills	D	S
	332710	Machine shops	D	S
331111L		Other steel mill products, including steel rails, except wire products	552 733	1.26
	331111	Iron and steel mills	545 778	98.74
331111W		Iron and steel mills, nsk, total	123 470	.28
	331111	Iron and steel mills	122 207	98.98
331112		Electrometallurgical ferroalloy product manufacturing	814 749	100.00
	331112	Electrometallurgical ferroalloy product manufacturing	D	S
	331221	Rolled steel shape manufacturing	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
3311123		Ferrosilicon, including briquettes, and other silicon alloys	163 491	20.07
	331112	Electrometallurgical ferroalloy product manufacturing	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
3311125		Other ferroalloys	651 258	79.93
	331112	Electrometallurgical ferroalloy product manufacturing	D	S
	331221	Rolled steel shape manufacturing	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
331210		Iron and steel pipe and tube manufacturing from purchased steel	6 654 913	100.00
	331111	Iron and steel mills	746 356	11.22
	331210	Iron and steel pipe and tube manufacturing from purchased steel	5 615 242	84.38
	331511	Iron foundries	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	161 918	2.43
3312100		Iron and steel pipes and tubes, made from purchased iron and steel	6 654 913	100.00
	331111	Iron and steel mills	746 356	11.22
	331210	Iron and steel pipe and tube manufacturing from purchased steel	5 615 242	84.38
	331511	Iron foundries	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	161 918	2.43
331221		Rolled steel shape manufacturing	5 380 599	100.00
	331111	Iron and steel mills	784 821	14.59
	331221	Rolled steel shape manufacturing	4 521 273	84.03
	331222	Steel wire drawing	D	S
	331421	Copper rolling, drawing, and extruding	D	S
	332813	Electroplating, plating, polishing, anodizing, and coloring	D	S
3312211		Cold rolled steel sheet and strip, made from purchased steel	3 828 170	71.15
	331111	Iron and steel mills	D	S
	331221	Rolled steel shape manufacturing	3 069 723	80.19
	331421	Copper rolling, drawing, and extruding	D	S
	332813	Electroplating, plating, polishing, anodizing, and coloring	D	S
3312213		Cold finished steel bars and bar shapes, made from purchased steel	1 103 739	20.51
	331111	Iron and steel mills	D	S
	331221	Rolled steel shape manufacturing	1 009 914	91.50
	331222	Steel wire drawing	D	S
3312215		Iron and steel powders, paste, and flakes, made from purchased steel	396 588	7.37
	331221	Rolled steel shape manufacturing	389 537	98.22

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
331221		Rolled steel shape manufacturing—Con.		
331221W		Rolled steel shape manufacturing, nsk, total	52 102	.97
	331221	Rolled steel shape manufacturing	52 099	99.99
331222		Steel wire drawing	4 015 083	100.00
	331111	Iron and steel mills	195 798	4.88
	331221	Rolled steel shape manufacturing	D	S
	331222	Steel wire drawing	3 694 097	92.01
	331319	Other aluminum rolling and drawing	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	20 452	.51
	332212	Hand and edge tool manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	D	S
3312221		Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire	868 100	21.62
	331221	Rolled steel shape manufacturing	D	S
	331222	Steel wire drawing	D	S
3312223		Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire	297 119	7.40
	331111	Iron and steel mills	D	S
	331222	Steel wire drawing	223 404	75.19
	332212	Hand and edge tool manufacturing	D	S
3312225		Steel wires, including galvanized and other coated wire, made in plants that draw wire	1 654 791	41.21
	331111	Iron and steel mills	D	S
	331222	Steel wire drawing	1 572 749	95.04
	331319	Other aluminum rolling and drawing	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	18 232	1.10
	339994	Broom, brush, and mop manufacturing	D	S
3312227		Steel fencing and fence gates, made in plants that draw wire	292 751	7.29
	331111	Iron and steel mills	D	S
	331222	Steel wire drawing	D	S
3312229		Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire	62 598	1.56
	331111	Iron and steel mills	D	S
	331222	Steel wire drawing	43 273	69.13
	331319	Other aluminum rolling and drawing	D	S
331222B		Other ferrous wire products (excluding springs), made in plants that draw wire	680 911	16.96
	331111	Iron and steel mills	D	S
	331222	Steel wire drawing	D	S
331222W		Steel wire drawing, nsk, total	158 813	3.96
	331222	Steel wire drawing	157 560	99.21
331311		Alumina refining	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	331311	Alumina refining	D	S
3313110		Aluminum oxide, except natural alumina	D	S
	325188	All other basic inorganic chemical manufacturing	D	S
	331311	Alumina refining	D	S
331312		Primary aluminum production	4 914 793	100.00
	331312	Primary aluminum production	D	S
	331316	Aluminum extruded product manufacturing	D	S
3313120		Aluminum ingot, including billet, made in primary aluminum reduction plants	4 914 793	100.00
	331312	Primary aluminum production	D	S
	331316	Aluminum extruded product manufacturing	D	S
331314		Secondary smelting and alloying of aluminum	3 486 388	100.00
	331312	Primary aluminum production	D	S
	331314	Secondary smelting and alloying of aluminum	D	S
3313142		Aluminum ingot, including billet, made by secondary smelters	2 952 464	84.69
	331314	Secondary smelting and alloying of aluminum	2 948 155	99.85
3313145		Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	368 141	10.56
	331312	Primary aluminum production	D	S
	331314	Secondary smelting and alloying of aluminum	D	S
331314W		Secondary smelting and alloying of aluminum, nsk, total	165 783	4.76
	331314	Secondary smelting and alloying of aluminum	161 276	97.28
331315		Aluminum sheet, plate, and foil manufacturing	10 755 580	100.00
	322222	Coated and laminated paper manufacturing	D	S
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	331312	Primary aluminum production	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	10 599 324	98.55
	332996	Fabricated pipe and pipe fitting manufacturing	5 638	.05
	334310	Audio and video equipment manufacturing	D	S
3313151		Aluminum plate (thickness of 0.25 in. or more), including continuous cast	589 429	5.48
	331315	Aluminum sheet, plate, and foil manufacturing	588 029	99.76
3313153		Aluminum sheet and strip, including continuous cast	9 190 350	85.45
	322222	Coated and laminated paper manufacturing	D	S
	331312	Primary aluminum production	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	9 140 577	99.46
3313155		Plain aluminum foil (less than .006 in. thick)	792 980	7.37
	322225	Laminated aluminum foil manufacturing for flexible packaging uses	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	702 351	88.57
	334310	Audio and video equipment manufacturing	D	S
3313157		Aluminum welded tube	105 930	.98
	331315	Aluminum sheet, plate, and foil manufacturing	91 731	86.60
	332996	Fabricated pipe and pipe fitting manufacturing	5 638	5.32
331315W		Aluminum sheet, plate, and foil manufacturing, nsk, total	76 891	.71
	331315	Aluminum sheet, plate, and foil manufacturing	76 636	99.67
331316		Aluminum extruded product manufacturing	5 391 686	100.00
	331315	Aluminum sheet, plate, and foil manufacturing	5 055	.09
	331316	Aluminum extruded product manufacturing	5 187 574	96.21
	331319	Other aluminum rolling and drawing	D	S
	331421	Copper rolling, drawing, and extruding	D	S
	332321	Metal window and door manufacturing	47 121	.87
	332510	Hardware manufacturing	D	S
	339942	Lead pencil and art good manufacturing	D	S
3313161		Extruded aluminum rod, bar, and other extruded shapes	4 677 193	86.75
	331315	Aluminum sheet, plate, and foil manufacturing	5 055	.11
	331316	Aluminum extruded product manufacturing	4 491 158	96.02
	331319	Other aluminum rolling and drawing	D	S
	332321	Metal window and door manufacturing	47 121	1.01
	332510	Hardware manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
331316		Aluminum extruded product manufacturing—Con.		
3313163		Extruded and drawn aluminum tube	649 974	12.06
	331316	Aluminum extruded product manufacturing	632 084	97.25
	331421	Copper rolling, drawing, and extruding	D	S
	339942	Lead pencil and art good manufacturing	D	S
331316W		Aluminum extruded product manufacturing, nsk, total	64 519	1.20
	331316	Aluminum extruded product manufacturing	64 332	99.71
331319		Other aluminum rolling and drawing	1 441 186	100.00
	326199	All other plastics product manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	331316	Aluminum extruded product manufacturing	69 587	4.83
	331319	Other aluminum rolling and drawing	1 071 073	74.32
	331421	Copper rolling, drawing, and extruding	17 152	1.19
	331422	Copper wire (except mechanical) drawing	158 153	10.97
	335929	Other communication and energy wire manufacturing	71 571	4.97
3313192		Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	379 475	26.33
	331316	Aluminum extruded product manufacturing	D	S
	331319	Other aluminum rolling and drawing	229 432	60.46
	331421	Copper rolling, drawing, and extruding	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	335929	Other communication and energy wire manufacturing	63 705	16.79
3313193		Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	172 004	11.93
	331319	Other aluminum rolling and drawing	171 451	99.68
331319D		Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	304 344	21.12
	326199	All other plastics product manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	331316	Aluminum extruded product manufacturing	D	S
	331319	Other aluminum rolling and drawing	D	S
331319E		Aluminum insulated wire and cable	476 064	33.03
	331319	Other aluminum rolling and drawing	351 496	73.83
	331422	Copper wire (except mechanical) drawing	D	S
	335929	Other communication and energy wire manufacturing	D	S
331319W		Other aluminum rolling and drawing, nsk, total	109 299	7.58
	331319	Other aluminum rolling and drawing	D	S
	331421	Copper rolling, drawing, and extruding	D	S
331411		Primary smelting and refining of copper	2 212 133	100.00
	331411	Primary smelting and refining of copper	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
3314110		Primary smelting and refining of copper	2 212 133	100.00
	331411	Primary smelting and refining of copper	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
331419		Primary smelting and refining of nonferrous metal (except copper and aluminum)	2 501 791	100.00
	331112	Electrometallurgical ferroalloy product manufacturing	D	S
	331221	Rolled steel shape manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	331411	Primary smelting and refining of copper	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	1 949 595	77.93
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332618	Other fabricated wire product manufacturing	D	S
3314193		Primary smelting and refining of zinc	245 001	9.79
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	245 001	100.00
3314197		Primary precious metals and precious metal alloys	646 552	25.84
	331411	Primary smelting and refining of copper	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	265 023	40.99
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
331419A		All other miscellaneous primary nonferrous metals	1 506 253	60.21
	331112	Electrometallurgical ferroalloy product manufacturing	D	S
	331221	Rolled steel shape manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	1 335 586	88.67
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332618	Other fabricated wire product manufacturing	D	S
331419W		Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, total	103 985	4.16
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	103 985	100.00
331421		Copper rolling, drawing, and extruding	5 868 034	100.00
	331421	Copper rolling, drawing, and extruding	5 824 724	99.26
	331422	Copper wire (except mechanical) drawing	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	6 791	.12
	333913	Measuring and dispensing pump manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
3314211		Copper wire, bare and tinned (nonelectrical), made in rolling mills	306 884	5.23
	331421	Copper rolling, drawing, and extruding	D	S
	333913	Measuring and dispensing pump manufacturing	D	S
3314213		Copper and copper-base alloy rod, bar, and shapes	2 656 801	45.28
	331421	Copper rolling, drawing, and extruding	2 655 896	99.97
3314217		Copper and copper-base alloy sheet, strip, and plate	1 083 062	18.46
	331421	Copper rolling, drawing, and extruding	1 067 223	98.54
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	336399	All other motor vehicle parts manufacturing	D	S
3314219		Copper and copper-base alloy pipe and tube	1 779 723	30.33
	331421	Copper rolling, drawing, and extruding	1 779 147	99.97
331421W		Copper rolling, drawing, and extruding, nsk, total	41 564	.71
	331421	Copper rolling, drawing, and extruding	D	S
	331422	Copper wire (except mechanical) drawing	D	S
331422		Copper wire (except mechanical) drawing	2 663 475	100.00
	331319	Other aluminum rolling and drawing	D	S
	331422	Copper wire (except mechanical) drawing	2 462 476	92.45

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
331422	332999	Copper wire (except mechanical) drawing—Con.	D	S
	335929	All other miscellaneous fabricated metal product manufacturing	177 757	6.67
3314222	331422	Other communication and energy wire manufacturing	711 260	26.70
	332999	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire	626 161	88.04
	335929	Copper wire (except mechanical) drawing	D	S
		All other miscellaneous fabricated metal product manufacturing	D	S
		Other communication and energy wire manufacturing	D	S
3314224	331319	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants	1 143 374	42.93
	331422	Other aluminum rolling and drawing	D	S
	335929	Copper wire (except mechanical) drawing	1 028 146	89.92
		Other communication and energy wire manufacturing	D	S
3314225	331422	Copper magnet wire (except fiber optic), made in plants that draw wire	769 401	28.89
331422W	331422	Copper wire (except mechanical) drawing, nsk, total	768 729	99.91
		Copper wire (except mechanical) drawing	39 440	1.48
		Copper wire (except mechanical) drawing	39 440	100.00
331423		Secondary smelting, refining, and alloying of copper	625 812	100.00
	331221	Rolled steel shape manufacturing	D	S
	331411	Primary smelting and refining of copper	D	S
	331423	Secondary smelting, refining, and alloying of copper	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
3314230		Secondary smelting, refining, and alloying of copper	625 812	100.00
	331221	Rolled steel shape manufacturing	D	S
	331411	Primary smelting and refining of copper	D	S
	331423	Secondary smelting, refining, and alloying of copper	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
331491		Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	4 396 353	100.00
	331316	Aluminum extruded product manufacturing	D	S
	331421	Copper rolling, drawing, and extruding	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	4 181 002	95.10
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	335912	Primary battery manufacturing	D	S
	335929	Other communication and energy wire manufacturing	D	S
	336213	Motor home manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3314912		Nickel and nickel-base alloy mill shapes	1 106 797	25.18
	331421	Copper rolling, drawing, and extruding	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	1 089 374	98.43
	339113	Surgical appliance and supplies manufacturing	D	S
3314913		Titanium and titanium-base alloy mill shapes	838 664	19.08
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
331491A	331491	Precious metal mill shapes	703 478	16.00
331491D	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	701 417	99.71
	331316	All other nonferrous metal mill shapes	1 360 525	30.95
	331421	Aluminum extruded product manufacturing	D	S
	331491	Copper rolling, drawing, and extruding	D	S
	331492	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	1 189 141	87.40
		Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	335912	Primary battery manufacturing	D	S
	336213	Motor home manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
331491F		Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
331491H	331491	Magnet wire, (except aluminum and copper), made in plants that draw wire	D	S
331491W	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, total	310 456	7.06
	335929	Other communication and energy wire manufacturing	D	S
331492		Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	2 451 163	100.00
	331314	Secondary smelting and alloying of aluminum	D	S
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	17 775	.73
	331421	Copper rolling, drawing, and extruding	D	S
	331423	Secondary smelting, refining, and alloying of copper	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	40 962	1.67
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	2 330 304	95.07
3314921		Other nonferrous metal powders, paste, and flakes	1 001 430	40.86
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
	331423	Secondary smelting, refining, and alloying of copper	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	40 651	4.06
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
3314927		Secondary smelting, refining, and alloying of zinc	930 835	92.95
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	169 477	6.91
3314929	331492	Secondary precious metals and precious metal alloys	169 323	99.91
		Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	332 934	13.58
331492B		All other miscellaneous secondary nonferrous metals	329 080	98.84
	331314	Secondary smelting and alloying of aluminum	800 094	32.64
	331421	Copper rolling, drawing, and extruding	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	753 965	94.23
331492W		Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, total	D	S
			147 228	6.01

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
331492		Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)—Con.		
331492W		Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, total—Con.		
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	147 101	99.91
331511		Iron foundries	9 794 555	100.00
	331511	Iron foundries	9 721 128	99.25
	331512	Steel investment foundries	6 380	.07
	331513	Steel foundries (except investment)	D	S
	332911	Industrial valve manufacturing	17 630	.18
	333298	All other industrial machinery manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
3315111		Ductile iron pressure pipe and fittings	1 549 981	15.82
	331511	Iron foundries	1 548 812	99.92
3315113		Other ductile iron castings	2 980 628	30.43
	331511	Iron foundries	D	S
	332911	Industrial valve manufacturing	D	S
3315115		Cast iron pressure pipe and fittings	35 398	.36
	331511	Iron foundries	35 398	100.00
3315117		Cast iron soil pipes and fittings, all sizes	309 976	3.16
	331511	Iron foundries	305 488	98.55
3315119		Other gray iron castings	4 476 228	45.70
	331511	Iron foundries	D	S
	331513	Steel foundries (except investment)	10 286	.23
	332911	Industrial valve manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
331511A		Standard malleable iron castings	92 887	.95
	331511	Iron foundries	92 111	99.16
331511C		Pearlitic malleable iron castings	130 962	1.34
	331511	Iron foundries	130 962	100.00
331511E		Molds and stools for heavy steel ingots	42 664	.44
	331511	Iron foundries	42 163	98.83
331511W		Iron foundries, nsk, total	175 831	1.80
	331511	Iron foundries	175 240	99.66
331512		Steel investment foundries	2 128 652	100.00
	331511	Iron foundries	D	S
	331512	Steel investment foundries	1 992 217	93.59
	331522	Nonferrous (except aluminum) die-casting foundries	D	S
	331524	Aluminum foundries (except die-casting)	D	S
	331525	Copper foundries (except die-casting)	D	S
3315120		Steel investment castings	2 128 652	100.00
	331511	Iron foundries	D	S
	331512	Steel investment foundries	1 992 217	93.59
	331522	Nonferrous (except aluminum) die-casting foundries	D	S
	331524	Aluminum foundries (except die-casting)	D	S
	331525	Copper foundries (except die-casting)	D	S
331513		Steel foundries (except investment)	2 433 573	100.00
	331511	Iron foundries	30 073	1.24
	331512	Steel investment foundries	12 543	.52
	331513	Steel foundries (except investment)	2 357 532	96.88
	331525	Copper foundries (except die-casting)	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
3315131		Other carbon steel castings, except investment	1 152 828	47.37
	331511	Iron foundries	D	S
	331513	Steel foundries (except investment)	1 126 502	97.72
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
3315133		High alloy steel castings, except investment	608 266	24.99
	331512	Steel investment foundries	D	S
	331513	Steel foundries (except investment)	D	S
3315135		Other alloy steel castings, except investment	554 591	22.79
	331511	Iron foundries	D	S
	331513	Steel foundries (except investment)	D	S
	331525	Copper foundries (except die-casting)	D	S
331513W		Steel foundries (except investment), nsk, total	117 888	4.84
	331513	Steel foundries (except investment)	117 888	100.00
331521		Aluminum die-casting foundries	4 318 278	100.00
	331521	Aluminum die-casting foundries	4 066 628	94.17
	331522	Nonferrous (except aluminum) die-casting foundries	137 582	3.19
	331524	Aluminum foundries (except die-casting)	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3315210		Aluminum die-castings	4 318 278	100.00
	331521	Aluminum die-casting foundries	4 066 628	94.17
	331522	Nonferrous (except aluminum) die-casting foundries	137 582	3.19
	331524	Aluminum foundries (except die-casting)	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
331522		Nonferrous (except aluminum) die-casting foundries	1 813 240	100.00
	326199	All other plastics product manufacturing	D	S
	331521	Aluminum die-casting foundries	78 207	4.31
	331522	Nonferrous (except aluminum) die-casting foundries	1 651 797	91.10
	331524	Aluminum foundries (except die-casting)	36 553	2.02
	331525	Copper foundries (except die-casting)	D	S
	331528	Other nonferrous foundries (except die-casting)	5 376	.30
	332510	Hardware manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
3315220		Nonferrous (except aluminum) die-castings	1 813 240	100.00
	326199	All other plastics product manufacturing	D	S
	331521	Aluminum die-casting foundries	78 207	4.31
	331522	Nonferrous (except aluminum) die-casting foundries	1 651 797	91.10
	331524	Aluminum foundries (except die-casting)	36 553	2.02
	331525	Copper foundries (except die-casting)	D	S
	331528	Other nonferrous foundries (except die-casting)	5 376	.30
	332510	Hardware manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
331524		Aluminum foundries (except die-casting)	3 494 517	100.00

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
331524		Aluminum foundries (except die-casting)—Con.		
	331511	Iron foundries	11 652	.33
	331512	Steel investment foundries	18 543	.53
	331524	Aluminum foundries (except die-casting)	3 385 418	96.88
	331525	Copper foundries (except die-casting)	39 114	1.12
	332214	Kitchen utensil, pot, and pan manufacturing	D	S
	332997	Industrial pattern manufacturing	D	S
3315240		Aluminum foundries	3 494 517	100.00
	331511	Iron foundries	11 652	.33
	331512	Steel investment foundries	18 543	.53
	331524	Aluminum foundries (except die-casting)	3 385 418	96.88
	331525	Copper foundries (except die-casting)	39 114	1.12
	332214	Kitchen utensil, pot, and pan manufacturing	D	S
	332997	Industrial pattern manufacturing	D	S
331525		Copper foundries (except die-casting)	747 645	100.00
	331421	Copper rolling, drawing, and extruding	D	S
	331511	Iron foundries	23 769	3.18
	331512	Steel investment foundries	D	S
	331513	Steel foundries (except investment)	19 521	2.61
	331524	Aluminum foundries (except die-casting)	29 665	3.97
	331525	Copper foundries (except die-casting)	643 375	86.05
3315250		Copper foundries	747 645	100.00
	331421	Copper rolling, drawing, and extruding	D	S
	331511	Iron foundries	23 769	3.18
	331512	Steel investment foundries	D	S
	331513	Steel foundries (except investment)	19 521	2.61
	331524	Aluminum foundries (except die-casting)	29 665	3.97
	331525	Copper foundries (except die-casting)	643 375	86.05
331528		Other nonferrous foundries (except die-casting)	749 678	100.00
	331512	Steel investment foundries	14 532	1.94
	331513	Steel foundries (except investment)	28 806	3.84
	331522	Nonferrous (except aluminum) die-casting foundries	D	S
	331524	Aluminum foundries (except die-casting)	16 831	2.25
	331528	Other nonferrous foundries (except die-casting)	658 836	87.88
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
3315280		Other nonferrous foundries	749 678	100.00
	331512	Steel investment foundries	14 532	1.94
	331513	Steel foundries (except investment)	28 806	3.84
	331522	Nonferrous (except aluminum) die-casting foundries	D	S
	331524	Aluminum foundries (except die-casting)	16 831	2.25
	331528	Other nonferrous foundries (except die-casting)	658 836	87.88
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
332111		Iron and steel forging	3 988 037	100.00
	331111	Iron and steel mills	D	S
	331511	Iron foundries	D	S
	332111	Iron and steel forging	3 789 689	95.03
	332112	Nonferrous forging	130 347	3.27
	332991	Ball and roller bearing manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3321111		Hot impression die impact, press, and upset steel forgings	2 517 824	63.13
	331111	Iron and steel mills	D	S
	331511	Iron foundries	D	S
	332111	Iron and steel forging	2 446 537	97.17
	332112	Nonferrous forging	35 151	1.40
	339999	All other miscellaneous manufacturing	D	S
3321113		Cold impression die impact, press, and upset steel forgings	422 452	10.59
	332111	Iron and steel forging	D	S
	332112	Nonferrous forging	D	S
3321115		Seamless rolled ring forgings, ferrous, made from purchased iron and steel	297 526	7.46
	332111	Iron and steel forging	D	S
	332112	Nonferrous forging	D	S
	332991	Ball and roller bearing manufacturing	D	S
3321117		Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel	470 840	11.81
	332111	Iron and steel forging	408 990	86.86
	332112	Nonferrous forging	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
332111W		Iron and steel forging, nsk, total	279 395	7.01
	332111	Iron and steel forging	278 507	99.68
332112		Nonferrous forging	1 861 605	100.00
	331312	Primary aluminum production	D	S
	332111	Iron and steel forging	D	S
	332112	Nonferrous forging	1 636 842	87.93
3321121		Hot impression die impact, press, and upset nonferrous forgings	1 381 988	74.24
	331312	Primary aluminum production	D	S
	332111	Iron and steel forging	D	S
	332112	Nonferrous forging	1 181 985	85.53
3321122		Other nonferrous forgings	440 291	23.65
	332111	Iron and steel forging	24 722	5.61
	332112	Nonferrous forging	415 569	94.39
332112W		Nonferrous forging, nsk, total	39 326	2.11
	332112	Nonferrous forging	39 288	99.90
332114		Custom roll forming	4 007 080	100.00
	332114	Custom roll forming	3 774 684	94.20
	332116	Metal stamping	D	S
	332312	Fabricated structural metal manufacturing	87 699	2.19
	332322	Sheet metal work manufacturing	39 712	.99
	332323	Ornamental and architectural metal work manufacturing	12 080	.30
	332420	Metal tank (heavy gauge) manufacturing	D	S
	332813	Electroplating, plating, polishing, anodizing, and coloring	D	S
	332996	Fabricated pipe and pipe fitting manufacturing	27 114	.68
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
3321140		Custom roll form products	4 007 080	100.00
	332114	Custom roll forming	3 774 684	94.20
	332116	Metal stamping	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332114		Custom roll forming—Con.		
3321140		Custom roll form products—Con.		
	332312	Fabricated structural metal manufacturing	87 699	2.19
	332322	Sheet metal work manufacturing	39 712	.99
	332323	Ornamental and architectural metal work manufacturing	12 080	.30
	332420	Metal tank (heavy gauge) manufacturing	D	S
	332813	Electroplating, plating, polishing, anodizing, and coloring	D	S
	332996	Fabricated pipe and pipe fitting manufacturing	27 114	.68
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
332115		Crown and closure manufacturing	899 733	100.00
	321999	All other miscellaneous wood product manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332115	Crown and closure manufacturing	D	S
	332116	Metal stamping	5 562	.62
3321150		Crowns and closures	899 733	100.00
	321999	All other miscellaneous wood product manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332115	Crown and closure manufacturing	D	S
	332116	Metal stamping	5 562	.62
332116		Metal stamping	8 830 659	100.00
	326199	All other miscellaneous wood product manufacturing	12 619	.14
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	332116	Metal stamping	7 954 102	90.07
	332321	Metal window and door manufacturing	D	S
	332322	Sheet metal work manufacturing	29 720	.34
	332439	Other metal container manufacturing	24 741	.28
	332510	Hardware manufacturing	54 168	.61
	332618	Other fabricated wire product manufacturing	6 436	.07
	332710	Machine shops	22 662	.26
	332721	Precision turned product manufacturing	26 494	.30
	332722	Bolt, nut, screw, rivet, and washer manufacturing	17 294	.20
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	14 229	.16
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	21 638	.25
	333518	Other metalworking machinery manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
	336370	Motor vehicle metal stamping	419 423	4.75
	336399	All other motor vehicle parts manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3321161		Job stampings, except automotive	5 952 758	67.41
	332116	Metal stamping	5 333 030	89.59
	332322	Sheet metal work manufacturing	24 575	.41
	332510	Hardware manufacturing	10 848	.18
	332710	Machine shops	21 037	.35
	332721	Precision turned product manufacturing	24 641	.41
	332722	Bolt, nut, screw, rivet, and washer manufacturing	13 655	.23
	332999	All other miscellaneous fabricated metal product manufacturing	7 411	.12
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	20 048	.34
	333518	Other metalworking machinery manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3321163		Metal spinning products, excluding cooking and kitchen utensils	149 363	1.69
	332116	Metal stamping	148 721	99.57
3321166		Stamped and pressed metal end products, including vitreous (porcelain) enameled products	1 668 171	18.89
	331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	332116	Metal stamping	D	S
	332321	Metal window and door manufacturing	D	S
	332439	Other metal container manufacturing	22 422	1.34
	332510	Hardware manufacturing	43 320	2.60
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
332116W		Metal stamping, nsk, total	1 060 367	12.01
	332116	Metal stamping	D	S
	339999	All other miscellaneous manufacturing	D	S
332117		Powder metallurgy part manufacturing	1 293 105	100.00
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332117	Powder metallurgy part manufacturing	1 210 168	93.59
	332510	Hardware manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
3321170		Powder metallurgy parts	1 293 105	100.00
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332117	Powder metallurgy part manufacturing	1 210 168	93.59
	332510	Hardware manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332211		Cutlery and flatware (except precious) manufacturing	1 814 120	100.00
	325620	Toilet preparation manufacturing	D	S
	332211	Cutlery and flatware (except precious) manufacturing	1 648 794	90.89
	339912	Silverware and hollowware manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	D	S
3322112		Cutlery, scissors, shears, trimmers, and snips	648 485	35.75
	325620	Toilet preparation manufacturing	D	S
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	339912	Silverware and hollowware manufacturing	D	S
3322113		Razor blades and razors, except electric	1 118 872	61.68
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	D	S
332211W		Cutlery and flatware (except precious) manufacturing, nsk, total	46 763	2.58
	332211	Cutlery and flatware (except precious) manufacturing	41 317	88.35
332212		Hand and edge tool manufacturing	5 677 825	100.00
	321999	All other miscellaneous wood product manufacturing	5 048	.09
	325520	Adhesive manufacturing	14 122	.25
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	332212	Hand and edge tool manufacturing	5 047 086	88.89
	332213	Saw blade and handsaw manufacturing	35 933	.63
	332510	Hardware manufacturing	9 433	.17
	332722	Bolt, nut, screw, rivet, and washer manufacturing	9 401	.17
	332911	Industrial valve manufacturing	D	S
	333210	Sawmill and woodworking machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333313	Office machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333515	Cutting tool and machine tool accessory manufacturing	69 995	1.23
	333613	Mechanical power transmission equipment manufacturing	D	S
	333991	Power-driven handtool manufacturing	5 735	.10
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	40 498	.71
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
	339913	Jewelers' material and lapidary work manufacturing	D	S
3322122		Mechanics' hand service tools	2 035 341	35.85
	332212	Hand and edge tool manufacturing	1 720 446	84.53
	332213	Saw blade and handsaw manufacturing	D	S
	333210	Sawmill and woodworking machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	40 498	1.99
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
3322123		Edge tools, hand-operated	501 930	8.84
	325520	Adhesive manufacturing	D	S
	332211	Cutlery and flatware (except precious) manufacturing	46 753	9.31
	332212	Hand and edge tool manufacturing	389 238	77.55
	333313	Office machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
3322125		Dies and interchangeable cutting tools, for machines and power-driven handtools	798 978	14.07
	332212	Hand and edge tool manufacturing	D	S
	332213	Saw blade and handsaw manufacturing	D	S
3322128		All other miscellaneous handtools	1 177 616	20.74
	332212	Hand and edge tool manufacturing	1 083 040	91.97
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
	339913	Jewelers' material and lapidary work manufacturing	D	S
3322129		Precision measuring tools (inspection, quality control, tool room, and machinists')	713 047	12.56
	332212	Hand and edge tool manufacturing	670 013	93.96
	339112	Surgical and medical instrument manufacturing	D	S
332212W		Hand and edge tool manufacturing, nsk, total	450 913	7.94
	332212	Hand and edge tool manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
332213		Saw blade and handsaw manufacturing	1 188 013	100.00
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332213	Saw blade and handsaw manufacturing	1 077 865	90.73
	333991	Power-driven handtool manufacturing	D	S
3322130		Saw blades and handsaws	1 188 013	100.00
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332213	Saw blade and handsaw manufacturing	1 077 865	90.73
	333991	Power-driven handtool manufacturing	D	S
332214		Kitchen utensil, pot, and pan manufacturing	1 247 603	100.00
	331221	Rolled steel shape manufacturing	D	S
	332116	Metal stamping	20 199	1.62
	332214	Kitchen utensil, pot, and pan manufacturing	1 097 287	87.95
	333319	Other commercial and service industry machinery manufacturing	D	S
	335211	Electric housewares and household fan manufacturing	42 496	3.41
	335221	Household cooking appliance manufacturing	D	S
	336370	Motor vehicle metal stamping	6 609	.53
3322141		Stamped and spun utensils, cooking and kitchen, aluminum	825 053	66.13
	332116	Metal stamping	5 788	.70
	332214	Kitchen utensil, pot, and pan manufacturing	779 138	94.43
	333319	Other commercial and service industry machinery manufacturing	D	S
	335211	Electric housewares and household fan manufacturing	D	S

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332214		Kitchen utensil, pot, and pan manufacturing—Con.		
3322143		Stamped and spun utensils, cooking and kitchen, except aluminum	413 254	33.12
	331221	Rolled steel shape manufacturing	D	S
	332116	Metal stamping	14 411	3.49
	332214	Kitchen utensil, pot, and pan manufacturing	308 853	74.74
	335211	Electric housewares and household fan manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
332214W		Kitchen utensil, pot, and pan manufacturing, nsk, total	9 296	.75
	332214	Kitchen utensil, pot, and pan manufacturing	9 296	100.00
332311		Prefabricated metal building and component manufacturing	4 744 875	100.00
	326199	All other plastics product manufacturing	7 524	.16
	332311	Prefabricated metal building and component manufacturing	4 579 414	96.51
	332322	Sheet metal work manufacturing	31 957	.67
	332323	Ornamental and architectural metal work manufacturing	D	S
	332439	Other metal container manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
3323111		Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts)	2 985 957	62.93
	332311	Prefabricated metal building and component manufacturing	2 908 195	97.40
	332323	Ornamental and architectural metal work manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
3323113		Other prefabricated and portable metal buildings and parts	1 203 628	25.37
	326199	All other plastics product manufacturing	7 282	.61
	332311	Prefabricated metal building and component manufacturing	1 115 935	92.71
	332322	Sheet metal work manufacturing	27 693	2.30
	332439	Other metal container manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
332311W		Prefabricated metal building and component manufacturing, nsk, total	555 290	11.70
	332311	Prefabricated metal building and component manufacturing	555 284	100.00
332312		Fabricated structural metal manufacturing	17 432 760	100.00
	321214	Truss manufacturing	8 653	.05
	326199	All other plastics product manufacturing	22 431	.13
	332311	Prefabricated metal building and component manufacturing	30 852	.18
	332312	Fabricated structural metal manufacturing	16 850 713	96.66
	332313	Plate work manufacturing	46 859	.27
	332321	Metal window and door manufacturing	16 153	.09
	332322	Sheet metal work manufacturing	61 546	.35
	332323	Ornamental and architectural metal work manufacturing	118 282	.68
	332420	Metal tank (heavy gauge) manufacturing	65 159	.37
	332710	Machine shops	9 555	.05
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	332996	Fabricated pipe and pipe fitting manufacturing	6 778	.04
	332999	All other miscellaneous fabricated metal product manufacturing	19 068	.11
	333111	Farm machinery and equipment manufacturing	9 892	.06
	336214	Travel trailer and camper manufacturing	D	S
3323121		Fabricated structural metal bar joists and concrete reinforcing bars	9 474 726	54.35
	321214	Truss manufacturing	6 095	.06
	326199	All other plastics product manufacturing	D	S
	332311	Prefabricated metal building and component manufacturing	25 649	.27
	332312	Fabricated structural metal manufacturing	9 136 822	96.43
	332313	Plate work manufacturing	10 173	.11
	332321	Metal window and door manufacturing	11 439	.12
	332322	Sheet metal work manufacturing	35 498	.37
	332323	Ornamental and architectural metal work manufacturing	101 102	1.07
	332420	Metal tank (heavy gauge) manufacturing	33 309	.35
	332710	Machine shops	6 028	.06
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	17 810	.19
3323123		Fabricated structural metal for bridges	1 024 854	5.88
	332312	Fabricated structural metal manufacturing	1 005 913	98.15
	332322	Sheet metal work manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	5 586	.55
3323125		Other fabricated structural metal	3 976 557	22.81
	326199	All other plastics product manufacturing	D	S
	332311	Prefabricated metal building and component manufacturing	5 203	.13
	332312	Fabricated structural metal manufacturing	3 758 387	94.51
	332313	Plate work manufacturing	36 214	.91
	332322	Sheet metal work manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	11 285	.28
	332420	Metal tank (heavy gauge) manufacturing	26 264	.66
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
332312W		Fabricated structural metal manufacturing, nsk, total	2 956 623	16.96
	332312	Fabricated structural metal manufacturing	2 949 591	99.76
	332323	Ornamental and architectural metal work manufacturing	5 443	.18
332313		Plate work manufacturing	3 206 237	100.00
	321114	Wood preservation	D	S
	331511	Iron foundries	D	S
	332213	Saw blade and handsaw manufacturing	D	S
	332311	Prefabricated metal building and component manufacturing	28 299	.88
	332312	Fabricated structural metal manufacturing	64 776	2.02
	332313	Plate work manufacturing	2 743 411	85.56
	332322	Sheet metal work manufacturing	52 089	1.62
	332323	Ornamental and architectural metal work manufacturing	7 637	.24
	332420	Metal tank (heavy gauge) manufacturing	26 789	.84
	332710	Machine shops	98 471	3.07
	332721	Precision turned product manufacturing	13 486	.42
	332919	Other metal valve and pipe fitting manufacturing	D	S
	332996	Fabricated pipe and pipe fitting manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	15 115	.47
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332313		Plate work manufacturing—Con.		
	333295	Semiconductor machinery manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	6 952	.22
	333999	All other miscellaneous general purpose machinery manufacturing	5 561	.17
	336211	Motor vehicle body manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3323130		Fabricated plate work (stacks and weldments)	3 206 237	100.00
	321114	Wood preservation	D	S
	331511	Iron foundries	D	S
	332213	Saw blade and handsaw manufacturing	D	S
	332311	Prefabricated metal building and component manufacturing	28 299	.88
	332312	Fabricated structural metal manufacturing	64 776	2.02
	332313	Plate work manufacturing	2 743 411	85.56
	332322	Sheet metal work manufacturing	52 089	1.62
	332323	Ornamental and architectural metal work manufacturing	7 637	.24
	332420	Metal tank (heavy gauge) manufacturing	26 789	.84
	332710	Machine shops	98 471	3.07
	332721	Precision turned product manufacturing	13 486	.42
	332919	Other metal valve and pipe fitting manufacturing	D	S
	332996	Fabricated pipe and pipe fitting manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	15 115	.47
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333295	Semiconductor machinery manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	6 952	.22
	333999	All other miscellaneous general purpose machinery manufacturing	5 561	.17
	336211	Motor vehicle body manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
332321		Metal window and door manufacturing	10 355 512	100.00
	321911	Wood window and door manufacturing	90 827	.88
	321918	Other millwork (including flooring)	D	S
	326199	All other plastics product manufacturing	239 535	2.31
	327215	Glass product manufacturing made of purchased glass	32 119	.31
	331316	Aluminum extruded product manufacturing	D	S
	332312	Fabricated structural metal manufacturing	15 121	.15
	332321	Metal window and door manufacturing	9 864 149	95.26
	332322	Sheet metal work manufacturing	16 789	.16
	332323	Ornamental and architectural metal work manufacturing	13 683	.13
	332510	Hardware manufacturing	12 889	.12
	335211	Electric housewares and household fan manufacturing	D	S
3323211		Metal doors (except storm doors)	5 372 931	51.88
	321911	Wood window and door manufacturing	75 904	1.41
	326199	All other plastics product manufacturing	75 344	1.40
	327215	Glass product manufacturing made of purchased glass	25 484	.47
	332321	Metal window and door manufacturing	5 140 277	95.67
	332322	Sheet metal work manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	D	S
	332510	Hardware manufacturing	10 620	.20
3323213		Metal windows (except storm sash)	2 224 168	21.48
	326199	All other plastics product manufacturing	109 634	4.93
	331316	Aluminum extruded product manufacturing	D	S
	332312	Fabricated structural metal manufacturing	D	S
	332321	Metal window and door manufacturing	2 085 174	93.75
3323215		Metal molding and trim and store fronts	988 156	9.54
	332321	Metal window and door manufacturing	960 052	97.16
	332323	Ornamental and architectural metal work manufacturing	D	S
3323217		Metal combination screen, storm sash, and storm doors	544 830	5.26
	326199	All other plastics product manufacturing	25 821	4.74
	332321	Metal window and door manufacturing	512 135	94.00
3323219		Metal window and door screens (except combination) and metal weather strip	340 780	3.29
	332321	All other plastics product manufacturing	25 725	7.55
	335211	Metal window and door manufacturing	300 589	88.21
332321W		Electric housewares and household fan manufacturing	D	S
	321911	Metal window and door manufacturing, nsk, total	884 647	8.54
	332321	Wood window and door manufacturing	D	S
	332322	Metal window and door manufacturing	865 922	97.88
	332322	Sheet metal work manufacturing	D	S
332322		Sheet metal work manufacturing	14 643 650	100.00
	321911	Wood window and door manufacturing	D	S
	326199	All other plastics product manufacturing	20 068	.14
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332114	Custom roll forming	17 368	.12
	332116	Metal stamping	7 966	.05
	332311	Prefabricated metal building and component manufacturing	89 914	.61
	332312	Fabricated structural metal manufacturing	169 526	1.16
	332313	Plate work manufacturing	36 038	.25
	332321	Metal window and door manufacturing	57 190	.39
	332322	Sheet metal work manufacturing	13 801 839	94.25
	332323	Ornamental and architectural metal work manufacturing	94 741	.65
	332420	Metal tank (heavy gauge) manufacturing	5 255	.04
	332439	Other metal container manufacturing	6 922	.05
	332510	Hardware manufacturing	10 857	.07
	332710	Machine shops	49 551	.34
	332721	Precision turned product manufacturing	11 396	.08
	332996	Fabricated pipe and pipe fitting manufacturing	8 266	.06
	332999	All other miscellaneous fabricated metal product manufacturing	54 123	.37
	333298	All other industrial machinery manufacturing	D	S
	333412	Industrial and commercial fan and blower manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	10 027	.07
	336391	Motor vehicle air-conditioning manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	5 751	.04
	339950	Sign manufacturing	5 160	.04

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332322		Sheet metal work manufacturing—Con.		
3323221		Sheet metal air-conditioning ducts and stove pipe	1 946 826	13.29
	326199	All other plastics product manufacturing	D	S
	332312	Fabricated structural metal manufacturing	D	S
	332322	Sheet metal work manufacturing	1 828 738	93.93
	332323	Ornamental and architectural metal work manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
3323223		Sheet metal culverts, flumes, irrigation pipes, etc.	557 674	3.81
	332322	Sheet metal work manufacturing	547 349	98.15
3323227		Sheet metal roofing and roof drainage equipment	1 417 019	9.68
	321911	Wood window and door manufacturing	D	S
	332114	Custom roll forming	D	S
	332311	Prefabricated metal building and component manufacturing	77 463	5.47
	332312	Fabricated structural metal manufacturing	113 418	8.00
	332322	Sheet metal work manufacturing	1 203 546	84.94
3323229		Sheet metal flooring and siding	921 549	6.29
	332321	Metal window and door manufacturing	6 527	.71
	332322	Sheet metal work manufacturing	893 423	96.95
332322A		Sheet metal awnings, canopies, cornices, and soffits	684 375	4.67
	332321	Metal window and door manufacturing	42 177	6.16
	332322	Sheet metal work manufacturing	604 483	88.33
	332510	Hardware manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
332322C		Sheet metal electronic enclosures	2 340 049	15.98
	332322	Sheet metal work manufacturing	2 292 299	97.96
	332999	All other miscellaneous fabricated metal product manufacturing	11 190	.48
332322F		Metal studs, nonload and load-bearing (iron, steel, and aluminum)	333 965	2.28
	332322	Sheet metal work manufacturing	291 966	87.42
	332323	Ornamental and architectural metal work manufacturing	37 691	11.29
332322G		Other sheet metal work	3 616 545	24.70
	326199	All other plastics product manufacturing	D	S
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332312	Fabricated structural metal manufacturing	36 190	1.00
	332313	Plate work manufacturing	12 372	.34
	332321	Metal window and door manufacturing	7 017	.19
	332322	Sheet metal work manufacturing	3 423 452	94.66
	332323	Ornamental and architectural metal work manufacturing	30 951	.86
	332999	All other miscellaneous fabricated metal product manufacturing	17 509	.48
	333412	Industrial and commercial fan and blower manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	D	S
332322W		Sheet metal work manufacturing, nsk, total	2 825 648	19.30
	332114	Custom roll forming	D	S
	332313	Plate work manufacturing	18 853	.67
	332322	Sheet metal work manufacturing	2 716 583	96.14
	332710	Machine shops	38 822	1.37
	332721	Precision turned product manufacturing	9 907	.35
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
332323		Ornamental and architectural metal work manufacturing	5 201 688	100.00
	326199	All other plastics product manufacturing	12 327	.24
	332111	Iron and steel forging	D	S
	332114	Custom roll forming	D	S
	332212	Hand and edge tool manufacturing	D	S
	332311	Prefabricated metal building and component manufacturing	28 975	.56
	332312	Fabricated structural metal manufacturing	266 544	5.12
	332313	Plate work manufacturing	10 482	.20
	332321	Metal window and door manufacturing	12 991	.25
	332322	Sheet metal work manufacturing	43 333	.83
	332323	Ornamental and architectural metal work manufacturing	4 666 893	89.72
	332710	Machine shops	6 749	.13
	332999	All other miscellaneous fabricated metal product manufacturing	10 926	.21
	333111	Farm machinery and equipment manufacturing	13 287	.26
	335129	Other lighting equipment manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	7 074	.14
	339920	Sporting and athletic goods manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	D	S
3323231		Metal grilles, registers, and air diffusers	575 893	11.07
	332322	Sheet metal work manufacturing	8 432	1.46
	332323	Ornamental and architectural metal work manufacturing	553 032	96.03
3323233		Ornamental and architectural metal work	1 605 588	30.87
	332114	Custom roll forming	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	332312	Fabricated structural metal manufacturing	199 009	12.39
	332321	Metal window and door manufacturing	7 504	.47
	332322	Sheet metal work manufacturing	21 669	1.35
	332323	Ornamental and architectural metal work manufacturing	1 305 637	81.32
	339920	Sporting and athletic goods manufacturing	D	S
3323236		Open metal flooring, grating, and studs	364 762	7.01
	332111	Iron and steel forging	D	S
	332312	Fabricated structural metal manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	D	S
3323237		Metal scaffolding and shoring and forming for concrete work	567 481	10.91
	332323	Ornamental and architectural metal work manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3323239		Other architectural and ornamental work	1 219 720	23.45
	326199	All other plastics product manufacturing	D	S
	332114	Custom roll forming	5 353	.44
	332311	Prefabricated metal building and component manufacturing	17 999	1.48
	332312	Fabricated structural metal manufacturing	43 089	3.53
	332323	Ornamental and architectural metal work manufacturing	1 093 478	89.65
	333111	Farm machinery and equipment manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	D	S
332323W		Ornamental and architectural metal work manufacturing, nsk, total	868 244	16.69
	332312	Fabricated structural metal manufacturing	D	S
	332322	Sheet metal work manufacturing	10 386	1.20
	332323	Ornamental and architectural metal work manufacturing	848 536	97.73

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text.]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332410		Power boiler and heat exchanger manufacturing	3 316 556	100.00
	332313	Plate work manufacturing	11 751	.35
	332410	Power boiler and heat exchanger manufacturing	3 186 694	96.08
	332420	Metal tank (heavy gauge) manufacturing	74 922	2.26
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
3324101		Fabricated heat exchangers and steam condensers (except nuclear applications)	1 443 108	43.51
	332313	Plate work manufacturing	D	S
	332410	Power boiler and heat exchanger manufacturing	1 376 132	95.36
	332420	Metal tank (heavy gauge) manufacturing	38 472	2.67
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
3324105		Steel power boilers (stationary and marine), parts and attachments (except nuclear applications)	956 644	28.84
	332410	Power boiler and heat exchanger manufacturing	933 704	97.60
	332420	Metal tank (heavy gauge) manufacturing	15 396	1.61
3324107		Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment	204 298	6.16
	332410	Power boiler and heat exchanger manufacturing	166 722	81.61
	332420	Metal tank (heavy gauge) manufacturing	20 940	10.25
	333911	Pump and pumping equipment manufacturing	D	S
332410W		Power boiler and heat exchanger manufacturing, nsk, total	712 506	21.48
	332410	Power boiler and heat exchanger manufacturing	710 136	99.67
332420		Metal tank (heavy gauge) manufacturing	4 450 329	100.00
	332312	Fabricated structural metal manufacturing	38 990	.88
	332313	Plate work manufacturing	30 694	.69
	332322	Sheet metal work manufacturing	12 160	.27
	332410	Power boiler and heat exchanger manufacturing	33 330	.75
	332420	Metal tank (heavy gauge) manufacturing	4 239 946	95.27
	332999	All other miscellaneous fabricated metal product manufacturing	8 818	.20
	333911	Pump and pumping equipment manufacturing	D	S
	333992	Welding and soldering equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
3324207		Gas cylinders	506 386	11.38
	332313	Plate work manufacturing	10 893	2.15
	332420	Metal tank (heavy gauge) manufacturing	481 490	95.08
	333992	Welding and soldering equipment manufacturing	D	S
3324209		Metal tanks, complete at factory (standard line pressure)	568 981	12.79
	332313	Plate work manufacturing	5 443	.96
	332420	Metal tank (heavy gauge) manufacturing	544 443	95.69
332420C		Metal tanks, complete at factory (standard line nonpressure)	503 947	11.32
	332313	Plate work manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	472 347	93.73
	332999	All other miscellaneous fabricated metal product manufacturing	5 823	1.16
332420E		Metal tanks and vessels, custom fabricated at the factory and field erected	1 222 557	27.47
	332312	Fabricated structural metal manufacturing	16 944	1.39
	332313	Plate work manufacturing	6 689	.55
	332410	Power boiler and heat exchanger manufacturing	19 155	1.57
	332420	Metal tank (heavy gauge) manufacturing	1 136 583	92.97
	333911	Pump and pumping equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
332420G		Metal tanks and vessels, custom fabricated and field erected	1 137 825	25.57
	332312	Fabricated structural metal manufacturing	14 902	1.31
	332410	Power boiler and heat exchanger manufacturing	5 550	.49
	332420	Metal tank (heavy gauge) manufacturing	1 109 713	97.53
332420W		Metal tank (heavy gauge) manufacturing, nsk, total	510 633	11.47
	332322	Sheet metal work manufacturing	8 057	1.58
	332420	Metal tank (heavy gauge) manufacturing	495 370	97.01
332431		Metal can manufacturing	11 016 574	100.00
	322214	Fiber can, tube, drum, and similar products manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	332431	Metal can manufacturing	10 930 988	99.22
	332439	Other metal container manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
3324311		Steel cans and tinware products	4 077 534	37.01
	332431	Metal can manufacturing	4 028 780	98.80
	332439	Other metal container manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
3324313		Aluminum (including lids, ends, and parts shipped separately)	6 863 690	62.30
	322214	Fiber can, tube, drum, and similar products manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	332431	Metal can manufacturing	6 827 586	99.47
332431W		Metal can manufacturing, nsk, total	75 350	.68
	332431	Metal can manufacturing	74 622	99.03
332439		Other metal container manufacturing	2 825 151	100.00
	332420	Metal tank (heavy gauge) manufacturing	5 567	.20
	332431	Metal can manufacturing	D	S
	332439	Other metal container manufacturing	2 683 177	94.97
	332510	Hardware manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	333411	Air purification equipment manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
3324391		Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	741 462	26.25
	332431	Metal can manufacturing	D	S
	332439	Other metal container manufacturing	663 686	89.51
	333411	Air purification equipment manufacturing	D	S
3324393		Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity)	630 194	22.31
	332439	Other metal container manufacturing	630 194	100.00
3324396		All other metal container manufacturing	1 111 692	39.35
	332439	Other metal container manufacturing	1 048 784	94.34
	332510	Hardware manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
332439W		Other metal container manufacturing, nsk, total	341 803	12.10
	332439	Other metal container manufacturing	340 513	99.62

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments		
332510	314912 321911 326199 332116 332212 332312 332321 332510 332612 332999 335129 335311 336322 336399 336510 336991 336999 337214 337215 339995 339999	Hardware manufacturing	9 736 585	100.00		
		Canvas and related product mills	D	S		
		Wood window and door manufacturing	D	S		
		All other plastics product manufacturing	12 061	.12		
		Metal stamping	8 427	.09		
		Hand and edge tool manufacturing	11 184	.11		
		Fabricated structural metal manufacturing	D	S		
		Metal window and door manufacturing	154 422	1.59		
		Hardware manufacturing	9 330 595	95.83		
		Spring (light gauge) manufacturing	D	S		
		All other miscellaneous fabricated metal product manufacturing	7 657	.08		
		Other lighting equipment manufacturing	D	S		
		Power, distribution, and specialty transformer manufacturing	D	S		
		Other motor vehicle electrical and electronic equipment manufacturing	D	S		
		All other motor vehicle parts manufacturing	14 342	.15		
		Railroad rolling stock manufacturing	D	S		
		Motorcycle, bicycle, and parts manufacturing	D	S		
		All other transportation equipment manufacturing	D	S		
		Office furniture (except wood) manufacturing	D	S		
		Showcase, partition, shelving, and locker manufacturing	10 961	.11		
		Burial casket manufacturing	D	S		
		All other miscellaneous manufacturing	D	S		
		3325102	332510 332612	Furniture hardware (excluding cabinet hardware)	749 412	7.70
				Hardware manufacturing	722 309	96.38
				Spring (light gauge) manufacturing	D	S
		3325104	314912 321911 326199 332116 332212 332321 332510 336322 336999	Builders' hardware	4 773 448	49.03
				Canvas and related product mills	D	S
				Wood window and door manufacturing	D	S
				All other plastics product manufacturing	6 573	.14
				Metal stamping	7 400	.16
				Hand and edge tool manufacturing	D	S
				Metal window and door manufacturing	153 382	3.21
				Hardware manufacturing	4 523 771	94.77
Other motor vehicle electrical and electronic equipment manufacturing	D			S		
All other transportation equipment manufacturing	D			S		
3325106	332510 335129 336399 336510			Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)	2 628 099	26.99
				Hardware manufacturing	2 593 354	98.68
				Other lighting equipment manufacturing	D	S
				All other motor vehicle parts manufacturing	12 673	.48
				Railroad rolling stock manufacturing	D	S
3325107	332312 332510 335311	Other transportation equipment hardware (except motor vehicle hardware)	359 113	3.69		
		Fabricated structural metal manufacturing	D	S		
		Hardware manufacturing	316 529	88.14		
332510A	332510 337214 339995	All other miscellaneous hardware	568 383	5.84		
		Hardware manufacturing	540 986	95.18		
		Office furniture (except wood) manufacturing	D	S		
332510W	332510 336991 339999	Hardware manufacturing, nsk, total	658 130	6.76		
		Hardware manufacturing	633 646	96.28		
		Motorcycle, bicycle, and parts manufacturing	D	S		
		All other miscellaneous manufacturing	D	S		
332611	331111 332611 332612	Spring (heavy gauge) manufacturing	678 760	100.00		
		Iron and steel mills	D	S		
		Spring (heavy gauge) manufacturing	558 321	82.26		
		Spring (light gauge) manufacturing	D	S		
		Hot formed steel springs, except wire	314 092	46.27		
		Iron and steel mills	D	S		
3326111	332611 332612	Spring (heavy gauge) manufacturing	281 910	89.75		
		Spring (light gauge) manufacturing	D	S		
		Cold formed steel springs, except wire	335 293	49.40		
		Spring (heavy gauge) manufacturing	247 110	73.70		
3326113	332611 332612	Spring (light gauge) manufacturing	76 769	22.90		
		Spring (heavy gauge) manufacturing, nsk, total	29 375	4.33		
		Spring (heavy gauge) manufacturing	29 301	99.75		
332612	331111 332116 332611 332612 332618 332999 333514 336360 337910 339991	Spring (light gauge) manufacturing	2 179 274	100.00		
		Iron and steel mills	D	S		
		Metal stamping	D	S		
		Spring (heavy gauge) manufacturing	57 681	2.65		
		Spring (light gauge) manufacturing	2 008 179	92.15		
		Other fabricated wire product manufacturing	17 462	.80		
		All other miscellaneous fabricated metal product manufacturing	6 280	.29		
		Special die and tool, die set, jig, and fixture manufacturing	D	S		
		Motor vehicle seating and interior trim manufacturing	D	S		
		Mattress manufacturing	25 294	1.16		
		Gasket, packing, and sealing device manufacturing	D	S		
		3326122	331111 332116 332611 332612 332618 332999 333514	Precision mechanical wire springs	832 425	38.20
				Iron and steel mills	D	S
				Metal stamping	D	S
				Spring (heavy gauge) manufacturing	24 736	2.97
				Spring (light gauge) manufacturing	746 999	89.74
				Other fabricated wire product manufacturing	15 905	1.91
		All other miscellaneous fabricated metal product manufacturing	6 229	.75		
		Special die and tool, die set, jig, and fixture manufacturing	D	S		
		3326124	332611 332612 336360 337910 339991	Other wire springs	1 272 361	58.38
				Spring (heavy gauge) manufacturing	32 945	2.59
Spring (light gauge) manufacturing	1 186 692			93.27		
Motor vehicle seating and interior trim manufacturing	D			S		
Mattress manufacturing	25 294			1.99		
Gasket, packing, and sealing device manufacturing	D			S		
332612W	332612	Spring (light gauge) manufacturing, nsk, total	74 488	3.42		
		Spring (light gauge) manufacturing	74 488	100.00		
332618	314999 326121	Other fabricated wire product manufacturing	5 548 101	100.00		
		All other miscellaneous textile product mills	D	S		
		Unlaminated plastics profile shape manufacturing	D	S		

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332618		Other fabricated wire product manufacturing—Con.		
	326199	All other plastics product manufacturing	6 362	.11
	331222	Steel wire drawing	D	S
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332116	Metal stamping	5 289	.10
	332312	Fabricated structural metal manufacturing	16 045	.29
	332322	Sheet metal work manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	14 909	.27
	332612	Spring (light gauge) manufacturing	D	S
	332618	Other fabricated wire product manufacturing	5 228 422	94.24
	332999	All other miscellaneous fabricated metal product manufacturing	28 373	.51
	333311	Automatic vending machine manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	9 586	.17
	339999	All other miscellaneous manufacturing	D	S
3326181		Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	634 072	11.43
	314999	All other miscellaneous textile product mills	D	S
	326121	Unlaminated plastics profile shape manufacturing	D	S
	332612	Spring (light gauge) manufacturing	9 559	1.51
	332618	Other fabricated wire product manufacturing	535 065	84.39
3326182		Other fabricated wire products, made from purchased wire	218 248	3.93
	331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	D	S
	332618	Other fabricated wire product manufacturing	194 810	89.26
3326183		Ferrous wire cloth and other ferrous woven wire products, made from purchased wire	154 823	2.79
	332618	Other fabricated wire product manufacturing	150 279	97.07
3326185		Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire	64 554	1.16
	332618	Other fabricated wire product manufacturing	64 192	99.44
3326187		Steel fencing and fence gates, made from purchased wire	253 748	4.57
	332323	Ornamental and architectural metal work manufacturing	D	S
	332618	Other fabricated wire product manufacturing	225 517	88.87
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
3326189		Steel nails, staples, tacks, spikes, and brads, made from purchased wire	374 374	6.75
	332618	Other fabricated wire product manufacturing	370 888	99.07
332618B		Other ferrous wire products (excluding springs), made from purchased wire	2 716 622	48.96
	326199	All other plastics product manufacturing	6 362	.23
	332312	Fabricated structural metal manufacturing	14 292	.53
	332322	Sheet metal work manufacturing	D	S
	332612	Spring (light gauge) manufacturing	D	S
	332618	Other fabricated wire product manufacturing	2 569 856	94.60
	332999	All other miscellaneous fabricated metal product manufacturing	13 185	.49
	333311	Automatic vending machine manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	9 216	.34
332618W		Other fabricated wire product manufacturing, nsk, total	1 131 660	20.40
	332618	Other fabricated wire product manufacturing	1 117 815	98.78
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
332710		Machine shops	24 660 880	100.00
	213112	Support activities for oil and gas operations	D	S
	326199	All other plastics product manufacturing	13 267	.05
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	331316	Aluminum extruded product manufacturing	8 230	.03
	331511	Iron foundries	13 201	.05
	331512	Steel investment foundries	7 276	.03
	331513	Steel foundries (except investment)	33 549	.14
	331524	Aluminum foundries (except die-casting)	D	S
	332116	Metal stamping	37 466	.15
	332312	Fabricated structural metal manufacturing	25 246	.10
	332313	Plate work manufacturing	55 743	.23
	332322	Sheet metal work manufacturing	69 454	.28
	332410	Power boiler and heat exchanger manufacturing	5 018	.02
	332420	Metal tank (heavy gauge) manufacturing	21 340	.09
	332710	Machine shops	23 344 357	94.66
	332721	Precision turned product manufacturing	301 592	1.22
	332722	Bolt, nut, screw, rivet, and washer manufacturing	16 693	.07
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	17 111	.07
	332813	Electroplating, plating, polishing, anodizing, and coloring	19 036	.08
	332911	Industrial valve manufacturing	19 161	.08
	332912	Fluid power valve and hose fitting manufacturing	14 699	.06
	332996	Fabricated pipe and pipe fitting manufacturing	8 775	.04
	332997	Industrial pattern manufacturing	13 962	.06
	332999	All other miscellaneous fabricated metal product manufacturing	60 847	.25
	333111	Farm machinery and equipment manufacturing	14 009	.06
	333120	Construction machinery manufacturing	9 372	.04
	333131	Mining machinery and equipment manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	5 141	.02
	333291	Paper industry machinery manufacturing	5 592	.02
	333298	All other industrial machinery manufacturing	20 888	.08
	333319	Other commercial and service industry machinery manufacturing	7 668	.03
	333511	Industrial mold manufacturing	44 414	.18
	333512	Machine tool (metal cutting types) manufacturing	11 440	.05
	333513	Machine tool (metal forming types) manufacturing	6 190	.03
	333514	Special die and tool, die set, jig, and fixture manufacturing	54 096	.22
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333518	Other metalworking machinery manufacturing	12 559	.05
	333911	Pump and pumping equipment manufacturing	9 614	.04
	333912	Air and gas compressor manufacturing	16 608	.07
	333992	Welding and soldering equipment manufacturing	20 433	.08
	333993	Packaging machinery manufacturing	16 883	.07
	333995	Fluid power cylinder and actuator manufacturing	13 507	.05
	333999	All other miscellaneous general purpose machinery manufacturing	32 196	.13
	336214	Travel trailer and camper manufacturing	10 891	.04
	336370	Motor vehicle metal stamping	11 275	.05
	336399	All other motor vehicle parts manufacturing	6 749	.03

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332710		Machine shops—Con.		
	336611	Ship building and repairing	11 684	.05
	336999	All other transportation equipment manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339999	All other miscellaneous manufacturing	5 912	.02
3327100		Receipts for machine shop job work and job order repairs	24 660 880	100.00
	213112	Support activities for oil and gas operations	D	S
	326199	All other plastics product manufacturing	13 267	.05
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	331316	Aluminum extruded product manufacturing	8 230	.03
	331511	Iron foundries	13 201	.05
	331512	Steel investment foundries	7 276	.03
	331513	Steel foundries (except investment)	33 549	.14
	331524	Aluminum foundries (except die-casting)	D	S
	332116	Metal stamping	37 466	.15
	332312	Fabricated structural metal manufacturing	25 246	.10
	332313	Plate work manufacturing	55 743	.23
	332322	Sheet metal work manufacturing	69 454	.28
	332410	Power boiler and heat exchanger manufacturing	5 018	.02
	332420	Metal tank (heavy gauge) manufacturing	21 340	.09
	332710	Machine shops	23 344 357	94.66
	332721	Precision turned product manufacturing	301 592	1.22
	332722	Bolt, nut, screw, rivet, and washer manufacturing	16 693	.07
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	17 111	.07
	332813	Electroplating, plating, polishing, anodizing, and coloring	19 036	.08
	332911	Industrial valve manufacturing	19 161	.08
	332912	Fluid power valve and hose fitting manufacturing	14 699	.06
	332996	Fabricated pipe and pipe fitting manufacturing	8 775	.04
	332997	Industrial pattern manufacturing	13 962	.06
	332999	All other miscellaneous fabricated metal product manufacturing	60 847	.25
	333111	Farm machinery and equipment manufacturing	14 009	.06
	333120	Construction machinery manufacturing	9 372	.04
	333131	Mining machinery and equipment manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	5 141	.02
	333291	Paper industry machinery manufacturing	5 592	.02
	333298	All other industrial machinery manufacturing	20 888	.08
	333319	Other commercial and service industry machinery manufacturing	7 668	.03
	333511	Industrial mold manufacturing	44 414	.18
	333512	Machine tool (metal cutting types) manufacturing	11 440	.05
	333513	Machine tool (metal forming types) manufacturing	6 190	.03
	333514	Special die and tool, die set, jig, and fixture manufacturing	54 096	.22
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333518	Other metalworking machinery manufacturing	12 559	.05
	333911	Pump and pumping equipment manufacturing	9 614	.04
	333912	Air and gas compressor manufacturing	16 608	.07
	333992	Welding and soldering equipment manufacturing	20 433	.08
	333993	Packaging machinery manufacturing	16 883	.07
	333995	Fluid power cylinder and actuator manufacturing	13 507	.05
	333999	All other miscellaneous general purpose machinery manufacturing	32 196	.13
	336214	Travel trailer and camper manufacturing	10 891	.04
	336370	Motor vehicle metal stamping	11 275	.05
	336399	All other motor vehicle parts manufacturing	6 749	.03
	336611	Ship building and repairing	11 684	.05
	336999	All other transportation equipment manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339999	All other miscellaneous manufacturing	5 912	.02
332721		Precision turned product manufacturing	8 445 941	100.00
	331524	Aluminum foundries (except die-casting)	D	S
	332111	Iron and steel forging	D	S
	332115	Crown and closure manufacturing	D	S
	332116	Metal stamping	37 555	.44
	332313	Plate work manufacturing	14 035	.17
	332322	Sheet metal work manufacturing	21 913	.26
	332710	Machine shops	295 709	3.50
	332721	Precision turned product manufacturing	7 698 106	91.15
	332722	Bolt, nut, screw, rivet, and washer manufacturing	116 303	1.38
	332911	Industrial valve manufacturing	7 079	.08
	332912	Fluid power valve and hose fitting manufacturing	10 024	.12
	332999	All other miscellaneous fabricated metal product manufacturing	11 562	.14
	333120	Construction machinery manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	18 924	.22
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	10 659	.13
	335912	Primary battery manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336370	Motor vehicle metal stamping	14 232	.17
	339113	Surgical appliance and supplies manufacturing	D	S
3327211		Precision turned products, automotive	2 126 078	25.17
	331524	Aluminum foundries (except die-casting)	D	S
	332111	Iron and steel forging	D	S
	332710	Machine shops	7 145	.34
	332721	Precision turned product manufacturing	2 002 312	94.18
	332722	Bolt, nut, screw, rivet, and washer manufacturing	46 913	2.21
	336370	Motor vehicle metal stamping	D	S
3327215		Precision turned products (made on CNC equipment or screw machines), except automotive	4 313 768	51.08
	332115	Crown and closure manufacturing	D	S
	332116	Metal stamping	32 838	.76
	332322	Sheet metal work manufacturing	8 556	.20
	332710	Machine shops	59 279	1.37
	332721	Precision turned product manufacturing	3 999 315	92.71
	332722	Bolt, nut, screw, rivet, and washer manufacturing	65 496	1.52

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332721		Precision turned product manufacturing—Con.		
3327215		Precision turned products (made on CNC equipment or screw machines), except automotive—Con.		
	332911	Industrial valve manufacturing	6 010	.14
	332912	Fluid power valve and hose fitting manufacturing	7 366	.17
	333120	Construction machinery manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	9 223	.21
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	335912	Primary battery manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
332721W		Precision turned product manufacturing, nsk, total	2 006 095	23.75
	332313	Plate work manufacturing	10 818	.54
	332322	Sheet metal work manufacturing	12 974	.65
	332710	Machine shops	229 285	11.43
	332721	Precision turned product manufacturing	1 696 479	84.57
	332999	All other miscellaneous fabricated metal product manufacturing	8 875	.44
	333514	Special die and tool, die set, jig, and fixture manufacturing	9 482	.47
	333999	All other miscellaneous general purpose machinery manufacturing	10 183	.51
332722		Bolt, nut, screw, rivet, and washer manufacturing	7 178 202	100.00
	332212	Hand and edge tool manufacturing	20 397	.28
	332710	Machine shops	9 873	.14
	332721	Precision turned product manufacturing	63 848	.89
	332722	Bolt, nut, screw, rivet, and washer manufacturing	7 006 601	97.61
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
3327221		Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles)	1 180 488	16.45
	332721	Precision turned product manufacturing	7 373	.62
	332722	Bolt, nut, screw, rivet, and washer manufacturing	1 168 561	98.99
3327223		Externally threaded metal fasteners (except aircraft types)	2 830 694	39.43
	332212	Hand and edge tool manufacturing	D	S
	332721	Precision turned product manufacturing	25 642	.91
	332722	Bolt, nut, screw, rivet, and washer manufacturing	2 768 546	97.80
3327225		Internally threaded metal fasteners (except aircraft types)	631 713	8.80
	332721	Precision turned product manufacturing	8 261	1.31
	332722	Bolt, nut, screw, rivet, and washer manufacturing	614 015	97.20
3327227		Nonthreaded metal fasteners (except aircraft types)	956 861	13.33
	332721	Precision turned product manufacturing	12 813	1.34
	332722	Bolt, nut, screw, rivet, and washer manufacturing	908 658	94.96
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
332722A		Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes	1 013 797	14.12
	332722	Bolt, nut, screw, rivet, and washer manufacturing	999 641	98.60
332722W		Bolt, nut, screw, rivet, and washer manufacturing, nsk, total	564 649	7.87
	332710	Machine shops	5 189	.92
	332721	Precision turned product manufacturing	7 733	1.37
	332722	Bolt, nut, screw, rivet, and washer manufacturing	547 180	96.91
332811		Metal heat treating	3 439 795	100.00
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	331314	Secondary smelting and alloying of aluminum	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	332710	Machine shops	32 321	.94
	332721	Precision turned product manufacturing	7 642	.22
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332811	Metal heat treating	3 223 050	93.70
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	71 567	2.08
	332813	Electroplating, plating, polishing, anodizing, and coloring	28 249	.82
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
3328110		Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	3 439 795	100.00
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	331314	Secondary smelting and alloying of aluminum	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	332710	Machine shops	32 321	.94
	332721	Precision turned product manufacturing	7 642	.22
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332811	Metal heat treating	3 223 050	93.70
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	71 567	2.08
	332813	Electroplating, plating, polishing, anodizing, and coloring	28 249	.82
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	9 600 630	100.00
	323113	Commercial screen printing	13 069	.14
	331316	Aluminum extruded product manufacturing	46 708	.49
	332312	Fabricated structural metal manufacturing	D	S
	332313	Plate work manufacturing	D	S
	332321	Metal window and door manufacturing	D	S
	332322	Sheet metal work manufacturing	16 784	.17
	332710	Machine shops	29 143	.30
	332721	Precision turned product manufacturing	5 403	.06
	332811	Metal heat treating	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	9 103 415	94.82
	332813	Electroplating, plating, polishing, anodizing, and coloring	92 651	.97
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332812		Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers—Con.		
3328120		Metal coating, engraving, and allied services	9 600 630	100.00
	323113	Commercial screen printing	13 069	.14
	331316	Aluminum extruded product manufacturing	46 708	.49
	332312	Fabricated structural metal manufacturing	D	S
	332313	Plate work manufacturing	D	S
	332321	Metal window and door manufacturing	D	S
	332322	Sheet metal work manufacturing	D	S
	332710	Machine shops	16 784	.17
	332721	Precision turned product manufacturing	29 143	.30
	332811	Metal heat treating	5 403	.06
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
			9 103 415	94.82
	332813	Electroplating, plating, polishing, anodizing, and coloring	92 651	.97
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
332813		Electroplating, plating, polishing, anodizing, and coloring	5 715 434	100.00
	331316	Aluminum extruded product manufacturing	78 056	1.37
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332116	Metal stamping	13 800	.24
	332710	Machine shops	20 457	.36
	332721	Precision turned product manufacturing	9 206	.16
	332722	Bolt, nut, screw, rivet, and washer manufacturing	12 192	.21
	332811	Metal heat treating	25 857	.45
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	306 750	5.37
	332813	Electroplating, plating, polishing, anodizing, and coloring	5 171 563	90.48
	332911	Industrial valve manufacturing	D	S
	332994	Small arms manufacturing	D	S
3328130		Electroplating, plating, polishing, anodizing, and coloring	5 715 434	100.00
	331316	Aluminum extruded product manufacturing	78 056	1.37
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	332116	Metal stamping	13 800	.24
	332710	Machine shops	20 457	.36
	332721	Precision turned product manufacturing	9 206	.16
	332722	Bolt, nut, screw, rivet, and washer manufacturing	12 192	.21
	332811	Metal heat treating	25 857	.45
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	306 750	5.37
	332813	Electroplating, plating, polishing, anodizing, and coloring	5 171 563	90.48
	332911	Industrial valve manufacturing	D	S
	332994	Small arms manufacturing	D	S
332911		Industrial valve manufacturing	8 045 502	100.00
	326199	All other plastics product manufacturing	D	S
	332721	Precision turned product manufacturing	27 498	.34
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332911	Industrial valve manufacturing	7 531 881	93.62
	332912	Fluid power valve and hose fitting manufacturing	46 548	.58
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	99 343	1.23
	333132	Oil and gas field machinery and equipment manufacturing	24 464	.30
	333911	Pump and pumping equipment manufacturing	44 470	.55
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333992	Welding and soldering equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	108 987	1.35
	334514	Totalizing fluid meter and counting device manufacturing	19 314	.24
	334519	Other measuring and controlling device manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
3329111		Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	1 409 810	17.52
	332911	Industrial valve manufacturing	1 324 766	93.97
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
3329113		Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL)	966 765	12.02
	332911	Industrial valve manufacturing	961 356	99.44
3329115		Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves	1 087 458	13.52
	332911	Industrial valve manufacturing	1 032 927	94.99
	332912	Fluid power valve and hose fitting manufacturing	20 131	1.85
	332919	Other metal valve and pipe fitting manufacturing	32 548	2.99
3329117		Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves	544 040	6.76
	332911	Industrial valve manufacturing	525 530	96.60
	333132	Oil and gas field machinery and equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
3329119		Industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined	275 503	3.42
	332911	Industrial valve manufacturing	271 070	98.39
332911B		All other miscellaneous industrial valves	990 832	12.32
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332911	Industrial valve manufacturing	913 446	92.19
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	19 213	1.94
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332911		Industrial valve manufacturing—Con.		
332911D		Nuclear valves (N-stamp only)	72 502	.90
	332911	Industrial valve manufacturing	71 830	99.07
332911F		Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	1 991 063	24.75
	332911	Industrial valve manufacturing	1 832 855	92.05
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	19 831	1.00
	333911	Pump and pumping equipment manufacturing	D	S
	333992	Welding and soldering equipment manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334514	Totalizing fluid meter and counting device manufacturing	19 314	.97
	334519	Other measuring and controlling device manufacturing	D	S
332911H		Solenoid-operated valves and parts, except nuclear and fluid power transfer	377 718	4.69
	326199	All other plastics product manufacturing	D	S
	332911	Industrial valve manufacturing	298 601	79.05
	332919	Other metal valve and pipe fitting manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
332911W		Industrial valve manufacturing, nsk, total	329 811	4.10
	332721	Precision turned product manufacturing	27 204	8.25
	332911	Industrial valve manufacturing	299 500	90.81
332912		Fluid power valve and hose fitting manufacturing	5 676 990	100.00
	326211	Tire manufacturing (except retreading)	D	S
	326220	Rubber and plastics hoses and belting manufacturing	31 098	.55
	332721	Precision turned product manufacturing	37 739	.66
	332911	Industrial valve manufacturing	127 473	2.25
	332912	Fluid power valve and hose fitting manufacturing	4 887 715	86.10
	332919	Other metal valve and pipe fitting manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333913	Measuring and dispensing pump manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	244 069	4.30
	333996	Fluid power pump and motor manufacturing	129 528	2.28
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	335314	Relay and industrial control manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	23 264	.41
	336413	Other aircraft parts and auxiliary equipment manufacturing	23 569	.42
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
3329121		Aerospace type hydraulic fluid power valves	717 176	12.63
	332912	Fluid power valve and hose fitting manufacturing	618 883	86.29
	333995	Fluid power cylinder and actuator manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
3329123		Aerospace type pneumatic fluid power valves	400 619	7.06
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	362 224	90.42
	333996	Fluid power pump and motor manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
3329125		Nonaerospace type hydraulic directional control valves	419 135	7.38
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	343 815	82.03
	333995	Fluid power cylinder and actuator manufacturing	14 158	3.38
	333996	Fluid power pump and motor manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
3329127		Nonaerospace type hydraulic valves, except directional control	563 123	9.92
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	384 151	68.22
	333995	Fluid power cylinder and actuator manufacturing	D	S
	333996	Fluid power pump and motor manufacturing	D	S
	335314	Relay and industrial control manufacturing	D	S
3329129		Nonaerospace type pneumatic directional control valves	492 388	8.67
	332721	Precision turned product manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	400 825	81.40
	333995	Fluid power cylinder and actuator manufacturing	6 225	1.26
	335313	Switchgear and switchboard apparatus manufacturing	D	S
332912B		Nonaerospace type pneumatic valves, except directional control	142 130	2.50
	332912	Fluid power valve and hose fitting manufacturing	136 135	95.78
332912D		Parts for fluid power valves	184 326	3.25
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	106 852	57.97
	333995	Fluid power cylinder and actuator manufacturing	11 239	6.10
	333996	Fluid power pump and motor manufacturing	D	S
332912F		Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	638 325	11.24
	332721	Precision turned product manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	552 930	86.62
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
332912H		Nonaerospace type flared (metal) fittings, couplings, and assemblies of tubing used in fluid power transfer systems	391 254	6.89
	332912	Fluid power valve and hose fitting manufacturing	384 187	98.19
332912J		Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems	536 414	9.45
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	504 610	94.07
	333913	Measuring and dispensing pump manufacturing	D	S
332912L		Nonaerospace type hydraulic and pneumatic fittings and couplings for hose	706 617	12.45
	326211	Tire manufacturing (except retreading)	D	S
	332912	Fluid power valve and hose fitting manufacturing	660 549	93.48
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333996	Fluid power pump and motor manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332912		Fluid power valve and hose fitting manufacturing—Con.		
332912N		Non-aerospace type hydraulic and pneumatic assemblies of hose	274 125	4.83
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	245 656	89.61
332912W		Fluid power valve and hose fitting manufacturing, nsk, total	211 358	3.72
	332721	Precision turned product manufacturing	14 445	6.83
	332912	Fluid power valve and hose fitting manufacturing	186 898	88.43
332913		Plumbing fixture fitting and trim manufacturing	3 138 725	100.00
	325520	Adhesive manufacturing	D	S
	326191	Plastics plumbing fixture manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	3 033 423	96.65
	332998	Enameled iron and metal sanitary ware manufacturing	28 405	.90
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3329131		Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscald bath or shower valves (brass goods)	1 144 127	36.45
	325520	Adhesive manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	1 096 723	95.86
	332998	Enameled iron and metal sanitary ware manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3329133		Lavatory and sink fittings (except single control), including drains and overflows (brass goods)	544 718	17.35
	326191	Plastics plumbing fixture manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	534 522	98.13
3329138		Miscellaneous plumbing fixtures, fittings, and trim (brass goods)	1 178 598	37.55
	332323	Ornamental and architectural metal work manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	1 140 220	96.74
	332998	Enameled iron and metal sanitary ware manufacturing	D	S
332913W		Plumbing fixture fitting and trim manufacturing, nsk, total	271 282	8.64
	332913	Plumbing fixture fitting and trim manufacturing	261 958	96.56
	339999	All other miscellaneous manufacturing	D	S
332919		Other metal valve and pipe fitting manufacturing	2 701 665	100.00
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	D	S
	331511	Iron foundries	D	S
	332111	Iron and steel forging	D	S
	332322	Sheet metal work manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332911	Industrial valve manufacturing	213 137	7.89
	332912	Fluid power valve and hose fitting manufacturing	60 260	2.23
	332913	Plumbing fixture fitting and trim manufacturing	20 159	.75
	332919	Other metal valve and pipe fitting manufacturing	2 262 561	83.75
	333913	Measuring and dispensing pump manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
3329191		Plumbing and heating valves and specialties, except plumbers' brass goods	553 253	20.48
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	D	S
	332911	Industrial valve manufacturing	51 104	9.24
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	17 768	3.21
	332919	Other metal valve and pipe fitting manufacturing	438 321	79.23
3329194		Metal fittings, flanges, and unions for piping systems	1 791 819	66.32
	327111	Vitreous china and earthenware plumbing fixture and accessories mfg	D	S
	331511	Iron foundries	D	S
	332111	Iron and steel forging	D	S
	332322	Sheet metal work manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332911	Industrial valve manufacturing	162 033	9.04
	332912	Fluid power valve and hose fitting manufacturing	48 033	2.68
	332919	Other metal valve and pipe fitting manufacturing	1 473 167	82.22
	333913	Measuring and dispensing pump manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
332919W		Other metal valve and pipe fitting manufacturing, nsk, total	356 593	13.20
	332919	Other metal valve and pipe fitting manufacturing	351 073	98.45
332991		Ball and roller bearing manufacturing	5 547 655	100.00
	332991	Ball and roller bearing manufacturing	5 476 148	98.71
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	15 743	.28
	333613	Mechanical power transmission equipment manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
3329911		Ball bearings, complete, unmounted	1 874 355	33.79
	332991	Ball and roller bearing manufacturing	1 868 520	99.69
3329913		Tapered roller bearings (including cups and cones), unmounted	1 465 005	26.41
	332991	Ball and roller bearing manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
3329915		Other roller bearings, unmounted	1 043 692	18.81
	332991	Ball and roller bearing manufacturing	1 027 093	98.41
	333618	Other engine equipment manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
3329917		Mounted bearings (except plain)	469 668	8.47
	332991	Ball and roller bearing manufacturing	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
3329919		Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones)	624 222	11.25
	332991	Ball and roller bearing manufacturing	613 819	98.33
332991W		Ball and roller bearing manufacturing, nsk, total	70 713	1.27
	332991	Ball and roller bearing manufacturing	70 694	99.97

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332992		Small arms ammunition manufacturing	889 841	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	332992	Small arms ammunition manufacturing	D	S
	332994	Small arms manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
3329920		Small arms ammunition	889 841	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	332992	Small arms ammunition manufacturing	D	S
	332994	Small arms manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
332993		Ammunition (except small arms) manufacturing	809 147	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	332992	Small arms ammunition manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	623 905	77.11
	332995	Other ordnance and accessories manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
3329931		Artillery ammunition (more than 30 mm, more than 1.18 in.)	460 976	56.97
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	332992	Small arms ammunition manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	359 773	78.05
	332995	Other ordnance and accessories manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
3329933		All other miscellaneous ammunition (except for small arms)	342 820	42.37
	332993	Ammunition (except small arms) manufacturing	258 781	75.49
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
332993W		Ammunition (except small arms) manufacturing, nsk, total	5 351	.66
	332993	Ammunition (except small arms) manufacturing	5 351	100.00
332994		Small arms manufacturing	1 528 027	100.00
	325413	In-vitro diagnostic substance manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
	332994	Small arms manufacturing	1 423 703	93.17
	336411	Aircraft manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
3329941		Machine guns (30 mm or less, 1.18 in. or less)	D	S
	332994	Small arms manufacturing	D	S
	336411	Aircraft manufacturing	D	S
3329944		Small arms (30 mm or less, 1.18 in. or less)	D	S
	325413	In-vitro diagnostic substance manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
	332994	Small arms manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
332994W		Small arms manufacturing, nsk, total	66 961	4.38
	332994	Small arms manufacturing	66 435	99.21
332995		Other ordnance and accessories manufacturing	1 335 448	100.00
	332993	Ammunition (except small arms) manufacturing	111 274	8.33
	332995	Other ordnance and accessories manufacturing	1 040 030	77.88
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
3329951		Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	739 881	55.40
	332993	Ammunition (except small arms) manufacturing	D	S
	332995	Other ordnance and accessories manufacturing	675 380	91.28
	333618	Other engine equipment manufacturing	D	S
3329952		All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	573 228	42.92
	332993	Ammunition (except small arms) manufacturing	D	S
	332995	Other ordnance and accessories manufacturing	343 617	59.94
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
332995W		Other ordnance and accessories manufacturing, nsk, total	22 339	1.67
	332995	Other ordnance and accessories manufacturing	21 033	94.15
332996		Fabricated pipe and pipe fitting manufacturing	3 605 906	100.00
	331221	Rolled steel shape manufacturing	D	S
	332114	Custom roll forming	13 793	.38
	332312	Fabricated structural metal manufacturing	14 323	.40
	332313	Plate work manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	14 023	.39
	332410	Power boiler and heat exchanger manufacturing	7 933	.22
	332420	Metal tank (heavy gauge) manufacturing	5 794	.16
	332710	Machine shops	7 510	.21
	332911	Industrial valve manufacturing	20 839	.58
	332919	Other metal valve and pipe fitting manufacturing	6 358	.18
	332996	Fabricated pipe and pipe fitting manufacturing	3 452 370	95.74
	332999	All other miscellaneous fabricated metal product manufacturing	9 636	.27
	335932	Noncurrent-carrying wiring device manufacturing	D	S
3329960		Fabricated pipe and pipe fittings made from purchased pipe	3 605 906	100.00
	331221	Rolled steel shape manufacturing	D	S
	332114	Custom roll forming	13 793	.38
	332312	Fabricated structural metal manufacturing	14 323	.40
	332313	Plate work manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	14 023	.39
	332410	Power boiler and heat exchanger manufacturing	7 933	.22

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332996		Fabricated pipe and pipe fitting manufacturing—Con.		
3329960		Fabricated pipe and pipe fittings made from purchased pipe—Con.		
	332420	Metal tank (heavy gauge) manufacturing	5 794	.16
	332710	Machine shops	7 510	.21
	332911	Industrial valve manufacturing	20 839	.58
	332919	Other metal valve and pipe fitting manufacturing	6 358	.18
	332996	Fabricated pipe and pipe fitting manufacturing	3 452 370	95.74
	332999	All other miscellaneous fabricated metal product manufacturing	9 636	.27
	335932	Noncurrent-carrying wiring device manufacturing	D	S
332997		Industrial pattern manufacturing	617 342	100.00
	331511	Iron foundries	50 627	8.20
	331512	Steel investment foundries	15 546	2.52
	331513	Steel foundries (except investment)	21 211	3.44
	331522	Nonferrous (except aluminum) die-casting foundries	D	S
	331524	Aluminum foundries (except die-casting)	32 173	5.21
	331528	Other nonferrous foundries (except die-casting)	6 225	1.01
	332710	Machine shops	D	S
	332997	Industrial pattern manufacturing	441 381	71.50
	333511	Industrial mold manufacturing	23 914	3.87
3329970		Industrial patterns	617 342	100.00
	331511	Iron foundries	50 627	8.20
	331512	Steel investment foundries	15 546	2.52
	331513	Steel foundries (except investment)	21 211	3.44
	331522	Nonferrous (except aluminum) die-casting foundries	D	S
	331524	Aluminum foundries (except die-casting)	32 173	5.21
	331528	Other nonferrous foundries (except die-casting)	6 225	1.01
	332710	Machine shops	D	S
	332997	Industrial pattern manufacturing	441 381	71.50
	333511	Industrial mold manufacturing	23 914	3.87
332998		Enameled iron and metal sanitary ware manufacturing	1 229 839	100.00
	326191	Plastics plumbing fixture manufacturing	D	S
	332322	Sheet metal work manufacturing	5 198	.42
	332998	Enameled iron and metal sanitary ware manufacturing	1 181 895	96.10
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3329980		Enameled iron and metal sanitary ware	1 229 839	100.00
	326191	Plastics plumbing fixture manufacturing	D	S
	332322	Sheet metal work manufacturing	5 198	.42
	332998	Enameled iron and metal sanitary ware manufacturing	1 181 895	96.10
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
332999		All other miscellaneous fabricated metal product manufacturing	11 755 386	100.00
	322222	Coated and laminated paper manufacturing	D	S
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	322299	All other converted paper product manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	331421	Copper rolling, drawing, and extruding	D	S
	331513	Steel foundries (except investment)	D	S
	332116	Metal stamping	6 504	.06
	332311	Prefabricated metal building and component manufacturing	8 323	.07
	332312	Fabricated structural metal manufacturing	15 734	.13
	332313	Plate work manufacturing	16 840	.14
	332321	Metal window and door manufacturing	D	S
	332322	Sheet metal work manufacturing	72 460	.62
	332323	Ornamental and architectural metal work manufacturing	24 283	.21
	332420	Metal tank (heavy gauge) manufacturing	26 159	.22
	332439	Other metal container manufacturing	21 570	.18
	332510	Hardware manufacturing	29 786	.25
	332611	Spring (heavy gauge) manufacturing	D	S
	332612	Spring (light gauge) manufacturing	D	S
	332618	Other fabricated wire product manufacturing	6 964	.06
	332710	Machine shops	59 773	.51
	332721	Precision turned product manufacturing	14 302	.12
	332919	Other metal valve and pipe fitting manufacturing	D	S
	332996	Fabricated pipe and pipe fitting manufacturing	18 064	.15
	332999	All other miscellaneous fabricated metal product manufacturing	10 640 947	90.52
	333120	Construction machinery manufacturing	D	S
	333311	Automatic vending machine manufacturing	12 674	.11
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	333913	Measuring and dispensing pump manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	30 379	.26
	335931	Current-carrying wiring device manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	8 566	.07
	336370	Motor vehicle metal stamping	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	10 615	.09
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339912	Silverware and hollowware manufacturing	32 570	.28
	339950	Sign manufacturing	7 415	.06
3329992		Converted unmounted aluminum foil packaging products	778 831	6.63
	322222	Coated and laminated paper manufacturing	D	S
	326112	Plastics packaging film and sheet (including laminated) manufacturing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	331315	Aluminum sheet, plate, and foil manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	644 219	82.72
3329995		Miscellaneous machinery products	1 327 423	11.29
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	332313	Plate work manufacturing	7 745	.58
	332710	Machine shops	50 382	3.80
	332721	Precision turned product manufacturing	8 862	.67
	332919	Other metal valve and pipe fitting manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	1 131 580	85.25

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
332999		All other miscellaneous fabricated metal product manufacturing—Con.		
3329995		Miscellaneous machinery products—Con.		
	333613	Mechanical power transmission equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	23 674	1.78
	336370	Motor vehicle metal stamping	D	S
3329997		Fabricated metal collapsible tubes	74 277	.63
	332999	All other miscellaneous fabricated metal product manufacturing	69 269	93.26
3329999		Flat metal strapping	395 967	3.37
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
332999B		Metal ladders	342 391	2.91
	326199	All other plastics product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
332999H		All other miscellaneous fabricated metal products	5 553 752	47.24
	325611	Soap and other detergent manufacturing	D	S
	326199	All other plastics product manufacturing	23 511	.42
	331421	Copper rolling, drawing, and extruding	D	S
	331513	Steel foundries (except investment)	D	S
	332311	Prefabricated metal building and component manufacturing	7 947	.14
	332312	Fabricated structural metal manufacturing	14 692	.26
	332321	Metal window and door manufacturing	D	S
	332322	Sheet metal work manufacturing	13 634	.25
	332323	Ornamental and architectural metal work manufacturing	15 937	.29
	332420	Metal tank (heavy gauge) manufacturing	24 091	.43
	332439	Other metal container manufacturing	19 893	.36
	332510	Hardware manufacturing	29 611	.53
	332611	Spring (heavy gauge) manufacturing	D	S
	332612	Spring (light gauge) manufacturing	D	S
	332618	Other fabricated wire product manufacturing	6 736	.12
	332710	Machine shops	7 444	.13
	332996	Fabricated pipe and pipe fitting manufacturing	6 110	.11
	332999	All other miscellaneous fabricated metal product manufacturing	4 990 318	89.85
	333120	Construction machinery manufacturing	D	S
	333311	Automatic vending machine manufacturing	12 674	.23
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	333913	Measuring and dispensing pump manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	8 641	.16
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339912	Silverware and hollowware manufacturing	32 570	.59
	339950	Sign manufacturing	6 178	.11
332999W		All other miscellaneous fabricated metal product manufacturing, nsk, total	3 282 745	27.93
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	322299	All other converted paper product manufacturing	D	S
	332322	Sheet metal work manufacturing	56 555	1.72
	332323	Ornamental and architectural metal work manufacturing	7 720	.24
	332996	Fabricated pipe and pipe fitting manufacturing	8 293	.25
	332999	All other miscellaneous fabricated metal product manufacturing	3 163 510	96.37
333111		Farm machinery and equipment manufacturing	13 537 170	100.00
	331511	Iron foundries	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	D	S
	332439	Other metal container manufacturing	28 424	.21
	332710	Machine shops	12 373	.09
	333111	Farm machinery and equipment manufacturing	12 985 011	95.92
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	91 096	.67
	333120	Construction machinery manufacturing	227 371	1.68
	333291	Paper industry machinery manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	336212	Truck trailer manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
3331111		Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments)	3 325 218	24.56
	333111	Farm machinery and equipment manufacturing	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
3331114		Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	650 877	4.81
	333111	Farm machinery and equipment manufacturing	566 684	87.06
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
3331117		Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery	825 062	6.09
	333111	Farm machinery and equipment manufacturing	789 848	95.73
	333120	Construction machinery manufacturing	D	S
3331119		Harvesting machinery (except hay and straw) and attachments	D	S
	333111	Farm machinery and equipment manufacturing	D	S
333111A		Haying machinery and attachments	767 915	5.67
	333111	Farm machinery and equipment manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
333111C		Parts for farm machinery, for sale separately	1 270 884	9.39
	332439	Other metal container manufacturing	D	S
	332710	Machine shops	D	S
	333111	Farm machinery and equipment manufacturing	1 180 500	92.89
	333120	Construction machinery manufacturing	18 617	1.46
	336312	Gasoline engine and engine parts manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
333111E		Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeders, and attachments	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	336212	Truck trailer manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333111		Farm machinery and equipment manufacturing—Con.		
333111G		All other farm machinery and equipment (excluding parts), including attachments	1 946 235	14.38
	331511	Iron foundries	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	1 857 757	95.45
	333120	Construction machinery manufacturing	5 723	.29
	333291	Paper industry machinery manufacturing	D	S
333111J		Commercial turf and grounds care equipment, including parts and attachments	1 855 679	13.71
	333111	Farm machinery and equipment manufacturing	1 746 859	94.14
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	71 977	3.88
	333120	Construction machinery manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
333111W		Farm machinery and equipment manufacturing, nsk, total	551 332	4.07
	333111	Farm machinery and equipment manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
333112		Lawn and garden tractor and home lawn and garden equipment manufacturing	6 355 028	100.00
	326199	All other plastics product manufacturing	19 139	.30
	333111	Farm machinery and equipment manufacturing	45 212	.71
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	6 184 454	97.32
	333120	Construction machinery manufacturing	6 745	.11
	333613	Mechanical power transmission equipment manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
3331121		Consumer nonriding lawn, garden, and snow equipment	2 712 635	42.68
	333111	Farm machinery and equipment manufacturing	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	2 648 016	97.62
	333991	Power-driven handtool manufacturing	D	S
3331123		Consumer riding lawn, garden, and snow equipment	2 801 385	44.08
	333111	Farm machinery and equipment manufacturing	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	2 780 465	99.25
3331127		Parts and attachments for consumer lawn, garden, and snow equipment	751 300	11.82
	326199	All other plastics product manufacturing	15 185	2.02
	333111	Farm machinery and equipment manufacturing	8 887	1.18
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	667 065	88.79
	333613	Mechanical power transmission equipment manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
333112W		Lawn and garden tractor and home lawn and garden equipment manufacturing, nsk, total	89 708	1.41
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	88 908	99.11
333120		Construction machinery manufacturing	16 694 677	100.00
	332312	Fabricated structural metal manufacturing	10 252	.06
	333111	Farm machinery and equipment manufacturing	304 704	1.83
	333120	Construction machinery manufacturing	16 159 460	96.79
	333131	Mining machinery and equipment manufacturing	44 655	.27
	333210	Sawmill and woodworking machinery manufacturing	D	S
	333291	Paper industry machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	7 052	.04
	334519	Other measuring and controlling device manufacturing	D	S
	336211	Motor vehicle body manufacturing	20 357	.12
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
3331201		Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment	11 971 192	71.71
	332312	Fabricated structural metal manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	167 203	1.40
	333120	Construction machinery manufacturing	11 757 575	98.22
	336211	Motor vehicle body manufacturing	D	S
3331208		Other construction machinery and equipment (excluding parts)	1 879 437	11.26
	333111	Farm machinery and equipment manufacturing	24 781	1.32
	333120	Construction machinery manufacturing	1 748 315	93.02
	333131	Mining machinery and equipment manufacturing	21 766	1.16
	333210	Sawmill and woodworking machinery manufacturing	D	S
	333291	Paper industry machinery manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	336211	Motor vehicle body manufacturing	7 391	.39
3331209		Parts for construction machinery and equipment, sold separately	2 276 126	13.63
	333111	Farm machinery and equipment manufacturing	112 720	4.95
	333120	Construction machinery manufacturing	2 086 128	91.65
	333131	Mining machinery and equipment manufacturing	18 421	.81
	333319	Other commercial and service industry machinery manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
333120W		Construction machinery manufacturing, nsk, total	567 922	3.40
	333120	Construction machinery manufacturing	567 442	99.92
333131		Mining machinery and equipment manufacturing	1 949 863	100.00
	333120	Construction machinery manufacturing	403 774	20.71
	333131	Mining machinery and equipment manufacturing	1 472 052	75.50
	333132	Oil and gas field machinery and equipment manufacturing	36 877	1.89
	333319	Other commercial and service industry machinery manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	D	S
3331311		Underground mining machinery (except parts sold separately)	476 036	24.41
	333131	Mining machinery and equipment manufacturing	475 120	99.81
3331313		Mineral processing and beneficiation machinery (except parts sold separately)	D	S
	333120	Construction machinery manufacturing	D	S
	333131	Mining machinery and equipment manufacturing	D	S
3331315		Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants)	243 675	12.50
	333120	Construction machinery manufacturing	D	S
	333131	Mining machinery and equipment manufacturing	D	S
3331317		Drills and other mining machinery (except parts sold separately)	D	S
	333120	Construction machinery manufacturing	D	S
	333131	Mining machinery and equipment manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	D	S
3331319		Parts and attachments for mining machinery and equipment (sold separately)	619 835	31.79
	333120	Construction machinery manufacturing	63 418	10.23

See footnotes at end of table.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333131		Mining machinery and equipment manufacturing—Con.		
3331319		Parts and attachments for mining machinery and equipment (sold separately)—Con.		
	333131	Mining machinery and equipment manufacturing	529 239	85.38
	333132	Oil and gas field machinery and equipment manufacturing	9 190	1.48
333131W		Mining machinery and equipment manufacturing, nsk, total	176 678	9.06
	333131	Mining machinery and equipment manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
333132		Oil and gas field machinery and equipment manufacturing	4 912 053	100.00
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	332911	Industrial valve manufacturing	5 370	.11
	333120	Construction machinery manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	4 794 843	97.61
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
3331321		Rotary oil and gas field drilling machinery and equipment	1 380 119	28.10
	333132	Oil and gas field machinery and equipment manufacturing	1 368 686	99.17
3331323		Other oil and gas field drilling machinery and equipment	790 394	16.09
	333120	Construction machinery manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	732 771	92.71
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
3331325		Oil and gas field production machinery and equipment (except pumps)	1 872 598	38.12
	326122	Plastics pipe and pipe fitting manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	D	S
3331327		Portable drilling rigs and parts (above ground)	381 313	7.76
	333120	Construction machinery manufacturing	D	S
	333132	Oil and gas field machinery and equipment manufacturing	D	S
3331329		Oil and gas field derricks and well surveying machinery	103 898	2.12
	333132	Oil and gas field machinery and equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
333132W		Oil and gas field machinery and equipment manufacturing, nsk, total	383 731	7.81
	333132	Oil and gas field machinery and equipment manufacturing	381 260	99.36
333210		Sawmill and woodworking machinery manufacturing	887 722	100.00
	326199	All other plastics product manufacturing	D	S
	332312	Fabricated structural metal manufacturing	D	S
	333210	Sawmill and woodworking machinery manufacturing	857 981	96.65
3332103		Woodworking machinery, including parts, attachments, and accessories	735 769	82.88
	326199	All other plastics product manufacturing	D	S
	332312	Fabricated structural metal manufacturing	D	S
	333210	Sawmill and woodworking machinery manufacturing	706 739	96.05
3332105		Woodworking machinery for home workshops, garages, and service shops (excluding chainsaws and other power-driven handtools)	85 265	9.60
	333210	Sawmill and woodworking machinery manufacturing	84 563	99.18
333210W		Sawmill and woodworking machinery manufacturing, nsk, total	66 688	7.51
	333210	Sawmill and woodworking machinery manufacturing	66 679	99.99
333220		Plastics and rubber industry machinery manufacturing	2 686 233	100.00
	326199	All other plastics product manufacturing	29 953	1.12
	332313	Plate work manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	2 573 530	95.80
	333298	All other industrial machinery manufacturing	8 191	.30
	333993	Packaging machinery manufacturing	D	S
	333994	Industrial process furnace and oven manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	12 479	.46
3332201		Plastics-working machinery and equipment, excluding patterns and molds	2 379 486	88.58
	326199	All other plastics product manufacturing	29 953	1.26
	332313	Plate work manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	2 269 205	95.37
	333298	All other industrial machinery manufacturing	8 173	.34
	333993	Packaging machinery manufacturing	D	S
	333994	Industrial process furnace and oven manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	12 479	.52
3332203		Rubber-working machinery and equipment, excluding tire molds	217 921	8.11
	333220	Plastics and rubber industry machinery manufacturing	215 643	98.95
333220W		Plastics and rubber industry machinery manufacturing, nsk, total	88 826	3.31
	333220	Plastics and rubber industry machinery manufacturing	88 682	99.84
333291		Paper industry machinery manufacturing	1 580 434	100.00
	326299	All other rubber product manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	25 195	1.59
	333291	Paper industry machinery manufacturing	1 481 782	93.76
	333293	Printing machinery and equipment manufacturing	D	S
	333295	Semiconductor machinery manufacturing	D	S
3332911		Paper industry machinery	814 596	51.54
	333220	Plastics and rubber industry machinery manufacturing	D	S
	333291	Paper industry machinery manufacturing	768 945	94.40
	333295	Semiconductor machinery manufacturing	D	S
3332913		Parts and attachments for paper industry machinery (sold separately)	584 007	36.95
	333220	Plastics and rubber industry machinery manufacturing	D	S
	333291	Paper industry machinery manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
333291W		Paper industry machinery manufacturing, nsk, total	181 831	11.51
	326299	All other rubber product manufacturing	D	S
	333291	Paper industry machinery manufacturing	D	S
333292		Textile machinery manufacturing	808 864	100.00
	333292	Textile machinery manufacturing	D	S
3332921		Textile machinery (except parts, attachments, and accessories)	D	S
	333292	Textile machinery manufacturing	D	S
3332923		Parts and attachments for textile machinery	D	S
	333292	Textile machinery manufacturing	D	S
333292W		Textile machinery manufacturing, nsk, total	36 198	4.48
	333292	Textile machinery manufacturing	36 132	99.82
333293		Printing machinery and equipment manufacturing	2 724 212	100.00
	325910	Printing ink manufacturing	10 232	.38
	332721	Precision turned product manufacturing	D	S
	333291	Paper industry machinery manufacturing	D	S
	333292	Textile machinery manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	2 613 771	95.95

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333293		Printing machinery and equipment manufacturing—Con.		
	333411	Air purification equipment manufacturing	D	S
3332931		Printing presses, offset lithographic	372 574	13.68
	333293	Printing machinery and equipment manufacturing	372 574	100.00
3332933		Printing presses, other than lithographic	335 057	12.30
	333291	Paper industry machinery manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
3332937		Binding machinery and equipment (including paper cutting, collating, and gathering machines)	D	S
	333293	Printing machinery and equipment manufacturing	D	S
3332939		All other miscellaneous printing trades machinery	1 440 115	52.86
	325910	Printing ink manufacturing	D	S
	333291	Paper industry machinery manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	1 377 113	95.63
	333411	Air purification equipment manufacturing	D	S
333293W		Printing machinery and equipment manufacturing, nsk, total	318 909	11.71
	332721	Precision turned product manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
333294		Food product machinery manufacturing	2 549 270	100.00
	332322	Sheet metal work manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	333294	Food product machinery manufacturing	2 434 427	95.50
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	12 607	.49
	333993	Packaging machinery manufacturing	D	S
3332941		Dairy and milk products plant machinery and equipment (except bottling and packaging)	292 876	11.49
	333294	Food product machinery manufacturing	289 195	98.74
3332943		Commercial food products machinery (except packaging machinery and food cooking and warming equipment)	992 111	38.92
	332322	Sheet metal work manufacturing	D	S
	333294	Food product machinery manufacturing	921 454	92.88
	333993	Packaging machinery manufacturing	D	S
3332945		Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed	997 722	39.14
	333111	Farm machinery and equipment manufacturing	D	S
	333294	Food product machinery manufacturing	958 911	96.11
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	7 820	.78
333294W		Food product machinery manufacturing, nsk, total	266 561	10.46
	333294	Food product machinery manufacturing	264 867	99.36
333295		Semiconductor machinery manufacturing	8 789 393	100.00
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	333295	Semiconductor machinery manufacturing	8 618 380	98.05
	334413	Semiconductor and related device manufacturing	D	S
3332950		Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic)	8 789 393	100.00
	326150	Urethane and other foam product (except polystyrene) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	333295	Semiconductor machinery manufacturing	8 618 380	98.05
	334413	Semiconductor and related device manufacturing	D	S
333298		All other industrial machinery manufacturing	7 029 144	100.00
	325188	All other basic inorganic chemical manufacturing	D	S
	325199	All other basic organic chemical manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	327331	Concrete block and brick manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332213	Saw blade and handsaw manufacturing	D	S
	332710	Machine shops	7 763	.11
	333220	Plastics and rubber industry machinery manufacturing	38 592	.55
	333293	Printing machinery and equipment manufacturing	D	S
	333294	Food product machinery manufacturing	42 080	.60
	333295	Semiconductor machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	6 692 303	95.21
	333518	Other metalworking machinery manufacturing	19 675	.28
	333999	All other miscellaneous general purpose machinery manufacturing	9 983	.14
	334519	Other measuring and controlling device manufacturing	D	S
	336411	Aircraft manufacturing	D	S
3332981		Chemical manufacturing machinery, equipment, and parts	1 312 363	18.67
	325199	All other basic organic chemical manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	19 944	1.52
	333294	Food product machinery manufacturing	32 858	2.50
	333298	All other industrial machinery manufacturing	1 237 302	94.28
3332983		Foundry machinery and equipment, excluding patterns and molds	403 390	5.74
	333298	All other industrial machinery manufacturing	394 076	97.69
3332985		Printed circuit board manufacturing machinery, except testing	977 625	13.91
	333295	Semiconductor machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	932 573	95.39
	334519	Other measuring and controlling device manufacturing	D	S
3332987		All other miscellaneous special industry machinery and equipment	3 718 304	52.90
	325188	All other basic inorganic chemical manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	327331	Concrete block and brick manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332213	Saw blade and handsaw manufacturing	D	S
	332710	Machine shops	6 788	.18
	333220	Plastics and rubber industry machinery manufacturing	18 334	.49
	333293	Printing machinery and equipment manufacturing	D	S
	333294	Food product machinery manufacturing	9 222	.25
	333298	All other industrial machinery manufacturing	3 511 365	94.43
	333518	Other metalworking machinery manufacturing	19 670	.53
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336411	Aircraft manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333298		All other industrial machinery manufacturing—Con.		
333298W		All other industrial machinery manufacturing, nsk, total	617 462	8.78
	333298	All other industrial machinery manufacturing	616 987	99.92
333311		Automatic vending machine manufacturing	1 310 196	100.00
	333311	Automatic vending machine manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
3333111		Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms)	824 047	62.89
	333311	Automatic vending machine manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
3333113		Automatic merchandising machines, coin-operated mechanisms, including time switches	124 903	9.53
	333311	Automatic vending machine manufacturing	120 846	96.75
3333114		Currency handling machines, including money changing and dispensing machines	317 889	24.26
	333311	Automatic vending machine manufacturing	312 955	98.45
333311W		Automatic vending machine manufacturing, nsk, total	43 357	3.31
	333311	Automatic vending machine manufacturing	43 357	100.00
333312		Commercial laundry, drycleaning, and pressing machine manufacturing	580 454	100.00
	325611	Soap and other detergent manufacturing	D	S
	333312	Commercial laundry, drycleaning, and pressing machine manufacturing	455 835	78.53
	333319	Other commercial and service industry machinery manufacturing	D	S
	335224	Household laundry equipment manufacturing	D	S
3333120		Commercial laundry, drycleaning, and pressing machines	580 454	100.00
	325611	Soap and other detergent manufacturing	D	S
	333312	Commercial laundry, drycleaning, and pressing machine manufacturing	455 835	78.53
	333319	Other commercial and service industry machinery manufacturing	D	S
	335224	Household laundry equipment manufacturing	D	S
333313		Office machinery manufacturing	2 520 519	100.00
	333311	Automatic vending machine manufacturing	D	S
	333313	Office machinery manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	339942	Lead pencil and art good manufacturing	D	S
	339943	Marking device manufacturing	D	S
	339944	Carbon paper and inked ribbon manufacturing	D	S
3333131		Automatic typing and word processing machines, including parts and attachments	D	S
	333313	Office machinery manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
3333137		Duplicating machines, except parts and attachments	D	S
	333313	Office machinery manufacturing	D	S
333313A		Mailing, letter handling, and addressing machines, except parts and attachments	2 044 821	81.13
	333313	Office machinery manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
333313E		Other electric office machines, including electric pencil sharpeners and electric staplers	77 721	3.08
	333313	Office machinery manufacturing	D	S
333313H		Other office machinery manufacturing	85 316	3.38
	333311	Automatic vending machine manufacturing	D	S
	333313	Office machinery manufacturing	D	S
333313J		All other miscellaneous parts and attachments for office machines	166 326	6.60
	333313	Office machinery manufacturing	82 993	49.90
	339942	Lead pencil and art good manufacturing	D	S
	339943	Marking device manufacturing	D	S
	339944	Carbon paper and inked ribbon manufacturing	D	S
333313W		Office machinery manufacturing, nsk, total	64 086	2.54
	333313	Office machinery manufacturing	63 595	99.23
333314		Optical instrument and lens manufacturing	3 116 993	100.00
	325612	Polish and other sanitation good manufacturing	D	S
	333314	Optical instrument and lens manufacturing	2 835 675	90.97
	334413	Semiconductor and related device manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	71 767	2.30
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334516	Analytical laboratory instrument manufacturing	64 717	2.08
	334519	Other measuring and controlling device manufacturing	21 073	.68
	339111	Laboratory apparatus and furniture device manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
	339115	Ophthalmic goods manufacturing	D	S
3333141		Sighting, tracking, and fire-control equipment, optical-type	711 521	22.83
	325612	Polish and other sanitation good manufacturing	D	S
	333314	Optical instrument and lens manufacturing	579 171	81.40
	334413	Semiconductor and related device manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3333143		All other miscellaneous optical instruments and lenses	2 185 350	70.11
	333314	Optical instrument and lens manufacturing	2 036 455	93.19
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	64 687	2.96
	334519	Other measuring and controlling device manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339115	Ophthalmic goods manufacturing	D	S
333314W		Optical instrument and lens manufacturing, nsk, total	220 122	7.06
	333314	Optical instrument and lens manufacturing	220 049	99.97
333315		Photographic and photocopying equipment manufacturing	2 133 928	100.00
	325992	Photographic film, paper, plate, and chemical manufacturing	302 985	14.20
	333315	Photographic and photocopying equipment manufacturing	1 725 183	80.85
	335221	Household cooking appliance manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333315		Photographic and photocopying equipment manufacturing—Con.		
3333151		Still picture photographic equipment	835 081	39.13
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
3333153		Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc.	611 861	28.67
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
3333155		Microfilming, blueprinting, and whiteprinting equipment	20 710	.97
	333315	Photographic and photocopying equipment manufacturing	13 666	65.99
3333157		Motion picture equipment	386 057	18.09
	333315	Photographic and photocopying equipment manufacturing	382 300	99.03
333315W		Photographic and photocopying equipment manufacturing, nsk, total	280 219	13.13
	333315	Photographic and photocopying equipment manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S
333319		Other commercial and service industry machinery manufacturing	10 431 536	100.00
	325612	Polish and other sanitation good manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	326199	All other plastics product manufacturing	28 702	.28
	332214	Kitchen utensil, pot, and pan manufacturing	D	S
	332322	Sheet metal work manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	23 767	.23
	333111	Farm machinery and equipment manufacturing	8 260	.08
	333294	Food product machinery manufacturing	55 832	.54
	333319	Other commercial and service industry machinery manufacturing	9 370 504	89.83
	333911	Pump and pumping equipment manufacturing	11 544	.11
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	333993	Packaging machinery manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	14 497	.14
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	335212	Household vacuum cleaner manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
3333191		Commercial cooking and food-warming equipment	2 149 572	20.61
	332214	Kitchen utensil, pot, and pan manufacturing	D	S
	332322	Sheet metal work manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333294	Food product machinery manufacturing	55 062	2.56
	333319	Other commercial and service industry machinery manufacturing	1 965 974	91.46
	333993	Packaging machinery manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
3333193		Commercial and industrial vacuum cleaners, including parts and attachments	466 881	4.48
	333319	Other commercial and service industry machinery manufacturing	D	S
	335212	Household vacuum cleaner manufacturing	D	S
3333195		Automotive maintenance equipment, except handtools	613 888	5.88
	326199	All other plastics product manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
3333197		Electronic teaching machines, teaching aids, trainers, and simulators, including kits	1 197 876	11.48
	333319	Other commercial and service industry machinery manufacturing	858 836	71.70
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
333319A		Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	5 481 154	52.54
	325612	Polish and other sanitation good manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	8 260	.15
	333319	Other commercial and service industry machinery manufacturing	5 018 022	91.55
	333911	Pump and pumping equipment manufacturing	11 544	.21
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
333319W		Other commercial and service industry machinery manufacturing, nsk, total	522 165	5.01
	333319	Other commercial and service industry machinery manufacturing	521 710	99.91
333411		Air purification equipment manufacturing	2 060 301	100.00
	332322	Sheet metal work manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333411	Air purification equipment manufacturing	1 966 301	95.44
	333412	Industrial and commercial fan and blower manufacturing	27 274	1.32
	333999	All other miscellaneous general purpose machinery manufacturing	16 648	.81
3334111		Dust collection and other air purification equipment for industrial gas cleaning systems	643 040	31.21
	332322	Sheet metal work manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333411	Air purification equipment manufacturing	604 469	94.00
	333999	All other miscellaneous general purpose machinery manufacturing	7 716	1.20
3334113		Dust collection and other air purification equipment for cleaning incoming air	1 355 570	65.79
	333411	Air purification equipment manufacturing	1 301 821	96.03
	333412	Industrial and commercial fan and blower manufacturing	22 962	1.69
	333999	All other miscellaneous general purpose machinery manufacturing	8 804	.65
333411W		Air purification equipment manufacturing, nsk, total	61 691	2.99
	333411	Air purification equipment manufacturing	60 091	97.28
333412		Industrial and commercial fan and blower manufacturing	1 691 684	100.00
	332322	Sheet metal work manufacturing	D	S
	333411	Air purification equipment manufacturing	15 736	.93
	333412	Industrial and commercial fan and blower manufacturing	1 623 147	95.95

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333412	333415	Industrial and commercial fan and blower manufacturing—Con.		
		Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
3334120		Industrial and commercial fans and blowers	1 691 684	100.00
	332322	Sheet metal work manufacturing	D	S
	333411	Air purification equipment manufacturing	15 736	.93
	333412	Industrial and commercial fan and blower manufacturing	1 623 147	95.95
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
333414		Heating equipment (except warm air furnaces) manufacturing	3 867 017	100.00
	326199	All other plastics product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	332114	Custom roll forming	D	S
	332911	Industrial valve manufacturing	26 072	.67
	333319	Other commercial and service industry machinery manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	3 456 608	89.39
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	69 119	1.79
	333911	Pump and pumping equipment manufacturing	D	S
	333994	Industrial process furnace and oven manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
3334141		Cast iron heating boilers, radiators, and convectors (except parts)	689 301	17.83
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
3334143		Domestic heating stoves (except electric and parts)	840 520	21.74
	327215	Glass product manufacturing made of purchased glass	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
3334145		Steel heating boilers (15 p.s.i. or less), and all other hot water heating boilers (except parts)	242 621	6.27
	333414	Heating equipment (except warm air furnaces) manufacturing	231 643	95.48
3334147		Floor and wall furnaces, unit heaters, gas-fired infrared heaters, and mechanical stokers	448 576	11.60
	333414	Heating equipment (except warm air furnaces) manufacturing	418 730	93.35
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	17 290	3.85
	335228	Other major household appliance manufacturing	D	S
333414A		Other heating equipment, except electric (including parts for nonelectric heating equipment and oil burners)	1 395 914	36.10
	326199	All other plastics product manufacturing	D	S
	332114	Custom roll forming	D	S
	332911	Industrial valve manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	1 052 219	75.38
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	47 216	3.38
	333911	Pump and pumping equipment manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
333414W		Heating equipment (except warm air furnaces) manufacturing, nsk, total	250 085	6.47
	333414	Heating equipment (except warm air furnaces) manufacturing	247 249	98.87
333415		Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	23 091 638	100.00
	326199	All other plastics product manufacturing	11 168	.05
	332322	Sheet metal work manufacturing	23 276	.10
	332323	Ornamental and architectural metal work manufacturing	D	S
	332410	Power boiler and heat exchanger manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333294	Food product machinery manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	93 427	.40
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	22 586 429	97.81
	333618	Other engine equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
	335224	Household laundry equipment manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	23 950	.10
	336399	All other motor vehicle parts manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	13 038	.06
3334152		Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	4 790 113	20.74
	332322	Sheet metal work manufacturing	5 340	.11
	332410	Power boiler and heat exchanger manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	4 693 507	97.98
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
3334153		Commercial refrigerators and related equipment	2 830 298	12.26
	332322	Sheet metal work manufacturing	D	S
	333294	Food product machinery manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2 728 300	96.40
	335222	Household refrigerator and home freezer manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	13 038	.46
3334155		Refrigeration condensing units, all refrigerants, except ammonia (complete)	348 518	1.51
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	348 518	100.00

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333415		Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing—Con.		
3334156	333415	Room air-conditioners and dehumidifiers, except portable dehumidifiers	872 033	3.78
3334159	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	871 710	99.96
	333414	All other miscellaneous refrigeration and air-conditioning equipment	928 383	4.02
	333415	Heating equipment (except warm air furnaces) manufacturing	D	S
	333415A	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333415A	Compressors and compressor units, all refrigerants, except automotives	2 329 264	10.09
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2 304 460	98.94
	333618	Other engine equipment manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
333415C		Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating	1 975 140	8.55
	333414	Heating equipment (except warm air furnaces) manufacturing	81 740	4.14
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1 850 829	93.71
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	335224	Household laundry equipment manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
333415D		Parts and accessories for air-conditioning and heat transfer equipment	1 640 381	7.10
	326199	All other plastics product manufacturing	5 610	.34
	332323	Ornamental and architectural metal work manufacturing	D	S
	332410	Power boiler and heat exchanger manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1 523 399	92.87
	335222	Household refrigerator and home freezer manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	19 334	1.18
	336399	All other motor vehicle parts manufacturing	D	S
333415E		Unitary air-conditioners, except air source heat pumps	5 414 379	23.45
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
333415F		Air source heat pumps, except room air-conditioners	979 256	4.24
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	979 038	99.98
333415G		Ground and ground water source heat pumps	130 140	.56
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	130 040	99.92
333415W		Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing, nsk, total	853 733	3.70
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	851 649	99.76
333511		Industrial mold manufacturing	5 830 395	100.00
	326121	Unlaminated plastics profile shape manufacturing	6 505	.11
	326122	Plastics pipe and pipe fitting manufacturing	7 104	.12
	326199	All other plastics product manufacturing	455 744	7.82
	331512	Steel investment foundries	6 150	.11
	331521	Aluminum die-casting foundries	93 332	1.60
	331522	Nonferrous (except aluminum) die-casting foundries	43 548	.75
	331524	Aluminum foundries (except die-casting)	31 975	.55
	331528	Other nonferrous foundries (except die-casting)	7 477	.13
	332312	Fabricated structural metal manufacturing	D	S
	332710	Machine shops	37 082	.64
	332997	Industrial pattern manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	20 810	.36
	333294	Food product machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333511	Industrial mold manufacturing	4 914 166	84.29
	333514	Special die and tool, die set, jig, and fixture manufacturing	47 522	.82
	336412	Aircraft engine and engine parts manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	5 704	.10
	339993	Fastener, button, needle, and pin manufacturing	D	S
3335110		Industrial molds and mold boxes	5 830 395	100.00
	326121	Unlaminated plastics profile shape manufacturing	6 505	.11
	326122	Plastics pipe and pipe fitting manufacturing	7 104	.12
	326199	All other plastics product manufacturing	455 744	7.82
	331512	Steel investment foundries	6 150	.11
	331521	Aluminum die-casting foundries	93 332	1.60
	331522	Nonferrous (except aluminum) die-casting foundries	43 548	.75
	331524	Aluminum foundries (except die-casting)	31 975	.55
	331528	Other nonferrous foundries (except die-casting)	7 477	.13
	332312	Fabricated structural metal manufacturing	D	S
	332710	Machine shops	37 082	.64
	332997	Industrial pattern manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	20 810	.36
	333294	Food product machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333511	Industrial mold manufacturing	4 914 166	84.29
	333514	Special die and tool, die set, jig, and fixture manufacturing	47 522	.82
	336412	Aircraft engine and engine parts manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	5 704	.10
	339993	Fastener, button, needle, and pin manufacturing	D	S
333512		Machine tool (metal cutting types) manufacturing	2 633 742	100.00
	332510	Hardware manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
	332997	Industrial pattern manufacturing	D	S
	333210	Sawmill and woodworking machinery manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	2 465 916	93.63
	333513	Machine tool (metal forming types) manufacturing	23 686	.90
	333514	Special die and tool, die set, jig, and fixture manufacturing	10 751	.41
	333515	Cutting tool and machine tool accessory manufacturing	47 628	1.81

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333512		Machine tool (metal cutting types) manufacturing—Con.		
	333518	Other metalworking machinery manufacturing	21 251	.81
	333992	Welding and soldering equipment manufacturing	8 419	.32
3335121		Metal gear cutting machines	80 556	3.06
	333512	Machine tool (metal cutting types) manufacturing	80 393	99.80
3335122		Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines	312 516	11.87
	332510	Hardware manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333992	Welding and soldering equipment manufacturing	D	S
3335123		Metal lathes (turning machines) numerically and nonnumerically controlled	182 798	6.94
	333512	Machine tool (metal cutting types) manufacturing	179 209	98.04
3335124		Metal milling machines (excluding machining centers)	51 269	1.95
	333512	Machine tool (metal cutting types) manufacturing	48 420	94.44
3335125		Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only)	73 881	2.81
	333512	Machine tool (metal cutting types) manufacturing	69 038	93.44
3335126		Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools	599 039	22.74
	333512	Machine tool (metal cutting types) manufacturing	570 500	95.24
	333515	Cutting tool and machine tool accessory manufacturing	6 093	1.02
	333518	Other metalworking machinery manufacturing	D	S
3335127		Metal machining centers (multifunction numerically controlled machines)	385 065	14.62
	333512	Machine tool (metal cutting types) manufacturing	381 485	99.07
3335128		Metal station type machines	138 461	5.26
	333512	Machine tool (metal cutting types) manufacturing	137 261	99.13
3335129		Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	506 790	19.24
	332997	Industrial pattern manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	442 870	87.39
	333513	Machine tool (metal forming types) manufacturing	D	S
	333515	Cutting tool and machine tool accessory manufacturing	25 012	4.94
333512A		Metal boring machines and drilling machines (excluding machining centers)	118 549	4.50
	332911	Industrial valve manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
333512W		Machine tool (metal cutting types) manufacturing, nsk, total	184 818	7.02
	333512	Machine tool (metal cutting types) manufacturing	182 280	98.63
333513		Machine tool (metal forming types) manufacturing	1 136 340	100.00
	332710	Machine shops	5 469	.48
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
	333511	Industrial mold manufacturing	6 883	.61
	333512	Machine tool (metal cutting types) manufacturing	54 767	4.82
	333513	Machine tool (metal forming types) manufacturing	965 131	84.93
	333514	Special die and tool, die set, jig, and fixture manufacturing	31 769	2.80
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
3335131		Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)	351 668	30.95
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333513	Machine tool (metal forming types) manufacturing	280 423	79.74
	333515	Cutting tool and machine tool accessory manufacturing	D	S
3335133		Metalworking presses (except forging and die-stamping presses)	204 742	18.02
	333513	Machine tool (metal forming types) manufacturing	184 820	90.27
	333514	Special die and tool, die set, jig, and fixture manufacturing	D	S
3335135		Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses)	201 819	17.76
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
	333513	Machine tool (metal forming types) manufacturing	170 682	84.57
3335137		Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools	242 298	21.32
	333293	Printing machinery and equipment manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333513	Machine tool (metal forming types) manufacturing	210 751	86.98
	333514	Special die and tool, die set, jig, and fixture manufacturing	8 550	3.53
333513W		Machine tool (metal forming types) manufacturing, nsk, total	135 813	11.95
	333513	Machine tool (metal forming types) manufacturing	118 455	87.22
	333514	Special die and tool, die set, jig, and fixture manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
333514		Special die and tool, die set, jig, and fixture manufacturing	7 587 651	100.00
	326199	All other plastics product manufacturing	31 830	.42
	332111	Iron and steel forging	8 344	.11
	332116	Metal stamping	180 233	2.38
	332322	Sheet metal work manufacturing	6 292	.08
	332710	Machine shops	84 744	1.12
	332721	Precision turned product manufacturing	38 407	.51
	332997	Industrial pattern manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	8 427	.11
	333210	Sawmill and woodworking machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	6 745	.09
	333511	Industrial mold manufacturing	64 381	.85
	333512	Machine tool (metal cutting types) manufacturing	10 556	.14
	333513	Machine tool (metal forming types) manufacturing	18 466	.24
	333514	Special die and tool, die set, jig, and fixture manufacturing	6 214 965	81.91
	333515	Cutting tool and machine tool accessory manufacturing	25 135	.33
	333518	Other metalworking machinery manufacturing	52 571	.69
	333992	Welding and soldering equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	6 546	.09
	335931	Current-carrying wiring device manufacturing	6 616	.09
	336312	Gasoline engine and engine parts manufacturing	26 449	.35
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336370	Motor vehicle metal stamping	558 999	7.37
	336399	All other motor vehicle parts manufacturing	47 576	.63
	336412	Aircraft engine and engine parts manufacturing	6 396	.08

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333514	336992	Special die and tool, die set, jig, and fixture manufacturing—Con.		
	339112	Military armored vehicle, tank, and tank component manufacturing	D	S
3335140		Surgical and medical instrument manufacturing	D	S
		Special dies, tools, jigs, and fixtures	7 587 651	100.00
	326199	All other plastics product manufacturing	31 830	.42
	332111	Iron and steel forging	8 344	.11
	332116	Metal stamping	180 233	2.38
	332322	Sheet metal work manufacturing	6 292	.08
	332710	Machine shops	84 744	1.12
	332721	Precision turned product manufacturing	38 407	.51
	332997	Industrial pattern manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	8 427	.11
	333210	Sawmill and woodworking machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	6 745	.09
	333511	Industrial mold manufacturing	64 381	.85
	333512	Machine tool (metal cutting types) manufacturing	10 556	.14
	333513	Machine tool (metal forming types) manufacturing	18 466	.24
	333514	Special die and tool, die set, jig, and fixture manufacturing	6 214 965	81.91
	333515	Cutting tool and machine tool accessory manufacturing	25 135	.33
	333518	Other metalworking machinery manufacturing	52 571	.69
	333992	Welding and soldering equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	6 546	.09
	335931	Current-carrying wiring device manufacturing	6 616	.09
	336312	Gasoline engine and engine parts manufacturing	26 449	.35
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336370	Motor vehicle metal stamping	558 999	7.37
	336399	All other motor vehicle parts manufacturing	47 576	.63
	336412	Aircraft engine and engine parts manufacturing	6 396	.08
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
333515		Cutting tool and machine tool accessory manufacturing	4 604 403	100.00
	326191	Plastics plumbing fixture manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
	331511	Iron foundries	D	S
	332710	Machine shops	11 161	.24
	332721	Precision turned product manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	5 881	.13
	333131	Mining machinery and equipment manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	76 298	1.66
	333514	Special die and tool, die set, jig, and fixture manufacturing	42 180	.92
	333515	Cutting tool and machine tool accessory manufacturing	4 348 313	94.44
	333991	Power-driven handtool manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	12 020	.26
	339993	Fastener, button, needle, and pin manufacturing	D	S
3335151		Small cutting tools for machine tools and metalworking machinery	2 977 175	64.66
	326191	Plastics plumbing fixture manufacturing	D	S
	333131	Mining machinery and equipment manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	22 422	.75
	333514	Special die and tool, die set, jig, and fixture manufacturing	27 313	.92
	333515	Cutting tool and machine tool accessory manufacturing	2 849 658	95.72
	333991	Power-driven handtool manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	339993	Fastener, button, needle, and pin manufacturing	D	S
3335153		Other attachments and accessories for machine tools and metalworking machinery	987 815	21.45
	326291	Rubber product manufacturing for mechanical use	D	S
	331511	Iron foundries	D	S
	333512	Machine tool (metal cutting types) manufacturing	53 871	5.45
	333514	Special die and tool, die set, jig, and fixture manufacturing	12 076	1.22
	333515	Cutting tool and machine tool accessory manufacturing	880 210	89.11
333515W		Cutting tool and machine tool accessory manufacturing, nsk, total	639 413	13.89
	332710	Machine shops	9 009	1.41
	333515	Cutting tool and machine tool accessory manufacturing	618 445	96.72
333516		Rolling mill machinery and equipment manufacturing	499 761	100.00
3335161	333516	Rolling mill machinery and equipment manufacturing	477 754	95.60
		Hot rolling mill machinery (including combination hot and cold) (except tube rolling)	127 880	25.59
3335163	333516	Rolling mill machinery and equipment manufacturing	125 543	98.17
		Cold rolling mill machinery	71 715	14.35
3335165	333516	Rolling mill machinery and equipment manufacturing	70 189	97.87
		Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery	271 603	54.35
	333516	Rolling mill machinery and equipment manufacturing	253 879	93.47
333516W		Rolling mill machinery and equipment manufacturing, nsk, total	28 563	5.72
	333516	Rolling mill machinery and equipment manufacturing	28 143	98.53
333518		Other metalworking machinery manufacturing	2 646 570	100.00
	332322	Sheet metal work manufacturing	D	S
	332811	Metal heat treating	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333298	All other industrial machinery manufacturing	37 482	1.42
	333512	Machine tool (metal cutting types) manufacturing	8 297	.31
	333514	Special die and tool, die set, jig, and fixture manufacturing	14 069	.53
	333518	Other metalworking machinery manufacturing	2 523 548	95.35
	333992	Welding and soldering equipment manufacturing	5 929	.22
	333999	All other miscellaneous general purpose machinery manufacturing	7 199	.27
3335181		Assembly machines	1 845 844	69.74
	332322	Sheet metal work manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	6 016	.33
	333514	Special die and tool, die set, jig, and fixture manufacturing	12 943	.70
	333518	Other metalworking machinery manufacturing	1 764 773	95.61
	333999	All other miscellaneous general purpose machinery manufacturing	7 087	.38
3335183		Other metalworking machinery (except handheld and ultrasonic)	692 300	26.16
	332811	Metal heat treating	D	S
	333298	All other industrial machinery manufacturing	D	S
	333518	Other metalworking machinery manufacturing	650 438	93.95

See footnotes at end of table.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333518		Other metalworking machinery manufacturing—Con.		
333518W		Other metalworking machinery manufacturing, nsk, total	108 426	4.10
	333518	Other metalworking machinery manufacturing	108 337	99.92
333611		Turbine and turbine generator set units manufacturing	13 732 728	100.00
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	1 349 210	9.82
	336413	Other aircraft parts and auxiliary equipment manufacturing	7 213	.05
3336110		Turbines, turbine generators, and turbine generator sets (including parts)	13 732 728	100.00
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	1 349 210	9.82
	336413	Other aircraft parts and auxiliary equipment manufacturing	7 213	.05
333612		Speed changer, industrial high-speed drive, and gear manufacturing	1 947 852	100.00
	332991	Ball and roller bearing manufacturing	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	1 812 564	93.05
	333613	Mechanical power transmission equipment manufacturing	D	S
3336123		Gears	585 119	30.04
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	533 443	91.17
	333613	Mechanical power transmission equipment manufacturing	43 284	7.40
3336127		Speed changers and industrial high-speed drives	1 286 565	66.05
	332991	Ball and roller bearing manufacturing	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	1 202 953	93.50
	333613	Mechanical power transmission equipment manufacturing	D	S
333612W		Speed changer, industrial high-speed drive, and gear manufacturing, nsk, total	76 168	3.91
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	76 168	100.00
333613		Mechanical power transmission equipment manufacturing	2 691 514	100.00
	332111	Iron and steel forging	D	S
	332212	Hand and edge tool manufacturing	D	S
	332510	Hardware manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332991	Ball and roller bearing manufacturing	108 072	4.02
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	66 642	2.48
	333613	Mechanical power transmission equipment manufacturing	2 408 683	89.49
	333618	Other engine equipment manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
3336131		Plain bearings and bushings	587 979	21.85
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332991	Ball and roller bearing manufacturing	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	11 017	1.87
	333613	Mechanical power transmission equipment manufacturing	480 319	81.69
3336133		Mechanical power transmission equipment, except speed changers, drives, and gears	2 098 340	77.96
	332111	Iron and steel forging	D	S
	332212	Hand and edge tool manufacturing	D	S
	332510	Hardware manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332991	Ball and roller bearing manufacturing	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	55 625	2.65
	333613	Mechanical power transmission equipment manufacturing	1 923 169	91.65
	333618	Other engine equipment manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
333613W		Mechanical power transmission equipment manufacturing, nsk, total	5 195	.19
	333613	Mechanical power transmission equipment manufacturing	5 195	100.00
333618		Other engine equipment manufacturing	18 453 070	100.00
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	331524	Aluminum foundries (except die-casting)	D	S
	332111	Iron and steel forging	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	7 596	.04
	333613	Mechanical power transmission equipment manufacturing	D	S
	333618	Other engine equipment manufacturing	17 362 060	94.09
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	333994	Industrial process furnace and oven manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	17 479	.09
	336312	Gasoline engine and engine parts manufacturing	208 745	1.13
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	10 605	.06
	336510	Railroad rolling stock manufacturing	D	S
	336612	Boat building	D	S
3336181		Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	2 281 230	12.36
	331524	Aluminum foundries (except die-casting)	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333618	Other engine equipment manufacturing	2 133 192	93.51
	335312	Motor and generator manufacturing	D	S
3336183		Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank)	2 769 467	15.01
	333120	Construction machinery manufacturing	D	S
	333618	Other engine equipment manufacturing	2 448 292	88.40
	336510	Railroad rolling stock manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333618		Other engine equipment manufacturing—Con.		
3336185		Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses	6 516 158	35.31
	324191	Petroleum lubricating oil and grease manufacturing	D	S
	333618	Other engine equipment manufacturing	6 495 958	99.69
	336120	Heavy duty truck manufacturing	D	S
3336189		Piston-type natural gas engines, including LPG (liquified petroleum gas) engines (excluding gas turbines)	283 130	1.53
	333618	Other engine equipment manufacturing	283 130	100.00
333618B		All other miscellaneous engine equipment	1 025 206	5.56
	333613	Mechanical power transmission equipment manufacturing	D	S
	333618	Other engine equipment manufacturing	962 612	93.89
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	336612	Boat building	D	S
333618F		Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	5 391 081	29.22
	331524	Aluminum foundries (except die-casting)	D	S
	332111	Iron and steel forging	D	S
	333618	Other engine equipment manufacturing	4 854 810	90.05
	333994	Industrial process furnace and oven manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	17 479	.32
	336312	Gasoline engine and engine parts manufacturing	205 714	3.82
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	10 605	.20
333618W		Other engine equipment manufacturing, nsk, total	186 798	1.01
	333618	Other engine equipment manufacturing	184 066	98.54
333911		Pump and pumping equipment manufacturing	6 472 825	100.00
	326199	All other plastics product manufacturing	5 643	.09
	332710	Machine shops	8 251	.13
	332911	Industrial valve manufacturing	79 718	1.23
	333132	Oil and gas field machinery and equipment manufacturing	51 613	.80
	333298	All other industrial machinery manufacturing	10 628	.16
	333319	Other commercial and service industry machinery manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	6 146 949	94.97
	333912	Air and gas compressor manufacturing	23 586	.36
	333913	Measuring and dispensing pump manufacturing	D	S
	333996	Fluid power pump and motor manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	11 400	.18
3339111		Pump and pumping equipment	5 031 569	77.73
	326199	All other plastics product manufacturing	5 028	.10
	332710	Machine shops	D	S
	332911	Industrial valve manufacturing	79 718	1.58
	333132	Oil and gas field machinery and equipment manufacturing	50 818	1.01
	333298	All other industrial machinery manufacturing	10 291	.20
	333319	Other commercial and service industry machinery manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	4 738 867	94.18
	333912	Air and gas compressor manufacturing	20 754	.41
	333913	Measuring and dispensing pump manufacturing	D	S
3339115		Parts and attachments for pumps and pumping equipment (except hydraulic fluid power, and air and gas compressors), including locomotive and packaged pumps	1 140 191	17.62
	333911	Pump and pumping equipment manufacturing	1 118 525	98.10
333911W		Pump and pumping equipment manufacturing, nsk, total	301 065	4.65
	333911	Pump and pumping equipment manufacturing	289 557	96.18
	333999	All other miscellaneous general purpose machinery manufacturing	7 607	2.53
333912		Air and gas compressor manufacturing	4 175 335	100.00
	326211	Tire manufacturing (except retreading)	D	S
	332410	Power boiler and heat exchanger manufacturing	D	S
	332710	Machine shops	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
	333412	Industrial and commercial fan and blower manufacturing	5 360	.13
	333611	Turbine and turbine generator set units manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	76 782	1.84
	333912	Air and gas compressor manufacturing	3 760 556	90.07
	333922	Conveyor and conveying equipment manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S
3339121		Air and gas compressors and vacuum pumps	2 581 987	61.84
	326211	Tire manufacturing (except retreading)	D	S
	332410	Power boiler and heat exchanger manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
	333412	Industrial and commercial fan and blower manufacturing	5 360	.21
	333618	Other engine equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	41 240	1.60
	333912	Air and gas compressor manufacturing	2 319 074	89.82
	333991	Power-driven handtool manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333912		Air and gas compressor manufacturing—Con.		
3339125		Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors	592 670	14.19
	333911	Pump and pumping equipment manufacturing	34 666	5.85
	333912	Air and gas compressor manufacturing	529 372	89.32
	333922	Conveyor and conveying equipment manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	D	S
3339127		Industrial spraying equipment	818 318	19.60
	333912	Air and gas compressor manufacturing	733 408	89.62
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
333912W		Air and gas compressor manufacturing, nsk, total	182 360	4.37
	333912	Air and gas compressor manufacturing	178 702	97.99
333913		Measuring and dispensing pump manufacturing	867 814	100.00
	333618	Other engine equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333913	Measuring and dispensing pump manufacturing	811 041	93.46
3339130		Measuring and dispensing pumps	867 814	100.00
	333618	Other engine equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333913	Measuring and dispensing pump manufacturing	811 041	93.46
333921		Elevator and moving stairway manufacturing	1 870 525	100.00
	333921	Elevator and moving stairway manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
3339211		Elevators and moving stairways	1 444 609	77.23
	333921	Elevator and moving stairway manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
3339213		Parts and attachments for elevators and moving stairways (sold separately)	346 247	18.51
	333921	Elevator and moving stairway manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	D	S
333921W		Elevator and moving stairway manufacturing, nsk, total	79 669	4.26
	333921	Elevator and moving stairway manufacturing	79 669	100.00
333922		Conveyor and conveying equipment manufacturing	5 025 780	100.00
	326220	Rubber and plastics hoses and belting manufacturing	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	332312	Fabricated structural metal manufacturing	D	S
	332439	Other metal container manufacturing	D	S
	332710	Machine shops	6 139	.12
	333111	Farm machinery and equipment manufacturing	10 676	.21
	333120	Construction machinery manufacturing	24 572	.49
	333294	Food product machinery manufacturing	29 267	.58
	333298	All other industrial machinery manufacturing	7 128	.14
	333411	Air purification equipment manufacturing	D	S
	333412	Industrial and commercial fan and blower manufacturing	D	S
	333518	Other metalworking machinery manufacturing	10 537	.21
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	4 748 163	94.48
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	32 471	.65
	333999	All other miscellaneous general purpose machinery manufacturing	9 238	.18
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3339221		Unit handling conveyors and conveying systems except hoists and farm elevators	2 216 749	44.11
	333412	Industrial and commercial fan and blower manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	2 137 994	96.45
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	25 763	1.16
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3339223		Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately)	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	D	S
3339228		Bulk material handling conveyors and conveying systems, except hoists and farm elevators	1 582 924	31.50
	332311	Prefabricated metal building and component manufacturing	D	S
	332312	Fabricated structural metal manufacturing	D	S
	332439	Other metal container manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	9 871	.62
	333120	Construction machinery manufacturing	20 629	1.30
	333294	Food product machinery manufacturing	24 952	1.58
	333298	All other industrial machinery manufacturing	6 433	.41
	333411	Air purification equipment manufacturing	D	S
	333518	Other metalworking machinery manufacturing	8 282	.52
	333922	Conveyor and conveying equipment manufacturing	1 422 543	89.87
	333999	All other miscellaneous general purpose machinery manufacturing	8 592	.54
3339229		Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately)	571 327	11.37
	333922	Conveyor and conveying equipment manufacturing	547 464	95.82
333922W		Conveyor and conveying equipment manufacturing, nsk, total	D	S
	333922	Conveyor and conveying equipment manufacturing	D	S
333923		Overhead traveling crane, hoist, and monorail system manufacturing	2 937 349	100.00
	332312	Fabricated structural metal manufacturing	5 845	.20
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	2 698 554	91.87
	336211	Motor vehicle body manufacturing	11 174	.38
	336214	Travel trailer and camper manufacturing	D	S
	336611	Ship building and repairing	9 904	.34
3339231		Hoists	455 161	15.50
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	404 995	88.78
	336211	Motor vehicle body manufacturing	5 917	1.30
	336214	Travel trailer and camper manufacturing	D	S
3339233		Overhead traveling cranes and monorail systems	467 964	15.93
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	464 078	99.17
3339237		Winches, aerial work platforms, and automotive wrecker hoists	1 951 812	66.45
	333120	Construction machinery manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	1 771 368	90.76
	336611	Ship building and repairing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333923		Overhead traveling crane, hoist, and monorail system manufacturing—Con.		
333923W	333923	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, total	62 412	2.12
		Overhead traveling crane, hoist, and monorail system manufacturing	59 013	94.55
333924		Industrial truck, tractor, trailer, and stacker machinery manufacturing	4 619 917	100.00
	333111	Farm machinery and equipment manufacturing	D	S
	333120	Construction machinery manufacturing	12 271	.27
	333922	Conveyor and conveying equipment manufacturing	33 670	.73
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	4 321 685	93.54
	333993	Packaging machinery manufacturing	12 441	.27
	336211	Motor vehicle body manufacturing	56 237	1.22
	336212	Truck trailer manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	11 281	.24
	336999	All other transportation equipment manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3339242		Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	3 433 169	74.31
	333111	Farm machinery and equipment manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	30 580	.89
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	3 269 763	95.24
	333993	Packaging machinery manufacturing	9 425	.27
	336211	Motor vehicle body manufacturing	D	S
	336212	Truck trailer manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3339243		Parts and attachments for industrial trucks and tractors (sold separately)	1 048 230	22.69
	333120	Construction machinery manufacturing	8 170	.78
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	914 657	87.26
	336211	Motor vehicle body manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
333924W	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, total	138 518	3.00
		Industrial truck, tractor, trailer, and stacker machinery manufacturing	137 265	99.10
333991		Power-driven handtool manufacturing	3 395 494	100.00
	332321	Metal window and door manufacturing	D	S
	332618	Other fabricated wire product manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	38 805	1.14
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333991	Power-driven handtool manufacturing	3 111 003	91.62
3339911		Power-driven handtools, pneumatic, hydraulic, and power-actuated	1 085 869	31.98
	332618	Other fabricated wire product manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333991	Power-driven handtool manufacturing	983 547	90.58
3339913		Power-driven handtools, internal combustion engine driven (including parts)	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
3339917		Power-driven handtools, battery-powered (cordless), including parts	D	S
	332618	Other fabricated wire product manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
3339919		Power-driven handtools, electric (except battery-powered), including parts	1 329 811	39.16
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
333991W		Power-driven handtool manufacturing, nsk, total	148 525	4.37
	332321	Metal window and door manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
333992		Welding and soldering equipment manufacturing	3 524 679	100.00
	333992	Welding and soldering equipment manufacturing	3 450 087	97.88
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3339921		Arc welding machines, components, and accessories (except electrodes), except stud welding equipment	1 261 711	35.80
	333992	Welding and soldering equipment manufacturing	1 238 683	98.17
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3339923		Arc welding electrodes, metal	682 211	19.36
	333992	Welding and soldering equipment manufacturing	679 565	99.61
3339927		Resistance welders, components, accessories, and electrodes	565 879	16.05
	333992	Welding and soldering equipment manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
3339929		Gas welding and cutting equipment, parts, attachments, and accessories	D	S
	333992	Welding and soldering equipment manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
333992A		Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment)	601 846	17.08
	333992	Welding and soldering equipment manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
333992W		Welding and soldering equipment manufacturing, nsk, total	D	S
	333992	Welding and soldering equipment manufacturing	D	S
333993		Packaging machinery manufacturing	3 758 142	100.00
	326199	All other plastics product manufacturing	23 139	.62

See footnotes at end of table.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333993		Packaging machinery manufacturing—Con.		
	332115	Crown and closure manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	19 359	.52
	333294	Food product machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333518	Other metalworking machinery manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	7 356	.20
	333993	Packaging machinery manufacturing	3 595 907	95.68
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
3339931		Packing, packaging, and bottling machinery (except parts)	3 007 006	80.01
	326199	All other plastics product manufacturing	D	S
	332115	Crown and closure manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
	333294	Food product machinery manufacturing	14 076	.47
	333298	All other industrial machinery manufacturing	D	S
	333518	Other metalworking machinery manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	6 373	.21
	333993	Packaging machinery manufacturing	2 886 508	95.99
3339935		Parts for packing, packaging, and bottling machinery	653 729	17.40
	326199	All other plastics product manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
	333294	Food product machinery manufacturing	D	S
	333993	Packaging machinery manufacturing	612 143	93.64
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
333993W		Packaging machinery manufacturing, nsk, total	97 407	2.59
	333993	Packaging machinery manufacturing	97 256	99.84
333994		Industrial process furnace and oven manufacturing	1 513 619	100.00
	326199	All other plastics product manufacturing	D	S
	332431	Metal can manufacturing	D	S
	333295	Semiconductor machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	10 048	.66
	333411	Air purification equipment manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333994	Industrial process furnace and oven manufacturing	1 405 347	92.85
	335228	Other major household appliance manufacturing	D	S
3339940		Industrial furnaces and ovens, and electric industrial heating equipment	1 513 619	100.00
	326199	All other plastics product manufacturing	D	S
	332431	Metal can manufacturing	D	S
	333295	Semiconductor machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	10 048	.66
	333411	Air purification equipment manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333994	Industrial process furnace and oven manufacturing	1 405 347	92.85
	335228	Other major household appliance manufacturing	D	S
333995		Fluid power cylinder and actuator manufacturing	3 117 147	100.00
	332813	Electroplating, plating, polishing, anodizing, and coloring	D	S
	332911	Industrial valve manufacturing	40 094	1.29
	332912	Fluid power valve and hose fitting manufacturing	273 397	8.77
	333518	Other metalworking machinery manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	2 590 436	83.10
	333996	Fluid power pump and motor manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	39 959	1.28
	336414	Guided missile and space vehicle manufacturing	D	S
3339951		Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	982 271	31.51
	332813	Electroplating, plating, polishing, anodizing, and coloring	D	S
	332911	Industrial valve manufacturing	13 386	1.36
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	908 383	92.48
	333996	Fluid power pump and motor manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
3339953		Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary	545 716	17.51
	332911	Industrial valve manufacturing	24 102	4.42
	332912	Fluid power valve and hose fitting manufacturing	95 374	17.48
	333995	Fluid power cylinder and actuator manufacturing	414 769	76.00
3339955		Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc.	401 633	12.88
	332912	Fluid power valve and hose fitting manufacturing	47 364	11.79
	333995	Fluid power cylinder and actuator manufacturing	322 790	80.37
	336414	Guided missile and space vehicle manufacturing	D	S
3339957		Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic	987 725	31.69
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	745 855	75.51
	333996	Fluid power pump and motor manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	39 467	4.00
	336414	Guided missile and space vehicle manufacturing	D	S
333995W		Fluid power cylinder and actuator manufacturing, nsk, total	199 802	6.41
	333995	Fluid power cylinder and actuator manufacturing	198 639	99.42
333996		Fluid power pump and motor manufacturing	2 390 501	100.00
	332912	Fluid power valve and hose fitting manufacturing	106 855	4.47
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	63 994	2.68
	333996	Fluid power pump and motor manufacturing	2 097 041	87.72
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	18 532	.78

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333996		Fluid power pump and motor manufacturing—Con.		
3339961		Nonaerospace type reciprocating fluid power pumps	547 848	22.92
	333996	Fluid power pump and motor manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
3339963		Nonaerospace type rotary and other fluid power pumps	483 946	20.24
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	D	S
	333996	Fluid power pump and motor manufacturing	412 102	85.15
3339965		Nonaerospace type fluid power motors	443 550	18.55
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	D	S
	333996	Fluid power pump and motor manufacturing	379 359	85.53
3339967		Aerospace type fluid power pumps and motors	252 051	10.54
	333996	Fluid power pump and motor manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	17 063	6.77
3339969		Parts for fluid power pumps, motors, and hydrostatic transmissions	591 596	24.75
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	D	S
	333996	Fluid power pump and motor manufacturing	510 933	86.37
333996W		Fluid power pump and motor manufacturing, nsk, total	71 510	2.99
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333996	Fluid power pump and motor manufacturing	D	S
333997		Scale and balance (except laboratory) manufacturing	622 423	100.00
	333319	Other commercial and service industry machinery manufacturing	D	S
	333997	Scale and balance (except laboratory) manufacturing	D	S
3339971		Vehicle and industrial scales	316 506	50.85
	333997	Scale and balance (except laboratory) manufacturing	308 403	97.44
3339973		Retail, commercial, household, and mailing scales	195 336	31.38
	333319	Other commercial and service industry machinery manufacturing	D	S
	333997	Scale and balance (except laboratory) manufacturing	D	S
3339975		Parts, attachments, and accessories for scales and balances, except laboratory	98 878	15.89
	333997	Scale and balance (except laboratory) manufacturing	98 555	99.67
333997W		Scale and balance (except laboratory) manufacturing, nsk, total	11 703	1.88
	333997	Scale and balance (except laboratory) manufacturing	11 703	100.00
333999		All other miscellaneous general purpose machinery manufacturing	8 775 754	100.00
	325188	All other basic inorganic chemical manufacturing	D	S
	331111	Iron and steel mills	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	332321	Metal window and door manufacturing	D	S
	332710	Machine shops	29 690	.34
	332721	Precision turned product manufacturing	7 795	.09
	332911	Industrial valve manufacturing	11 381	.13
	332912	Fluid power valve and hose fitting manufacturing	83 215	.95
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	6 394	.07
	333120	Construction machinery manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	14 648	.17
	333295	Semiconductor machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	33 678	.38
	333319	Other commercial and service industry machinery manufacturing	42 445	.48
	333411	Air purification equipment manufacturing	18 190	.21
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	13 148	.15
	333512	Machine tool (metal cutting types) manufacturing	8 383	.10
	333514	Special die and tool, die set, jig, and fixture manufacturing	11 377	.13
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333518	Other metalworking machinery manufacturing	23 323	.27
	333613	Mechanical power transmission equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333992	Welding and soldering equipment manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	10 727	.12
	333999	All other miscellaneous general purpose machinery manufacturing	8 167 497	93.07
	335129	Other lighting equipment manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3339991		Filters and strainers, except fluid power	2 398 768	27.33
	332911	Industrial valve manufacturing	D	S
	333298	All other industrial machinery manufacturing	9 942	.41
	333319	Other commercial and service industry machinery manufacturing	D	S
	333411	Air purification equipment manufacturing	17 464	.73
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	2 248 472	93.73
	335129	Other lighting equipment manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
3339993		Filters for hydraulic fluid power systems, nonaerospace	295 554	3.37
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	245 422	83.04
3339994		Filters for pneumatic fluid power systems, nonaerospace	110 818	1.26
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
3339996		Filters for hydraulic and pneumatic fluid power systems, aerospace	85 214	.97
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
333999		All other miscellaneous general purpose machinery manufacturing—Con.		
3339997		All other miscellaneous general industrial machinery	3 220 804	36.70
	325188	All other basic inorganic chemical manufacturing	D	S
	331111	Iron and steel mills	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	D	S
	333295	Semiconductor machinery manufacturing	D	S
	333298	All other industrial machinery manufacturing	20 323	.63
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	7 551	.23
	333515	Cutting tool and machine tool accessory manufacturing	D	S
	333518	Other metalworking machinery manufacturing	23 007	.71
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	333992	Welding and soldering equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	2 956 712	91.80
	336999	All other transportation equipment manufacturing	D	S
333999A		All other miscellaneous machinery products, except electrical	914 515	10.42
	332710	Machine shops	13 826	1.51
	332993	Ammunition (except small arms) manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	858 011	93.82
333999W		All other miscellaneous general purpose machinery manufacturing, nsk, total	1 750 081	19.94
	332321	Metal window and door manufacturing	D	S
	332710	Machine shops	12 904	.74
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	1 705 695	97.46
	339113	Surgical appliance and supplies manufacturing	D	S
334111		Electronic computer manufacturing	41 180 600	100.00
	334111	Electronic computer manufacturing	39 066 050	94.87
	334119	Other computer peripheral equipment manufacturing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
3341111		Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers)	12 967 418	31.49
	334111	Electronic computer manufacturing	11 317 443	87.28
	334119	Other computer peripheral equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
3341117		Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)	26 559 313	64.49
	334111	Electronic computer manufacturing	26 113 000	98.32
	334119	Other computer peripheral equipment manufacturing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
334111D		Other computers (array, analog, hybrid, and special-use computers)	807 690	1.96
	334111	Electronic computer manufacturing	793 601	98.26
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
334111W		Electronic computer manufacturing, nsk, total	846 179	2.05
	334111	Electronic computer manufacturing	842 006	99.51
334112		Computer storage device manufacturing	7 628 413	100.00
	332322	Sheet metal work manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334112	Computer storage device manufacturing	6 990 512	91.64
	334119	Other computer peripheral equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334613	Magnetic and optical recording media manufacturing	D	S
3341121		Computer storage devices (except parts, attachments, and accessories)	5 461 472	71.59
	332322	Sheet metal work manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334112	Computer storage device manufacturing	4 855 875	88.91
	334119	Other computer peripheral equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334613	Magnetic and optical recording media manufacturing	D	S
3341124		Parts, attachments, and accessories for computer storage devices	1 686 810	22.11
	334111	Electronic computer manufacturing	D	S
	334112	Computer storage device manufacturing	1 655 085	98.12
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
334112W		Computer storage device manufacturing, nsk, total	480 131	6.29
	334112	Computer storage device manufacturing	479 552	99.88
334113		Computer terminal manufacturing	391 322	100.00
	332912	Fluid power valve and hose fitting manufacturing	D	S
	334111	Electronic computer manufacturing	11 489	2.94
	334113	Computer terminal manufacturing	317 468	81.13
	334119	Other computer peripheral equipment manufacturing	D	S
	335314	Relay and industrial control manufacturing	D	S
3341131		Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	274 862	70.24
	334113	Computer terminal manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	335314	Relay and industrial control manufacturing	D	S
3341134		Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	54 843	14.01
	332912	Fluid power valve and hose fitting manufacturing	D	S
	334111	Electronic computer manufacturing	7 916	14.43
	334113	Computer terminal manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334113		Computer terminal manufacturing—Con.		
334113W		Computer terminal manufacturing, nsk, total	61 617	15.75
	334113	Computer terminal manufacturing	61 597	99.97
334119		Other computer peripheral equipment manufacturing	15 316 906	100.00
	323112	Commercial flexographic printing	D	S
	325910	Printing ink manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334113	Computer terminal manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	10 999 471	71.81
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
3341191		All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	10 419 354	68.03
	323112	Commercial flexographic printing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334113	Computer terminal manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	6 313 864	60.60
	334210	Telephone apparatus manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
3341194		Parts, subassemblies, and accessories for computer peripheral equipment	2 260 946	14.76
	325910	Printing ink manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	336370	Motor vehicle metal stamping	D	S
3341197		Point of sale terminals and fund-transfer devices	728 555	4.76
	334119	Other computer peripheral equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
334119D		Parts and attachments for point of sale terminals and fund-transfer devices	81 089	.53
	334119	Other computer peripheral equipment manufacturing	80 662	99.47
334119W		Other computer peripheral equipment manufacturing, nsk, total	1 826 962	11.93
	334119	Other computer peripheral equipment manufacturing	1 826 729	99.99
334210		Telephone apparatus manufacturing	26 009 324	100.00
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	334210	Telephone apparatus manufacturing	25 716 955	98.88
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	161 014	.62
	334310	Audio and video equipment manufacturing	D	S
	334415	Electronic resistor manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	29 313	.11
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	39 926	.15
3342101		Telephone switching and switchboard equipment	7 090 986	27.26
	334210	Telephone apparatus manufacturing	6 914 326	97.51
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	334415	Electronic resistor manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
3342104		Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets	4 161 386	16.00
	334210	Telephone apparatus manufacturing	4 116 088	98.91
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
3342107		Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines	12 874 890	49.50
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	334210	Telephone apparatus manufacturing	12 804 479	99.45
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	27 248	.21
334210W		Telephone apparatus manufacturing, nsk, total	1 882 062	7.24
	334210	Telephone apparatus manufacturing	1 882 062	100.00
334220		Radio and television broadcasting and wireless communications equipment manufacturing	30 133 460	100.00
	331422	Copper wire (except mechanical) drawing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	28 639 056	95.04
	334290	Other communications equipment manufacturing	8 155	.03
	334310	Audio and video equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	82 305	.27
	334419	Other electronic component manufacturing	73 158	.24

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334220		Radio and television broadcasting and wireless communications equipment manufacturing— Con.		
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	479 371	1.59
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	335929	Other communication and energy wire manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
3342201		Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	24 643 353	81.78
	331422	Copper wire (except mechanical) drawing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	23 475 691	95.26
	334290	Other communications equipment manufacturing	6 685	.03
	334310	Audio and video equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	69 304	.28
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	479 371	1.95
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	335929	Other communication and energy wire manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
3342202		Broadcast, studio, and related electronic equipment	3 192 407	10.59
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	2 866 429	89.79
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
334220W		Radio and television broadcasting and wireless communications equipment manufacturing, nsk, total	2 297 700	7.63
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	2 296 936	99.97
334290		Other communications equipment manufacturing	4 886 125	100.00
	333298	All other industrial machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334210	Telephone apparatus manufacturing	6 127	.13
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	37 978	.78
	334290	Other communications equipment manufacturing	4 740 651	97.02
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3342901		Alarm systems, including electric sirens and horns	3 014 393	61.69
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334290	Other communications equipment manufacturing	2 946 419	97.75
	339999	All other miscellaneous manufacturing	D	S
3342902		Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments	895 932	18.34
	333298	All other industrial machinery manufacturing	D	S
	334290	Other communications equipment manufacturing	855 223	95.46
	335931	Current-carrying wiring device manufacturing	D	S
3342903		Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	302 998	6.20
	333319	Other commercial and service industry machinery manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334290	Other communications equipment manufacturing	266 607	87.99
334290W		Other communications equipment manufacturing, nsk, total	672 802	13.77
	334290	Other communications equipment manufacturing	672 402	99.94
334310		Audio and video equipment manufacturing	9 729 306	100.00
	333319	Other commercial and service industry machinery manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	47 451	.49
	334290	Other communications equipment manufacturing	D	S
	334310	Audio and video equipment manufacturing	7 622 484	78.35
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
	339992	Musical instrument manufacturing	D	S
3343101		Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations	2 460 917	25.29
	334310	Audio and video equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3343102		Television receivers, including combination models	3 391 132	34.85
	334111	Electronic computer manufacturing	D	S
	334310	Audio and video equipment manufacturing	2 994 513	88.30
	335221	Household cooking appliance manufacturing	D	S
3343104		Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	1 761 507	18.11
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334290	Other communications equipment manufacturing	D	S
	334310	Audio and video equipment manufacturing	1 662 670	94.39
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	339992	Musical instrument manufacturing	D	S

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334310		Audio and video equipment manufacturing—Con.		
334310S		Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	1 719 063	17.67
	333319	Other commercial and service industry machinery manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
334310W		Audio and video equipment manufacturing, nsk, total	396 687	4.08
	334310	Audio and video equipment manufacturing	395 743	99.76
334411		Electron tube manufacturing	3 250 227	100.00
	334111	Electronic computer manufacturing	D	S
	334113	Computer terminal manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	334411	Electronic computer manufacturing	D	S
	334419	Other electronic component manufacturing	2 337 638	71.92
	335110	Electric lamp bulb and part manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
3344111		Transmittal, industrial, and special-purpose electron tubes (except X-ray)	586 614	18.05
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334411	Electronic computer manufacturing	511 333	87.17
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
3344114		Receiving-type electron tubes, including cathode ray (new and rebuilt)	2 515 608	77.40
	334111	Electronic computer manufacturing	D	S
	334113	Computer terminal manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	334411	Electronic computer manufacturing	1 689 368	67.16
	335110	Electric lamp bulb and part manufacturing	D	S
3344117		Electron tube parts	85 705	2.64
	334411	Electronic computer manufacturing	74 695	87.15
334411W		Electron tube manufacturing, nsk, total	62 300	1.92
	334411	Electronic computer manufacturing	62 242	99.91
334412		Bare printed circuit board manufacturing	6 615 714	100.00
	334119	Other computer peripheral equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	5 817 581	87.94
	334413	Semiconductor and related device manufacturing	45 864	.69
	334417	Electronic connector manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	26 540	.40
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	68 721	1.04
3344120		Other motor vehicle electrical and electronic equipment manufacturing	D	S
	3344120	Bare printed circuit boards	6 615 714	100.00
	334119	Other computer peripheral equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	5 817 581	87.94
	334413	Semiconductor and related device manufacturing	45 864	.69
	334417	Electronic connector manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	26 540	.40
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	68 721	1.04
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
334413		Semiconductor and related device manufacturing	59 683 691	100.00
	333295	Semiconductor machinery manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	11 140	.02
	334290	Other communications equipment manufacturing	D	S
	334413	Semiconductor and related device manufacturing	59 156 477	99.12
	334418	Printed circuit assembly (electronic assembly) manufacturing	13 238	.02
	334419	Other electronic component manufacturing	74 033	.12
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	165 359	.28
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	335314	Relay and industrial control manufacturing	D	S
	335911	Storage battery manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3344131		Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	49 383 542	82.74
	334119	Other computer peripheral equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	11 140	.02
	334290	Other communications equipment manufacturing	D	S
	334413	Semiconductor and related device manufacturing	49 071 453	99.37
	334418	Printed circuit assembly (electronic assembly) manufacturing	12 894	.03
	334419	Other electronic component manufacturing	58 828	.12
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	335314	Relay and industrial control manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3344134		Transistors	869 836	1.46
	334413	Semiconductor and related device manufacturing	864 983	99.44
3344137		Diodes and rectifiers	427 238	.72
	334413	Semiconductor and related device manufacturing	419 068	98.09
334413A		Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	6 964 875	11.67
	333295	Semiconductor machinery manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334413	Semiconductor and related device manufacturing	6 762 773	97.10
	334419	Other electronic component manufacturing	10 342	.15
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334413		Semiconductor and related device manufacturing—Con.		
334413A		Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks—Con.		
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals . . .	D	S
	335911	Storage battery manufacturing	D	S
334413W		Semiconductor and related device manufacturing, nsk, total	2 038 200	3.42
	334413	Semiconductor and related device manufacturing	2 038 200	100.00
334414		Electronic capacitor manufacturing	1 365 970	100.00
	334310	Audio and video equipment manufacturing	D	S
	334414	Electronic capacitor manufacturing	1 291 478	94.55
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	335912	Primary battery manufacturing	D	S
3344140		Capacitors for electronic circuitry	1 365 970	100.00
	334310	Audio and video equipment manufacturing	D	S
	334414	Electronic capacitor manufacturing	1 291 478	94.55
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	D	S
	335912	Primary battery manufacturing	D	S
334415		Electronic resistor manufacturing	682 755	100.00
	326121	Unlaminated plastics profile shape manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334413	Semiconductor and related device manufacturing	8 531	1.25
	334414	Electronic capacitor manufacturing	D	S
	334415	Electronic resistor manufacturing	507 623	74.35
	334419	Other electronic component manufacturing	19 097	2.80
3344150		Resistors for electronic circuitry	682 755	100.00
	326121	Unlaminated plastics profile shape manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334413	Semiconductor and related device manufacturing	8 531	1.25
	334414	Electronic capacitor manufacturing	D	S
	334415	Electronic resistor manufacturing	507 623	74.35
	334419	Other electronic component manufacturing	19 097	2.80
334416		Electronic coil, transformer, and other inductor manufacturing	1 210 430	100.00
	334111	Electronic computer manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334416	Electronic coil, transformer, and other inductor manufacturing	1 020 958	84.35
	334419	Other electronic component manufacturing	28 892	2.39
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
3344160		Electronic coils, transformers, and other inductors	1 210 430	100.00
	334111	Electronic computer manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334416	Electronic coil, transformer, and other inductor manufacturing	1 020 958	84.35
	334419	Other electronic component manufacturing	28 892	2.39
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
334417		Electronic connector manufacturing	3 885 478	100.00
	326121	Unlaminated plastics profile shape manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333314	Optical instrument and lens manufacturing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334417	Electronic connector manufacturing	3 281 386	84.45
	334418	Printed circuit assembly (electronic assembly) manufacturing	8 809	.23
	334419	Other electronic component manufacturing	49 455	1.27
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	5 483	.14
	335921	Fiber optic cable manufacturing	D	S
	335929	Other communication and energy wire manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	59 888	1.54
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3344171		Coaxial (RF) connectors for electronic circuitry	488 622	12.58
	331422	Copper wire (except mechanical) drawing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334417	Electronic connector manufacturing	398 580	81.57
	335929	Other communication and energy wire manufacturing	D	S
3344174		Cylindrical connectors for electronic circuitry	530 666	13.66
	334417	Electronic connector manufacturing	507 553	95.64
	334419	Other electronic component manufacturing	19 121	3.60
3344177		Rack and panel (rectangular) connectors for electronic circuitry	283 749	7.30
	326121	Unlaminated plastics profile shape manufacturing	D	S
	334417	Electronic connector manufacturing	234 474	82.63
	334419	Other electronic component manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
334417A		Printed circuit connectors for electronic circuitry	788 366	20.29
	334412	Bare printed circuit board manufacturing	D	S
	334417	Electronic connector manufacturing	676 272	85.78
	335931	Current-carrying wiring device manufacturing	D	S
334417D		Other connectors for electronic circuitry, including parts	1 576 019	40.56
	326199	All other plastics product manufacturing	D	S
	333298	All other industrial machinery manufacturing	D	S
	333314	Optical instrument and lens manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334417	Electronic connector manufacturing	1 246 451	79.09
	334419	Other electronic component manufacturing	10 899	.69
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	5 392	.34

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334417		Electronic connector manufacturing—Con.		
334417D		Other connectors for electronic circuitry, including parts—Con.		
	335921	Fiber optic cable manufacturing	27 492	1.74
	335931	Current-carrying wiring device manufacturing	24 112	1.53
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
334417W		Electronic connector manufacturing, nsk, total	218 056	5.61
	334417	Electronic connector manufacturing	218 056	100.00
334418		Printed circuit assembly (electronic assembly) manufacturing	22 782 118	100.00
	323112	Commercial flexographic printing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	334111	Electronic computer manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334113	Computer terminal manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	6 481	.03
	334210	Telephone apparatus manufacturing	10 311	.05
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	126 259	.55
	334290	Other communications equipment manufacturing	33 902	.15
	334412	Bare printed circuit board manufacturing	98 922	.43
	334413	Semiconductor and related device manufacturing	682 794	3.00
	334417	Electronic connector manufacturing	20 557	.09
	334418	Printed circuit assembly (electronic assembly) manufacturing	20 527 181	90.10
	334419	Other electronic component manufacturing	112 079	.49
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334517	Irradiation apparatus manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	8 528	.04
3344184		External modems, consumer	429 309	1.88
	332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	391 502	91.19
334418B		Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	21 079 096	92.52
	323112	Commercial flexographic printing	D	S
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334113	Computer terminal manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	6 481	.03
	334210	Telephone apparatus manufacturing	8 379	.04
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334290	Other communications equipment manufacturing	33 902	.16
	334412	Bare printed circuit board manufacturing	97 372	.46
	334413	Semiconductor and related device manufacturing	682 781	3.24
	334417	Electronic connector manufacturing	20 557	.10
	334418	Printed circuit assembly (electronic assembly) manufacturing	18 863 604	89.49
	334419	Other electronic component manufacturing	111 036	.53
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334517	Irradiation apparatus manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
334418W		Printed circuit assembly (electronic assembly) manufacturing, nsk, total	1 273 713	5.59
	334418	Printed circuit assembly (electronic assembly) manufacturing	1 272 075	99.87
334419		Other electronic component manufacturing	10 199 377	100.00
	331422	Copper wire (except mechanical) drawing	D	S
	332911	Industrial valve manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333295	Semiconductor machinery manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	334210	Telephone apparatus manufacturing	17 457	.17
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	28 954	.28
	334310	Audio and video equipment manufacturing	45 603	.45
	334411	Electron tube manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334414	Electronic capacitor manufacturing	11 630	.11
	334415	Electronic resistor manufacturing	D	S
	334417	Electronic connector manufacturing	101 666	1.00
	334418	Printed circuit assembly (electronic assembly) manufacturing	349 130	3.42
	334419	Other electronic component manufacturing	8 355 778	81.92
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	116 547	1.14
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	19 087	.19
	334514	Totalizing fluid meter and counting device manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334419		Other electronic component manufacturing—Con.		
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	5 171	.05
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	8 275	.08
	335110	Electric lamp bulb and part manufacturing	D	S
	335312	Motor and generator manufacturing	8 896	.09
	335314	Relay and industrial control manufacturing	9 707	.10
	335929	Other communication and energy wire manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	39 987	.39
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
3344191		Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters)	762 418	7.48
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	725 429	95.15
	335314	Relay and industrial control manufacturing	D	S
3344194		All other miscellaneous transducers, including electrical-electronic input/output transducers	1 236 819	12.13
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334419	Other electronic component manufacturing	1 040 409	84.12
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334514	Totalizing fluid meter and counting device manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	5 785	.47
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3344197		Switches, mechanical, for electronic circuitry	834 836	8.19
	334111	Electronic computer manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	334417	Electronic connector manufacturing	14 310	1.71
	334419	Other electronic component manufacturing	640 696	76.75
	335931	Current-carrying wiring device manufacturing	6 333	.76
334419A		Microwave components and devices, except antennae, tubes, and semiconductors	1 570 942	15.40
	331422	Copper wire (except mechanical) drawing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	9 529	.61
	334413	Semiconductor and related device manufacturing	D	S
	334419	Other electronic component manufacturing	1 259 114	80.15
	334516	Analytical laboratory instrument manufacturing	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
334419E		All other miscellaneous electronic components	4 447 903	43.61
	332911	Industrial valve manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333295	Semiconductor machinery manufacturing	D	S
	334111	Electronic computer manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	334210	Telephone apparatus manufacturing	12 512	.28
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	11 746	.26
	334310	Audio and video equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334415	Electronic resistor manufacturing	D	S
	334417	Electronic connector manufacturing	83 965	1.89
	334418	Printed circuit assembly (electronic assembly) manufacturing	331 998	7.46
	334419	Other electronic component manufacturing	3 357 248	75.48
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	46 288	1.04
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	335312	Motor and generator manufacturing	D	S
	335929	Other communication and energy wire manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	38 353	.86
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
334419W		Other electronic component manufacturing, nsk, total	1 346 459	13.20
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	334419	Other electronic component manufacturing	1 332 882	98.99
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
334510		Electromedical and electrotherapeutic apparatus manufacturing	15 219 239	100.00
	325412	Pharmaceutical preparation manufacturing	D	S
	325413	In-vitro diagnostic substance manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	14 644 747	96.23
	334517	Irradiation apparatus manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	253 195	1.66
	339113	Surgical appliance and supplies manufacturing	105 994	.70
3345101		Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)	13 769 610	90.48
	325412	Pharmaceutical preparation manufacturing	D	S
	325413	In-vitro diagnostic substance manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334412	Bare printed circuit board manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	13 196 213	95.84
	334517	Irradiation apparatus manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334510		Electromedical and electrotherapeutic apparatus manufacturing—Con.		
3345101		Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)—Con.		
	339112	Surgical and medical instrument manufacturing	253 195	1.84
	339113	Surgical appliance and supplies manufacturing	105 994	.77
3345103		Electronic hearing aids, complete units	833 167	5.47
	334510	Electromedical and electrotherapeutic apparatus manufacturing	832 428	99.91
334510W		Electromedical and electrotherapeutic apparatus manufacturing, nsk, total	616 462	4.05
	334510	Electromedical and electrotherapeutic apparatus manufacturing	616 106	99.94
334511		Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	30 212 793	100.00
	332993	Ammunition (except small arms) manufacturing	D	S
	332995	Other ordnance and accessories manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333314	Optical instrument and lens manufacturing	45 548	.15
	333319	Other commercial and service industry machinery manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	278 490	.92
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	12 637	.04
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	28 449 884	94.17
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334514	Totalizing fluid meter and counting device manufacturing	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	292 124	.97
	335312	Motor and generator manufacturing	D	S
	335314	Relay and industrial control manufacturing	10 763	.04
	335931	Current-carrying wiring device manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	114 318	.38
	336414	Guided missile and space vehicle manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
3345111		Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)	2 684 264	8.88
	333314	Optical instrument and lens manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2 432 465	90.62
	334519	Other measuring and controlling device manufacturing	136 579	5.09
	335312	Motor and generator manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
3345113		Search, detection, navigation, and guidance systems and equipment	26 681 159	88.31
	332993	Ammunition (except small arms) manufacturing	D	S
	332995	Other ordnance and accessories manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333314	Optical instrument and lens manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	25 170 049	94.34
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334514	Totalizing fluid meter and counting device manufacturing	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	155 545	.58
	335314	Relay and industrial control manufacturing	10 763	.04
	335931	Current-carrying wiring device manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
334511W		Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk, total	847 370	2.80
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	847 370	100.00
334512		Automatic environmental control manufacturing for residential, commercial, and appliance use	2 768 050	100.00
	327215	Glass product manufacturing made of purchased glass	D	S
	332312	Fabricated structural metal manufacturing	D	S
	332911	Industrial valve manufacturing	29 335	1.06
	333319	Other commercial and service industry machinery manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	2 555 122	92.31
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	16 342	.59
	335313	Switchgear and switchboard apparatus manufacturing	48 725	1.76
	335931	Current-carrying wiring device manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334512		Automatic environmental control manufacturing for residential, commercial, and appliance use —Con.		
3345120		Automatic environmental controls for monitoring residential, commercial, and appliance use	2 768 050	100.00
	327215	Glass product manufacturing made of purchased glass	D	S
	332312	Fabricated structural metal manufacturing	D	S
	332911	Industrial valve manufacturing	29 335	1.06
	333319	Other commercial and service industry machinery manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	2 555 122	92.31
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	16 342	.59
	335313	Switchgear and switchboard apparatus manufacturing	48 725	1.76
	335931	Current-carrying wiring device manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
334513		Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	6 769 461	100.00
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332911	Industrial valve manufacturing	154 666	2.28
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334419	Other electronic component manufacturing	30 578	.45
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	20 279	.30
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	5 988 057	88.46
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	72 113	1.07
	334516	Analytical laboratory instrument manufacturing	105 491	1.56
	334519	Other measuring and controlling device manufacturing	37 406	.55
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	335314	Relay and industrial control manufacturing	169 496	2.50
	339111	Laboratory apparatus and furniture manufacturing	7 076	.10
	339999	All other miscellaneous manufacturing	D	S
3345130		Process control instruments	6 769 461	100.00
	326113	Unlaminated plastics film and sheet (except packaging) manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332911	Industrial valve manufacturing	154 666	2.28
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334419	Other electronic component manufacturing	30 578	.45
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	20 279	.30
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	5 988 057	88.46
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	72 113	1.07
	334516	Analytical laboratory instrument manufacturing	105 491	1.56
	334519	Other measuring and controlling device manufacturing	37 406	.55
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	335314	Relay and industrial control manufacturing	169 496	2.50
	339111	Laboratory apparatus and furniture manufacturing	7 076	.10
	339999	All other miscellaneous manufacturing	D	S
334514		Totalizing fluid meter and counting device manufacturing	5 059 577	100.00
	326199	All other plastics product manufacturing	D	S
	327113	Porcelain electrical supply manufacturing	D	S
	332911	Industrial valve manufacturing	22 770	.45
	332996	Fabricated pipe and pipe fitting manufacturing	D	S
	334290	Other communications equipment manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	26 405	.52
	334514	Totalizing fluid meter and counting device manufacturing	4 653 025	91.96
	334519	Other measuring and controlling device manufacturing	12 035	.24
	335931	Current-carrying wiring device manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3345141		Integrating and totalizing meters for gas and liquids	1 421 203	28.09
	327113	Porcelain electrical supply manufacturing	D	S
	332911	Industrial valve manufacturing	22 770	1.60
	332996	Fabricated pipe and pipe fitting manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	10 141	.71
	334514	Totalizing fluid meter and counting device manufacturing	1 352 777	95.19
3345143		Counting devices, excluding motor vehicle instruments	466 615	9.22
	334290	Other communications equipment manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	11 846	2.54
	334514	Totalizing fluid meter and counting device manufacturing	405 868	86.98

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334514		Totalizing fluid meter and counting device manufacturing—Con.		
3345143		Counting devices, excluding motor vehicle instruments—Con.		
	335931	Current-carrying wiring device manufacturing	D	S
3345145		Motor vehicle instruments	2 928 428	57.88
	326199	All other plastics product manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334514	Totalizing fluid meter and counting device manufacturing	2 651 322	90.54
	334519	Other measuring and controlling device manufacturing	6 534	.22
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
334514W		Totalizing fluid meter and counting device manufacturing, nsk, total	243 331	4.81
	334514	Totalizing fluid meter and counting device manufacturing	243 058	99.89
334515		Instrument manufacturing for measuring and testing electricity and electrical signals	9 841 766	100.00
	333298	All other industrial machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334210	Telephone apparatus manufacturing	9 507	.10
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	32 671	.33
	334418	Printed circuit assembly (electronic assembly) manufacturing	21 232	.22
	334419	Other electronic component manufacturing	18 529	.19
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	299 990	3.05
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334514	Totalizing fluid meter and counting device manufacturing	22 664	.23
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	8 997 697	91.42
	334516	Analytical laboratory instrument manufacturing	7 891	.08
	334519	Other measuring and controlling device manufacturing	22 480	.23
	334613	Magnetic and optical recording media manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
3345151		Electrical integrating instruments	699 737	7.11
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	636 242	90.93
	334613	Magnetic and optical recording media manufacturing	D	S
3345153		Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	8 158 961	82.90
	333298	All other industrial machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334210	Telephone apparatus manufacturing	9 507	.12
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	32 669	.40
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	15 774	.19
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	281 356	3.45
	334514	Totalizing fluid meter and counting device manufacturing	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	7 418 194	90.92
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	11 595	.14
	336399	All other motor vehicle parts manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
3345155		Other instruments to measure electricity	318 039	3.23
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334514	Totalizing fluid meter and counting device manufacturing	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	278 653	87.62
	334519	Other measuring and controlling device manufacturing	9 260	2.91
334515W		Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, total	665 029	6.76
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	664 608	99.94
334516		Analytical laboratory instrument manufacturing	7 130 994	100.00
	325413	In-vitro diagnostic substance manufacturing	230 459	3.23
	333314	Optical instrument and lens manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	76 094	1.07
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334516	Analytical laboratory instrument manufacturing	6 567 990	92.10
	334519	Other measuring and controlling device manufacturing	50 493	.71
	339111	Laboratory apparatus and furniture manufacturing	5 337	.07
3345160		Analytical and scientific instruments, except optical	7 130 994	100.00
	325413	In-vitro diagnostic substance manufacturing	230 459	3.23
	333314	Optical instrument and lens manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	76 094	1.07
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334516	Analytical laboratory instrument manufacturing	6 567 990	92.10
	334519	Other measuring and controlling device manufacturing	50 493	.71
	339111	Laboratory apparatus and furniture manufacturing	5 337	.07
334517		Irradiation apparatus manufacturing	4 512 657	100.00

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334517		Irradiation apparatus manufacturing—Con.		
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334517	Irradiation apparatus manufacturing	4 237 835	93.91
	339112	Surgical and medical instrument manufacturing	6 388	.14
3345170		Irradiation (ionizing radiation) equipment	4 512 657	100.00
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	334413	Semiconductor and related device manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	D	S
	334517	Irradiation apparatus manufacturing	4 237 835	93.91
	339112	Surgical and medical instrument manufacturing	6 388	.14
334518		Watch, clock, and part manufacturing	637 761	100.00
	334518	Watch, clock, and part manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
3345182		Watches, watchcases, movements, and modules (including watch parts)	113 590	17.81
	334518	Watch, clock, and part manufacturing	D	S
	339911	Jewelry (except costume) manufacturing	D	S
3345184		Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)	507 482	79.57
	334518	Watch, clock, and part manufacturing	489 477	96.45
334518W		Watch, clock, and part manufacturing, nsk, total	16 689	2.62
	334518	Watch, clock, and part manufacturing	16 689	100.00
334519		Other measuring and controlling device manufacturing	5 357 627	100.00
	332911	Industrial valve manufacturing	6 605	.12
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333314	Optical instrument and lens manufacturing	48 204	.90
	333993	Packaging machinery manufacturing	11 504	.21
	334310	Audio and video equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	8 654	.16
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	229 844	4.29
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	68 689	1.28
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	41 661	.78
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	4 645 731	86.71
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	6 907	.13
	339999	All other miscellaneous manufacturing	D	S
3345192		Aircraft engine instruments, except flight	840 400	15.69
	334310	Audio and video equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	62 071	7.39
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334519	Other measuring and controlling device manufacturing	703 663	83.73
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3345194		Physical properties testing and inspection equipment and kinematic testing and measuring equipment	1 893 668	35.35
	332911	Industrial valve manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333314	Optical instrument and lens manufacturing	D	S
	333993	Packaging machinery manufacturing	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	53 790	2.84
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	1 577 920	83.33
3345195		Nuclear radiation detection and monitoring instruments	520 592	9.72
	333314	Optical instrument and lens manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	499 389	95.93
3345197		Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	1 437 786	26.84
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	166 075	11.55
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	11 029	.77
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334519	Other measuring and controlling device manufacturing	1 203 142	83.68
	339999	All other miscellaneous manufacturing	D	S
3345199		Survey and drafting instruments and apparatus, including photogrammetric equipment	266 411	4.97
	334519	Other measuring and controlling device manufacturing	264 876	99.42
334519W		Other measuring and controlling device manufacturing, nsk, total	398 770	7.44
	334519	Other measuring and controlling device manufacturing	396 741	99.49
334611		Software reproducing	617 290	100.00
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334611	Software reproducing	D	S
	334612	Prerecorded compact disc (except software), tape, and record reproducing	76 655	12.42
	335314	Relay and industrial control manufacturing	D	S
	339950	Sign manufacturing	D	S
3346110		Software reproducing	617 290	100.00
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334516	Analytical laboratory instrument manufacturing	D	S
	334611	Software reproducing	D	S
	334612	Prerecorded compact disc (except software), tape, and record reproducing	76 655	12.42

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
334611		Software reproducing—Con.		
3346110		Software reproducing—Con.		
	335314	Relay and industrial control manufacturing	D	S
	339950	Sign manufacturing	D	S
334612		Prerecorded compact disc (except software), tape, and record reproducing	4 268 612	100.00
	334612	Prerecorded compact disc (except software), tape, and record reproducing	D	S
	334613	Magnetic and optical recording media manufacturing	D	S
3346120		Reproduction of recording media	4 268 612	100.00
	334612	Prerecorded compact disc (except software), tape, and record reproducing	D	S
	334613	Magnetic and optical recording media manufacturing	D	S
334613		Magnetic and optical recording media manufacturing	2 564 267	100.00
	322222	Coated and laminated paper manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334612	Prerecorded compact disc (except software), tape, and record reproducing	D	S
	334613	Magnetic and optical recording media manufacturing	D	S
3346130		Magnetic and optical recording media	2 564 267	100.00
	322222	Coated and laminated paper manufacturing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	334112	Computer storage device manufacturing	D	S
	334612	Prerecorded compact disc (except software), tape, and record reproducing	D	S
	334613	Magnetic and optical recording media manufacturing	D	S
335110		Electric lamp bulb and part manufacturing	2 472 636	100.00
	327212	Other pressed and blown glass and glassware manufacturing	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	D	S
3351101		Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	2 155 760	87.18
	335110	Electric lamp bulb and part manufacturing	2 129 760	98.79
	335129	Other lighting equipment manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	D	S
3351103		Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	308 091	12.46
	327212	Other pressed and blown glass and glassware manufacturing	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
335110W		Electric lamp bulb and part manufacturing, nsk, total	8 785	.36
	335110	Electric lamp bulb and part manufacturing	8 785	100.00
335121		Residential electric lighting fixture manufacturing	1 965 398	100.00
	326199	All other plastics product manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	335121	Residential electric lighting fixture manufacturing	1 753 436	89.22
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	111 195	5.66
	335129	Other lighting equipment manufacturing	43 990	2.24
3351211		Residential-type electric lighting fixtures (except portable), including parts and accessories	1 263 226	64.27
	326199	All other plastics product manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	335121	Residential electric lighting fixture manufacturing	1 075 565	85.14
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	105 130	8.32
	335129	Other lighting equipment manufacturing	39 182	3.10
3351214		Residential-type portable lighting fixtures, including parts and accessories	631 036	32.11
	335121	Residential electric lighting fixture manufacturing	606 737	96.15
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	6 065	.96
335121W		Residential electric lighting fixture manufacturing, nsk, total	71 136	3.62
	335121	Residential electric lighting fixture manufacturing	71 134	100.00
335122		Commercial, industrial, and institutional electric lighting fixture manufacturing	3 906 236	100.00
	335121	Residential electric lighting fixture manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	3 332 389	85.31
	335129	Other lighting equipment manufacturing	288 729	7.39
	335931	Current-carrying wiring device manufacturing	9 416	.24
	335932	Noncurrent-carrying wiring device manufacturing	68 352	1.75
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	337214	Office furniture (except wood) manufacturing	D	S
3351221		Commercial and institutional-type electric lighting fixtures, including parts and accessories	2 651 594	67.88
	335121	Residential electric lighting fixture manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	2 397 557	90.42
	335129	Other lighting equipment manufacturing	63 360	2.39
	335931	Current-carrying wiring device manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	337214	Office furniture (except wood) manufacturing	D	S
3351222		Industrial-type electric lighting fixtures, including parts and accessories	1 132 034	28.98
	335121	Residential electric lighting fixture manufacturing	11 659	1.03
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	812 541	71.78
	335129	Other lighting equipment manufacturing	225 369	19.91
	335932	Noncurrent-carrying wiring device manufacturing	68 352	6.04
335122W		Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, total	122 608	3.14
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	122 291	99.74
335129		Other lighting equipment manufacturing	3 486 761	100.00
	325132	Synthetic organic dye and pigment manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	332510	Hardware manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	335121	Residential electric lighting fixture manufacturing	9 434	.27
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	54 986	1.58
	335129	Other lighting equipment manufacturing	3 066 470	87.95
	335312	Motor and generator manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	11 644	.33
	339950	Sign manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
335129		Other lighting equipment manufacturing—Con.		
3351291		Outdoor lighting equipment (including parts and accessories)	1 885 794	54.08
	326199	All other plastics product manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	335121	Residential electric lighting fixture manufacturing	8 804	.47
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	38 927	2.06
	335129	Other lighting equipment manufacturing	1 615 125	85.65
	335312	Motor and generator manufacturing	D	S
3351294		All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	1 530 285	43.89
	325132	Synthetic organic dye and pigment manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	332510	Hardware manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	16 059	1.05
	335129	Other lighting equipment manufacturing	1 380 663	90.22
	335931	Current-carrying wiring device manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	7 644	.50
	339950	Sign manufacturing	D	S
335129W		Other lighting equipment manufacturing, nsk, total	70 682	2.03
	335129	Other lighting equipment manufacturing	70 682	100.00
335211		Electric housewares and household fan manufacturing	2 010 095	100.00
	326191	Plastics plumbing fixture manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	335211	Electric housewares and household fan manufacturing	1 931 348	96.08
3352111		Electric fans, except industrial type	613 916	30.54
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	335211	Electric housewares and household fan manufacturing	598 263	97.45
3352114		Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	1 221 884	60.79
	326191	Plastics plumbing fixture manufacturing	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	335211	Electric housewares and household fan manufacturing	1 165 337	95.37
3352115		Parts and attachments for small household electric appliances	65 352	3.25
	335211	Electric housewares and household fan manufacturing	58 805	89.98
335211W		Electric housewares and household fan manufacturing, nsk, total	108 943	5.42
	335211	Electric housewares and household fan manufacturing	108 943	100.00
335212		Household vacuum cleaner manufacturing	2 236 713	100.00
	335211	Electric housewares and household fan manufacturing	D	S
	335212	Household vacuum cleaner manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
3352121		Household vacuum cleaners, upright-stick type, including parts	D	S
	335211	Electric housewares and household fan manufacturing	D	S
	335212	Household vacuum cleaner manufacturing	D	S
3352122		Floor waxing and floor polishing machines and parts	D	S
	335212	Household vacuum cleaner manufacturing	D	S
335212W		Household vacuum cleaner manufacturing, nsk, total	D	S
	335212	Household vacuum cleaner manufacturing	D	S
335221		Household cooking appliance manufacturing	4 030 283	100.00
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	335221	Household cooking appliance manufacturing	3 903 537	96.86
	335228	Other major household appliance manufacturing	D	S
3352211		Electric (including microwave) household ranges, ovens, surface cooking units, and equipment	1 905 685	47.28
	335221	Household cooking appliance manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
3352213		Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories)	929 545	23.06
	335221	Household cooking appliance manufacturing	D	S
	335228	Other major household appliance manufacturing	D	S
3352215		Other household ranges and cooking equipment	1 164 764	28.90
	333414	Heating equipment (except warm air furnaces) manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
335221W		Household cooking appliance manufacturing, nsk, total	30 289	.75
	335221	Household cooking appliance manufacturing	30 289	100.00
335222		Household refrigerator and home freezer manufacturing	5 354 277	100.00
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	5 258 492	98.21
3352221		Household refrigerators, including combination refrigerator-freezers	4 768 642	89.06
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
3352222		Household food freezers, complete units	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
3352223		Parts and attachments for household refrigerators and freezers	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
335224		Household laundry equipment manufacturing	4 486 624	100.00
	335224	Household laundry equipment manufacturing	4 447 123	99.12
	335228	Other major household appliance manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
3352240		Household laundry equipment	4 486 624	100.00
	335224	Household laundry equipment manufacturing	4 447 123	99.12
	335228	Other major household appliance manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
335228		Other major household appliance manufacturing	3 304 592	100.00
	335221	Household cooking appliance manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
	335228	Other major household appliance manufacturing	3 258 387	98.60
	336399	All other motor vehicle parts manufacturing	D	S
3352281		Household water heaters, electric, for permanent installation	627 636	18.99
	335228	Other major household appliance manufacturing	627 636	100.00
3352283		Household water heaters, except electric	835 806	25.29
	335228	Other major household appliance manufacturing	834 845	99.89
3352285		All other miscellaneous household appliances	1 839 948	55.68
	335221	Household cooking appliance manufacturing	D	S
	335222	Household refrigerator and home freezer manufacturing	D	S
	335228	Other major household appliance manufacturing	1 794 704	97.54
	336399	All other motor vehicle parts manufacturing	D	S
335311		Power, distribution, and specialty transformer manufacturing	4 332 416	100.00
	333912	Air and gas compressor manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
	335121	Residential electric lighting fixture manufacturing	D	S
	335311	Power, distribution, and specialty transformer manufacturing	4 159 230	96.00
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	335314	Relay and industrial control manufacturing	5 953	.14
	335931	Current-carrying wiring device manufacturing	D	S
3353111		Power and distribution transformers, except parts	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
3353113		Specialty transformers, except fluorescent lamp ballast	355 093	8.20
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
3353115		Fluorescent lamp ballasts	630 265	14.55
	335110	Electric lamp bulb and part manufacturing	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
3353117		Commercial, institutional, and industrial general-purpose transformers, all voltages	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
3353119		Power regulators, boosters, and other transformers and parts for all transformers	547 747	12.64
	333912	Air and gas compressor manufacturing	D	S
	334119	Other computer peripheral equipment manufacturing	D	S
	335121	Residential electric lighting fixture manufacturing	D	S
	335311	Power, distribution, and specialty transformer manufacturing	474 007	86.54
	335931	Current-carrying wiring device manufacturing	D	S
335311W		Power, distribution, and specialty transformer manufacturing, nsk, total	259 191	5.98
	335311	Power, distribution, and specialty transformer manufacturing	206 170	79.54
	335313	Switchgear and switchboard apparatus manufacturing	48 212	18.60
335312		Motor and generator manufacturing	8 944 301	100.00
	333120	Construction machinery manufacturing	D	S
	333293	Printing machinery and equipment manufacturing	D	S
	333412	Industrial and commercial fan and blower manufacturing	72 882	.81
	333618	Other engine equipment manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	335312	Motor and generator manufacturing	8 214 381	91.84
	335313	Switchgear and switchboard apparatus manufacturing	16 522	.18
	335991	Carbon and graphite product manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336510	Railroad rolling stock manufacturing	D	S
3353121		Fractional horsepower motors (rated at less than 746 watts) (except hermetics)	2 990 132	33.43
	333412	Industrial and commercial fan and blower manufacturing	D	S
	335312	Motor and generator manufacturing	2 814 739	94.13
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3353123		Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hermetics)	1 639 960	18.34
	333412	Industrial and commercial fan and blower manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	335312	Motor and generator manufacturing	1 610 507	98.20
3353125		Land transportation motors, generators, and control equipment (except parts)	196 625	2.20
	335312	Motor and generator manufacturing	51 674	26.28
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	336510	Railroad rolling stock manufacturing	D	S
3353127		Prime mover generator sets, except steam and hydraulic turbine	1 378 351	15.41
	333120	Construction machinery manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	333912	Air and gas compressor manufacturing	D	S
	335312	Motor and generator manufacturing	1 122 176	81.41
3353129		Fractional motor generator sets and other rotating equipment (including hermetics)	861 411	9.63
	333293	Printing machinery and equipment manufacturing	D	S
	335312	Motor and generator manufacturing	837 080	97.18
	335313	Switchgear and switchboard apparatus manufacturing	D	S
335312A		Integral motor generator sets and other rotating equipment (including hermetics)	535 500	5.99
	335312	Motor and generator manufacturing	509 795	95.20
	336510	Railroad rolling stock manufacturing	D	S
335312C		Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs	728 297	8.14
	333912	Air and gas compressor manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	335312	Motor and generator manufacturing	657 062	90.22
	335991	Carbon and graphite product manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
335312E		Armature rewinding on a factory basis	68 409	.76
	335312	Motor and generator manufacturing	68 409	100.00
335312W		Motor and generator manufacturing, nsk, total	545 616	6.10
	335312	Motor and generator manufacturing	542 939	99.51
335313		Switchgear and switchboard apparatus manufacturing	7 534 822	100.00

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
335313	333415	Switchgear and switchboard apparatus manufacturing—Con. Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	334419	Other electronic component manufacturing	19 107	.25
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	9 499	.13
	335311	Power, distribution, and specialty transformer manufacturing	10 521	.14
	335312	Motor and generator manufacturing	34 910	.46
	335313	Switchgear and switchboard apparatus manufacturing	7 130 583	94.64
	335314	Relay and industrial control manufacturing	123 829	1.64
	335931	Current-carrying wiring device manufacturing	72 235	.96
	335932	Noncurrent-carrying wiring device manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
3353131		Power circuit breakers, all voltages	696 689	9.25
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	667 989	95.88
	335314	Relay and industrial control manufacturing	D	S
3353133		Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	2 060 891	27.35
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	1 885 606	91.49
	335314	Relay and industrial control manufacturing	46 316	2.25
	336321	Vehicular lighting equipment manufacturing	D	S
3353135	335313	Fuses and fuse equipment less than 2300 volts (except power distribution cut-outs)	481 439	6.39
		Switchgear and switchboard apparatus manufacturing	470 315	97.69
3353137		Molded case circuit breakers, 1000 volts or less	1 322 557	17.55
	335313	Switchgear and switchboard apparatus manufacturing	D	S
	335314	Relay and industrial control manufacturing	D	S
3353139		Duct, including plug-in units and accessories, 1000 volts or less	210 402	2.79
	334419	Other electronic component manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	D	S
335313A		Switchgear, except ducts and relays	2 257 982	29.97
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	2 101 017	93.05
	335314	Relay and industrial control manufacturing	40 389	1.79
	335931	Current-carrying wiring device manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
335313W		Switchgear and switchboard apparatus manufacturing, nsk, total	504 862	6.70
	335313	Switchgear and switchboard apparatus manufacturing	504 162	99.86
335314		Relay and industrial control manufacturing	8 819 927	100.00
	327113	Porcelain electrical supply manufacturing	D	S
	332911	Industrial valve manufacturing	10 177	.12
	333512	Machine tool (metal cutting types) manufacturing	D	S
	333911	Pump and pumping equipment manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	37 166	.42
	334290	Other communications equipment manufacturing	D	S
	334416	Electronic coil, transformer, and other inductor manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	15 933	.18
	334419	Other electronic component manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	10 407	.12
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	85 385	.97
	334519	Other measuring and controlling device manufacturing	D	S
	335121	Residential electric lighting fixture manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	335312	Motor and generator manufacturing	160 617	1.82
	335313	Switchgear and switchboard apparatus manufacturing	173 323	1.97
	335314	Relay and industrial control manufacturing	7 954 154	90.18
	335931	Current-carrying wiring device manufacturing	73 044	.83
	335932	Noncurrent-carrying wiring device manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	5 727	.06
	336611	Ship building and repairing	D	S
3353141		Relays for electronic circuitry, industrial control overload, and switchgear type	694 720	7.88
	327113	Porcelain electrical supply manufacturing	D	S
	334290	Other communications equipment manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	335129	Other lighting equipment manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	25 208	3.63
	335314	Relay and industrial control manufacturing	552 976	79.60
	335931	Current-carrying wiring device manufacturing	23 609	3.40
	335932	Noncurrent-carrying wiring device manufacturing	D	S
3353143		Specific-purpose industrial controls	2 871 023	32.55
	327113	Porcelain electrical supply manufacturing	D	S
	333922	Conveyor and conveying equipment manufacturing	37 166	1.29
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	335121	Residential electric lighting fixture manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	17 113	.60
	335314	Relay and industrial control manufacturing	2 561 209	89.21
	335931	Current-carrying wiring device manufacturing	D	S
	336611	Ship building and repairing	D	S
3353146		General-purpose industrial controls	3 795 228	43.03
	327113	Porcelain electrical supply manufacturing	D	S
	332911	Industrial valve manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	10 379	.27
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	D	S
	334519	Other measuring and controlling device manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
335314		Relay and industrial control manufacturing—Con.		
3353146		General-purpose industrial controls—Con.		
	335312	Motor and generator manufacturing	91 835	2.42
	335313	Switchgear and switchboard apparatus manufacturing	95 225	2.51
	335314	Relay and industrial control manufacturing	3 482 447	91.76
	335931	Current-carrying wiring device manufacturing	D	S
	336611	Ship building and repairing	D	S
3353147		Parts for industrial controls and motor-control accessories	510 820	5.79
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	7 579	1.48
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	35 777	7.00
	335314	Relay and industrial control manufacturing	410 943	80.45
335314W		Relay and industrial control manufacturing, nsk, total	948 136	10.75
	335314	Relay and industrial control manufacturing	946 579	99.84
335911		Storage battery manufacturing	3 378 348	100.00
	334516	Analytical laboratory instrument manufacturing	D	S
	335911	Storage battery manufacturing	3 343 207	98.96
	335912	Primary battery manufacturing	D	S
3359111		Storage batteries, lead acid type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller)	2 087 453	61.79
	335911	Storage battery manufacturing	2 084 427	99.86
3359114		Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m))	863 022	25.55
	334516	Analytical laboratory instrument manufacturing	D	S
	335911	Storage battery manufacturing	D	S
3359117		Storage batteries (except lead acid), including parts for all storage batteries	276 976	8.20
	335911	Storage battery manufacturing	D	S
	335912	Primary battery manufacturing	D	S
335911W		Storage battery manufacturing, nsk, total	150 897	4.47
	335911	Storage battery manufacturing	150 897	100.00
335912		Primary battery manufacturing	2 839 369	100.00
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	335911	Storage battery manufacturing	D	S
	335912	Primary battery manufacturing	2 778 516	97.86
3359120		Primary batteries	2 839 369	100.00
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	335911	Storage battery manufacturing	D	S
	335912	Primary battery manufacturing	2 778 516	97.86
335921		Fiber optic cable manufacturing	1 428 733	100.00
	331422	Copper wire (except mechanical) drawing	D	S
	335921	Fiber optic cable manufacturing	1 314 922	92.03
	335929	Other communication and energy wire manufacturing	D	S
3359210		Fiber optic cable	1 428 733	100.00
	331422	Copper wire (except mechanical) drawing	D	S
	335921	Fiber optic cable manufacturing	1 314 922	92.03
	335929	Other communication and energy wire manufacturing	D	S
335929		Other communication and energy wire manufacturing	9 332 556	100.00
	326199	All other plastics product manufacturing	D	S
	331422	Copper wire (except mechanical) drawing	45 084	.48
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	334417	Electronic connector manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	10 592	.11
	334419	Other electronic component manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335929	Other communication and energy wire manufacturing	9 149 243	98.04
	335931	Current-carrying wiring device manufacturing	23 357	.25
3359291		Power wire and cable, made of nonferrous metals (purchased wire)	1 449 980	15.54
	331422	Copper wire (except mechanical) drawing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335929	Other communication and energy wire manufacturing	1 420 559	97.97
	335931	Current-carrying wiring device manufacturing	D	S
335929A		Electronic wire and cable, made of nonferrous metals (purchased wire)	2 610 881	27.98
	331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	D	S
	334417	Electronic connector manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	10 592	.41
	334419	Other electronic component manufacturing	D	S
	335929	Other communication and energy wire manufacturing	2 542 210	97.37
	335931	Current-carrying wiring device manufacturing	12 659	.48
335929B		Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire)	1 316 181	14.10
	335929	Other communication and energy wire manufacturing	1 307 204	99.32
335929C		Control and signal wire and cable, made of nonferrous metals (purchased wire)	251 955	2.70
	335929	Other communication and energy wire manufacturing	249 388	96.98
335929D		Building wire and cable, made of nonferrous metals (purchased wire)	2 388 710	25.60
	335929	Other communication and energy wire manufacturing	2 388 552	99.99
335929E		Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	532 588	5.71
	326199	All other plastics product manufacturing	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	335929	Other communication and energy wire manufacturing	D	S
335929W		Other communication and energy wire manufacturing, nsk, total	782 261	8.38
	331422	Copper wire (except mechanical) drawing	D	S
	335929	Other communication and energy wire manufacturing	D	S
335931		Current-carrying wiring device manufacturing	5 960 288	100.00
	325520	Adhesive manufacturing	D	S
	332116	Metal stamping	D	S
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	D	S
	334417	Electronic connector manufacturing	D	S
	334515	Instrument manufacturing for measuring and testing electricity and electrical signals	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	30 596	.51
	335314	Relay and industrial control manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
335931		Current-carrying wiring device manufacturing—Con.		
	335931	Current-carrying wiring device manufacturing	5 438 136	91.24
	335932	Noncurrent-carrying wiring device manufacturing	155 946	2.62
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	16 116	.27
	336322	Other motor vehicle electrical and electronic equipment manufacturing	21 217	.36
	339113	Surgical appliance and supplies manufacturing	D	S
3359311	335931	Current-carrying lampholders	D	S
3359313	335931	Current-carrying wiring device manufacturing	D	S
		Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	335 053	5.62
	325520	Adhesive manufacturing	D	S
	332211	Cutlery and flatware (except precious) manufacturing	D	S
	332212	Hand and edge tool manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	265 484	79.24
	335932	Noncurrent-carrying wiring device manufacturing	D	S
3359315	335931	Current-carrying switches for electrical circuitry (including vehicular switches)	2 161 240	36.26
	335313	Switchgear and switchboard apparatus manufacturing	5 820	.27
	335314	Relay and industrial control manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	2 069 335	95.75
	335932	Noncurrent-carrying wiring device manufacturing	11 541	.53
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3359317	335931	Current-carrying metal contacts, including precious metal	D	S
		Current-carrying wiring device manufacturing	D	S
3359319	335931	Current-carrying wire connectors for electrical circuitry	1 281 969	21.51
	332116	Metal stamping	D	S
	334417	Electronic connector manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	11 965	.93
	335931	Current-carrying wiring device manufacturing	1 164 915	90.87
	335932	Noncurrent-carrying wiring device manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
335931B		All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	1 572 987	26.39
	325520	Adhesive manufacturing	D	S
	332323	Ornamental and architectural metal work manufacturing	D	S
	334417	Electronic connector manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	11 738	.75
	335314	Relay and industrial control manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	1 347 528	85.67
	335932	Noncurrent-carrying wiring device manufacturing	84 520	5.37
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	14 388	.91
335931W	335931	Current-carrying wiring device manufacturing, nsk, total	249 910	4.19
		Current-carrying wiring device manufacturing	247 588	99.07
335932		Noncurrent-carrying wiring device manufacturing	3 258 798	100.00
	326122	Plastics pipe and pipe fitting manufacturing	32 554	1.00
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	332212	Hand and edge tool manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	23 352	.72
	335929	Other communication and energy wire manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	80 792	2.48
	335932	Noncurrent-carrying wiring device manufacturing	3 015 749	92.54
3359321	334220	Noncurrent-carrying pole and transmission line hardware	600 986	18.44
		Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	17 215	2.86
	335931	Current-carrying wiring device manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	532 446	88.60
3359323		Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fitting	1 726 008	52.96
	326122	Plastics pipe and pipe fitting manufacturing	32 554	1.89
	331210	Iron and steel pipe and tube manufacturing from purchased steel	D	S
	332212	Hand and edge tool manufacturing	D	S
	335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	1 618 022	93.74
3359326	335313	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.)	852 972	26.17
	335931	Switchgear and switchboard apparatus manufacturing	5 260	.62
	335932	Noncurrent-carrying wiring device manufacturing	D	S
	335932	Noncurrent-carrying wiring device manufacturing	786 449	92.20
335932W	335932	Noncurrent-carrying wiring device manufacturing, nsk, total	78 832	2.42
		Noncurrent-carrying wiring device manufacturing	78 832	100.00
335991		Carbon and graphite product manufacturing	1 624 308	100.00
	335991	Carbon and graphite product manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3359911	335991	Carbon and graphite electrodes for electric furnaces and electrolytic cell use	740 300	45.58
		Carbon and graphite product manufacturing	740 300	100.00
3359913	335991	All other carbon and graphite products	810 221	49.88
	335991	Carbon and graphite product manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
335991W	335991	Carbon and graphite product manufacturing, nsk, total	73 787	4.54
		Carbon and graphite product manufacturing	73 787	100.00
335999		All other miscellaneous electrical equipment and component manufacturing	7 471 024	100.00
	326199	All other plastics product manufacturing	D	S
	331422	Copper wire (except mechanical) drawing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332321	Metal window and door manufacturing	D	S
	332510	Hardware manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333314	Optical instrument and lens manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
335999		All other miscellaneous electrical equipment and component manufacturing—Con.		
	333995	Fluid power cylinder and actuator manufacturing	D	S
	334210	Telephone apparatus manufacturing	25 028	.34
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	15 364	.21
	334290	Other communications equipment manufacturing	D	S
	334413	Semiconductor and related device manufacturing	5 776	.08
	334414	Electronic capacitor manufacturing	D	S
	334416	Electronic coil, transformer, and other inductor manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	8 189	.11
	334419	Other electronic component manufacturing	12 418	.17
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	68 413	.92
	335129	Other lighting equipment manufacturing	17 691	.24
	335311	Power, distribution, and specialty transformer manufacturing	10 325	.14
	335312	Motor and generator manufacturing	D	S
	335313	Switchgear and switchboard apparatus manufacturing	25 369	.34
	335314	Relay and industrial control manufacturing	22 874	.31
	335911	Storage battery manufacturing	25 796	.35
	335931	Current-carrying wiring device manufacturing	13 693	.18
	335999	All other miscellaneous electrical equipment and component manufacturing	6 405 124	85.73
	336399	All other motor vehicle parts manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
3359991		Capacitors for industrial use (except for electronic circuitry)	297 127	3.98
	326199	All other plastics product manufacturing	D	S
	334414	Electronic capacitor manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	274 974	92.54
3359993		Rectifying apparatus	1 829 664	24.49
	334413	Semiconductor and related device manufacturing	5 701	.31
	334416	Electronic coil, transformer, and other inductor manufacturing	12 340	.67
	334419	Other electronic component manufacturing	12 170	.67
	335311	Power, distribution, and specialty transformer manufacturing	10 325	.56
	335312	Motor and generator manufacturing	D	S
	335911	Storage battery manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	1 728 921	94.49
	336399	All other motor vehicle parts manufacturing	D	S
3359996		Other electrical equipment for industrial use (except for electronic circuitry)	465 880	6.24
	332510	Hardware manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	418 561	89.84
3359997		Laser generator power supplies and components	924 085	12.37
	333314	Optical instrument and lens manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	900 995	97.50
3359999		All other laser systems and equipment	171 497	2.30
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
335999A		Ultrasonic equipment (except medical and dental)	224 817	3.01
	335999	All other miscellaneous electrical equipment and component manufacturing	224 773	99.98
335999B		Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire	380 353	5.09
	331422	Copper wire (except mechanical) drawing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
335999E		All other miscellaneous electrical equipment and components (except for industrial use)	226 967	3.04
	331422	Copper wire (except mechanical) drawing	D	S
	332212	Hand and edge tool manufacturing	D	S
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333991	Power-driven handtool manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	154 958	68.27
335999F		All other miscellaneous electronic systems and equipment (including automatic garage door openers and amplifiers)	1 591 845	21.31
	332321	Metal window and door manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	D	S
	334210	Telephone apparatus manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334290	Other communications equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	66 746	4.19
	335129	Other lighting equipment manufacturing	17 050	1.07
	335314	Relay and industrial control manufacturing	D	S
	335911	Storage battery manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	855 612	53.75
	336411	Aircraft manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
335999W		All other miscellaneous electrical equipment and component manufacturing, nsk, total	1 358 789	18.19
	335313	Switchgear and switchboard apparatus manufacturing	24 531	1.81
	335911	Storage battery manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	1 318 578	97.04
336111		Automobile manufacturing	85 884 469	100.00
	336111	Automobile manufacturing	82 007 162	95.49
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
3361110		Automobile manufacturing	85 884 469	100.00
	336111	Automobile manufacturing	82 007 162	95.49
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
336112		Light truck and utility vehicle manufacturing	134 629 012	100.00
	333319	Other commercial and service industry machinery manufacturing	D	S
	336111	Automobile manufacturing	4 490 121	3.34

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336112		Light truck and utility vehicle manufacturing—Con.		
	336112	Light truck and utility vehicle manufacturing	130 037 080	96.59
	336120	Heavy duty truck manufacturing	D	S
3361120		Light truck and utility vehicle manufacturing	134 629 012	100.00
	333319	Other commercial and service industry machinery manufacturing	D	S
	336111	Automobile manufacturing	4 490 121	3.34
	336112	Light truck and utility vehicle manufacturing	130 037 080	96.59
	336120	Heavy duty truck manufacturing	D	S
336120		Heavy duty truck manufacturing	16 521 984	100.00
	332993	Ammunition (except small arms) manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	15 458 786	93.56
3361201		Trucks, truck tractors, and bus chassis (chassis of own manufacture) 14,001 to 33,000 lb	3 543 166	21.45
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
3361202		Trucks, truck tractors, and bus chassis (chassis of own manufacture) 33,001 lb or more	10 351 764	62.65
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
3361203		Buses, including military and firefighting vehicles (chassis of own manufacture)	2 404 696	14.55
	332993	Ammunition (except small arms) manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
336120W		Heavy duty truck manufacturing, nsk, total	222 358	1.35
	336120	Heavy duty truck manufacturing	222 310	99.98
336211		Motor vehicle body manufacturing	7 800 270	100.00
	333111	Farm machinery and equipment manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	158 743	2.04
	336211	Motor vehicle body manufacturing	7 099 085	91.01
	336212	Truck trailer manufacturing	55 009	.71
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
3362112		Bus bodies and truck cabs for sale separately	1 408 027	18.05
	333111	Farm machinery and equipment manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336211	Motor vehicle body manufacturing	1 303 750	92.59
3362114		Van bodies for sale separately	433 591	5.56
	336211	Motor vehicle body manufacturing	432 063	99.65
3362115		Other truck and vehicle bodies for sale separately (including dumptruck lifting mechanisms and kit cars)	1 966 673	25.21
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336211	Motor vehicle body manufacturing	1 517 573	77.16
	336212	Truck trailer manufacturing	37 327	1.90
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
3362117		Buses and firefighting vehicles, complete, produced on purchased chassis	1 668 898	21.40
	336211	Motor vehicle body manufacturing	1 668 881	100.00
3362119		Other trucks, complete, produced on purchased chassis	1 578 577	20.24
	336120	Heavy duty truck manufacturing	D	S
	336211	Motor vehicle body manufacturing	1 432 428	90.74
	336212	Truck trailer manufacturing	15 372	.97
	336399	All other motor vehicle parts manufacturing	D	S
336211W		Motor vehicle body manufacturing, nsk, total	744 504	9.54
	336211	Motor vehicle body manufacturing	744 390	99.98
336212		Truck trailer manufacturing	3 880 044	100.00
	332111	Iron and steel forging	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	336211	Motor vehicle body manufacturing	64 309	1.66
	336212	Truck trailer manufacturing	3 723 262	95.96
	336213	Motor home manufacturing	D	S
	336214	Travel trailer and camper manufacturing	D	S
3362121		Truck trailers and chassis, with axle rating of 10,000 lb or more	3 393 272	87.45
	332111	Iron and steel forging	D	S
	333111	Farm machinery and equipment manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	336211	Motor vehicle body manufacturing	61 425	1.81
	336212	Truck trailer manufacturing	3 245 188	95.64
	336213	Motor home manufacturing	D	S
	336214	Travel trailer and camper manufacturing	D	S
3362123		Truck trailers and chassis, with axle rating of less than 10,000 lb	181 912	4.69
	336212	Truck trailer manufacturing	174 260	95.79
336212W		Truck trailer manufacturing, nsk, total	304 860	7.86
	336212	Truck trailer manufacturing	303 814	99.66
336213		Motor home manufacturing	5 213 989	100.00
	336213	Motor home manufacturing	5 024 735	96.37
	336214	Travel trailer and camper manufacturing	189 254	3.63
3362130		Motor homes, produced on purchased chassis	5 213 989	100.00
	336213	Motor home manufacturing	5 024 735	96.37
	336214	Travel trailer and camper manufacturing	189 254	3.63
336214		Travel trailer and camper manufacturing	6 776 926	100.00
	332312	Fabricated structural metal manufacturing	9 062	.13
	332321	Metal window and door manufacturing	D	S
	332420	Metal tank (heavy gauge) manufacturing	11 765	.17
	332710	Machine shops	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336214		Travel trailer and camper manufacturing—Con.		
	333111	Farm machinery and equipment manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	336213	Motor home manufacturing	D	S
	336214	Travel trailer and camper manufacturing	6 305 985	93.05
	336612	Boat building	52 559	.78
	336999	All other transportation equipment manufacturing	D	S
3362141		Travel trailers	3 432 267	50.65
	336213	Motor home manufacturing	327 105	9.53
	336214	Travel trailer and camper manufacturing	3 102 280	90.39
3362143		Automobile and light truck trailers	1 769 468	26.11
	332420	Metal tank (heavy gauge) manufacturing	11 765	.66
	333111	Farm machinery and equipment manufacturing	D	S
	336214	Travel trailer and camper manufacturing	1 661 448	93.90
	336612	Boat building	52 559	2.97
	336999	All other transportation equipment manufacturing	D	S
3362145		Camping trailers, campers, pickup covers, and parts	993 860	14.67
	332321	Metal window and door manufacturing	D	S
	332710	Machine shops	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	336214	Travel trailer and camper manufacturing	960 976	96.69
336214W		Travel trailer and camper manufacturing, nsk, total	581 331	8.58
	336214	Travel trailer and camper manufacturing	581 281	99.99
336311		Carburetor, piston, piston ring, and valve manufacturing	2 323 886	100.00
	326199	All other plastics product manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
	333618	Other engine equipment manufacturing	21 728	.93
	336311	Carburetor, piston, piston ring, and valve manufacturing	1 848 198	79.53
	336312	Gasoline engine and engine parts manufacturing	101 279	4.36
	336321	Vehicle lighting equipment manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	35 899	1.54
3363111		Carburetors, new and rebuilt (all types)	391 091	16.83
	336311	Carburetor, piston, piston ring, and valve manufacturing	140 499	35.92
	336312	Gasoline engine and engine parts manufacturing	D	S
	336321	Vehicle lighting equipment manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
3363113		Pistons, piston rings, and piston pins (engine)	1 436 813	61.83
	333612	Speed changer, industrial high-speed drive, and gear manufacturing	D	S
	333618	Other engine equipment manufacturing	19 343	1.35
	336311	Carburetor, piston, piston ring, and valve manufacturing	1 235 135	85.96
	336312	Gasoline engine and engine parts manufacturing	57 104	3.97
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	35 899	2.50
3363115		Valves (engine intake and exhaust)	416 684	17.93
	326199	All other plastics product manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	393 364	94.40
336311W		Carburetor, piston, piston ring, and valve manufacturing, nsk, total	79 298	3.41
	336311	Carburetor, piston, piston ring, and valve manufacturing	79 200	99.88
336312		Gasoline engine and engine parts manufacturing	31 272 414	100.00
	326291	Rubber product manufacturing for mechanical use	D	S
	332991	Ball and roller bearing manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	333618	Other engine equipment manufacturing	62 320	.20
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	29 183 351	93.32
	336322	Other motor vehicle electrical and electronic equipment manufacturing	362 575	1.16
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	47 101	.15
	336340	Motor vehicle brake system manufacturing	187 941	.60
	336350	Motor vehicle transmission and power train parts manufacturing	313 899	1.00
	336399	All other motor vehicle parts manufacturing	68 971	.22
3363121		Gasoline engines and gasoline engine parts for motor vehicles, new	29 779 550	95.23
	326291	Rubber product manufacturing for mechanical use	D	S
	332991	Ball and roller bearing manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	334418	Printed circuit assembly (electronic assembly) manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	27 737 423	93.14
	336322	Other motor vehicle electrical and electronic equipment manufacturing	354 479	1.19
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	47 101	.16
	336340	Motor vehicle brake system manufacturing	186 302	.63
	336350	Motor vehicle transmission and power train parts manufacturing	309 498	1.04
	336399	All other motor vehicle parts manufacturing	68 946	.23
3363123		Gasoline engines and engine parts for motor vehicles, rebuilt	593 058	1.90
	333618	Other engine equipment manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	546 191	92.10
	336322	Other motor vehicle electrical and electronic equipment manufacturing	8 096	1.37

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336312		Gasoline engine and engine parts manufacturing—Con.		
336312W		Gasoline engine and engine parts manufacturing, nsk, total	899 806	2.88
	336312	Gasoline engine and engine parts manufacturing	899 737	99.99
336321		Vehicular lighting equipment manufacturing	2 584 543	100.00
	334290	Other communications equipment manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	2 563 165	99.17
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3363210		Vehicular lighting equipment	2 584 543	100.00
	334290	Other communications equipment manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	2 563 165	99.17
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
336322		Other motor vehicle electrical and electronic equipment manufacturing	17 725 566	100.00
	333618	Other engine equipment manufacturing	33 737	.19
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	335312	Motor and generator manufacturing	7 593	.04
	335931	Current-carrying wiring device manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	771 398	4.35
	336321	Vehicular lighting equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	16 117 086	90.93
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	17 831	.10
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	31 426	.18
3363221		Ignition harness and cable sets	1 202 339	6.78
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
3363223		Battery charging alternators, generators, and regulators	1 613 089	9.10
	336312	Gasoline engine and engine parts manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3363225		Cranking motors (starters)	2 064 157	11.65
	333923	Overhead traveling crane, hoist, and monorail system manufacturing	D	S
	335311	Power, distribution, and specialty transformer manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	1 475 063	71.46
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
3363227		Spark plugs (all types)	507 283	2.86
	336312	Gasoline engine and engine parts manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
3363229		All other miscellaneous complete engine electrical equipment	4 425 745	24.97
	333618	Other engine equipment manufacturing	6 487	.15
	335931	Current-carrying wiring device manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	4 250 314	96.04
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
336322A		Parts for engine electrical and electronic equipment	675 241	3.81
	336312	Gasoline engine and engine parts manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
336322D		Motor vehicle electrical and electronic equipment	6 180 746	34.87
	333618	Other engine equipment manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336321	Vehicular lighting equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	5 858 521	94.79
	336340	Motor vehicle brake system manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
336322W		Other motor vehicle electrical and electronic equipment manufacturing, nsk, total	1 056 966	5.96
	336322	Other motor vehicle electrical and electronic equipment manufacturing	1 055 757	99.89
336330		Motor vehicle steering and suspension component (except spring) manufacturing	10 687 155	100.00
	326199	All other plastics product manufacturing	D	S
	332111	Iron and steel forging	D	S
	333913	Measuring and dispensing pump manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	122 219	1.14
	336321	Vehicular lighting equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	47 773	.45
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	9 284 352	86.87
	336340	Motor vehicle brake system manufacturing	237 953	2.23
	336350	Motor vehicle transmission and power train parts manufacturing	608 190	5.69
	336399	All other motor vehicle parts manufacturing	254 065	2.38
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
3363301		Motor vehicle steering and suspension components, new	10 351 686	96.86
	326199	All other plastics product manufacturing	D	S
	332111	Iron and steel forging	D	S
	333913	Measuring and dispensing pump manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	122 041	1.18
	336321	Vehicular lighting equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	47 773	.46
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	9 004 086	86.98
	336340	Motor vehicle brake system manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	254 041	2.45
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
3363303		Motor vehicle steering and suspension components, rebuilt	182 073	1.70
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	126 870	69.68
	336340	Motor vehicle brake system manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
336330W		Motor vehicle steering and suspension component (except spring) manufacturing, nsk, total	153 396	1.44
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	153 396	100.00
336340		Motor vehicle brake system manufacturing	12 261 956	100.00
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	193 825	1.58

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336340		Motor vehicle brake system manufacturing—Con.		
	336322	Other motor vehicle electrical and electronic equipment manufacturing	38 112	.31
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	160 041	1.31
	336340	Motor vehicle brake system manufacturing	11 444 540	93.33
	336350	Motor vehicle transmission and power train parts manufacturing	266 857	2.18
	336399	All other motor vehicle parts manufacturing	122 178	1.00
3363401		Motor vehicle brake parts and assemblies, new	11 672 431	95.19
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	335312	Motor and generator manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	189 977	1.63
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	10 923 970	93.59
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	122 121	1.05
3363403		Motor vehicle brake parts and assemblies, rebuilt	407 363	3.32
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	338 408	83.07
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
336340W		Motor vehicle brake system manufacturing, nsk, total	182 162	1.49
	336340	Motor vehicle brake system manufacturing	182 162	100.00
336350		Motor vehicle transmission and power train parts manufacturing	35 839 495	100.00
	332710	Machine shops	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	333618	Other engine equipment manufacturing	57 019	.16
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	335312	Motor and generator manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	730 633	2.04
	336322	Other motor vehicle electrical and electronic equipment manufacturing	887 092	2.48
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	110 721	.31
	336350	Motor vehicle transmission and power train parts manufacturing	32 677 134	91.18
	336399	All other motor vehicle parts manufacturing	126 627	.35
3363501		Motor vehicle drive train components, new	34 498 469	96.26
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	333618	Other engine equipment manufacturing	56 768	.16
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	335312	Motor and generator manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336311	Carburetor, piston, piston ring, and valve manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	883 127	2.56
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	107 349	.31
	336350	Motor vehicle transmission and power train parts manufacturing	31 415 775	91.06
	336399	All other motor vehicle parts manufacturing	123 779	.36
3363503		Motor vehicle drive train components, rebuilt	945 328	2.64
	332710	Machine shops	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
336350W		Motor vehicle transmission and power train parts manufacturing	865 661	91.57
	336350	Motor vehicle transmission and power train parts manufacturing, nsk, total	395 698	1.10
	336350	Motor vehicle transmission and power train parts manufacturing	395 698	100.00
336360		Motor vehicle seating and interior trim manufacturing	16 748 299	100.00
	314110	Carpet and rug mills	D	S
	314999	All other miscellaneous textile product mills	12 849	.08
	326199	All other plastics product manufacturing	6 346	.04
	326299	All other rubber product manufacturing	D	S
	332510	Hardware manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	16 510 008	98.58
	336399	All other motor vehicle parts manufacturing	20 515	.12
	337121	Upholstered household furniture manufacturing	D	S
3363601		Automobile trimmings	4 496 616	26.85
	314110	Carpet and rug mills	D	S
	314999	All other miscellaneous textile product mills	D	S
	326299	All other rubber product manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	4 395 881	97.76
3363602		Fabricated seat and safety belts, including shoulder harnesses (except leather)	758 273	4.53
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
3363603		Seats for public conveyance and aircraft	9 359 495	55.88
	332510	Hardware manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	9 287 156	99.23
	336399	All other motor vehicle parts manufacturing	D	S
	337121	Upholstered household furniture manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336360		Motor vehicle seating and interior trim manufacturing—Con.		
3363605		Fabricated automobile seat covers and tire covers	614 987	3.67
	314999	All other miscellaneous textile product mills	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
3363607		Metal motor vehicle seat frames	1 157 987	6.91
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
336360W		Motor vehicle seating and interior trim manufacturing, nsk, total	360 941	2.16
	336360	Motor vehicle seating and interior trim manufacturing	358 566	99.34
336370		Motor vehicle metal stamping	24 752 577	100.00
	326199	All other plastics product manufacturing	D	S
	332116	Metal stamping	320 049	1.29
	332439	Other metal container manufacturing	D	S
	332710	Machine shops	16 479	.07
	333298	All other industrial machinery manufacturing	D	S
	333511	Industrial mold manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	32 317	.13
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336370	Motor vehicle metal stamping	23 771 531	96.04
	336399	All other motor vehicle parts manufacturing	70 228	.28
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3363700		Automotive job stampings (truck, bus, and passenger car)	24 752 577	100.00
	326199	All other plastics product manufacturing	D	S
	332116	Metal stamping	320 049	1.29
	332439	Other metal container manufacturing	D	S
	332710	Machine shops	16 479	.07
	333298	All other industrial machinery manufacturing	D	S
	333511	Industrial mold manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	32 317	.13
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336370	Motor vehicle metal stamping	23 771 531	96.04
	336399	All other motor vehicle parts manufacturing	70 228	.28
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
336391		Motor vehicle air-conditioning manufacturing	4 902 165	100.00
	332919	Other metal valve and pipe fitting manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	4 837 145	98.67
	336399	All other motor vehicle parts manufacturing	9 126	.19
3363917		Motor vehicle mechanical air-conditioning systems	3 150 082	64.26
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	D	S
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	3 103 062	98.51
336391B		Automotive air-conditioning compressors (open-type, with or without motor)	1 735 094	35.39
	332919	Other metal valve and pipe fitting manufacturing	D	S
	336391	Motor vehicle air-conditioning manufacturing	1 717 094	98.96
	336399	All other motor vehicle parts manufacturing	D	S
336391W		Motor vehicle air-conditioning manufacturing, nsk, total	16 989	.35
	336391	Motor vehicle air-conditioning manufacturing	16 989	100.00
336399		All other motor vehicle parts manufacturing	37 366 189	100.00
	325910	Printing ink manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	326211	Tire manufacturing (except retreading)	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	332439	Other metal container manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	6 678	.02
	333618	Other engine equipment manufacturing	26 787	.07
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	20 648	.06
	336211	Motor vehicle body manufacturing	D	S
	336212	Truck trailer manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	336 648	.90
	336321	Vehicular lighting equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	237 567	.64
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	143 357	.38
	336340	Motor vehicle brake system manufacturing	189 930	.51
	336350	Motor vehicle transmission and power train parts manufacturing	89 681	.24
	336360	Motor vehicle seating and interior trim manufacturing	174 010	.47
	336370	Motor vehicle metal stamping	39 611	.11
	336391	Motor vehicle air-conditioning manufacturing	1 261 237	3.38
	336399	All other motor vehicle parts manufacturing	33 485 012	89.61
	336412	Aircraft engine and engine parts manufacturing	7 134	.02
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336399		All other motor vehicle parts manufacturing—Con.		
3363991		Filters for internal combustion engines and motor vehicles, new	2 843 056	7.61
	333618	Other engine equipment manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	336312	Gasoline engine and engine parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	2 765 169	97.26
3363993		Exhaust system parts, new	7 229 238	19.35
	336312	Gasoline engine and engine parts manufacturing	D	S
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	11 964	.17
	336391	Motor vehicle air-conditioning manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	7 173 835	99.23
3363995		Motor vehicle wheels, new	2 670 146	7.15
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	2 652 655	99.34
3363996		Trailer hitches (for travel trailers, automobile trailers, and light duty truck trailers)	366 636	.98
	336399	All other motor vehicle parts manufacturing	358 012	97.65
3363998		All other motor vehicle parts and accessories, new and rebuilt	21 423 785	57.33
	325910	Printing ink manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	326211	Tire manufacturing (except retreading)	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	332311	Prefabricated metal building and component manufacturing	D	S
	332439	Other metal container manufacturing	D	S
	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	6 678	.03
	334310	Audio and video equipment manufacturing	D	S
	335110	Electric lamp bulb and part manufacturing	D	S
	336111	Automobile manufacturing	D	S
	336112	Light truck and utility vehicle manufacturing	D	S
	336120	Heavy duty truck manufacturing	20 648	.10
	336211	Motor vehicle body manufacturing	86 981	.41
	336212	Truck trailer manufacturing	17 504	.08
	336312	Gasoline engine and engine parts manufacturing	276 460	1.29
	336321	Vehicular lighting equipment manufacturing	D	S
	336322	Other motor vehicle electrical and electronic equipment manufacturing	236 688	1.10
	336330	Motor vehicle steering and suspension component (except spring) manufacturing	131 393	.61
	336340	Motor vehicle brake system manufacturing	186 627	.87
	336350	Motor vehicle transmission and power train parts manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	174 010	.81
	336370	Motor vehicle metal stamping	39 601	.18
	336391	Motor vehicle air-conditioning manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	17 729 710	82.76
	336413	Other aircraft parts and auxiliary equipment manufacturing	2 833 328	7.58
336399W		All other motor vehicle parts manufacturing, nsk, total	24 882	.88
	336211	Motor vehicle body manufacturing	2 805 631	99.02
	336399	All other motor vehicle parts manufacturing		
336411		Aircraft manufacturing,	60 729 396	100.00
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	59 088 492	97.30
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	1 567 162	2.58
	336414	Guided missile and space vehicle manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
3364112		Military aircraft (including all aircraft for U.S. military and any other aircraft built to military specifications)	14 326 081	23.59
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
3364113		Civilian aircraft	34 835 253	57.36
	336411	Aircraft manufacturing	34 795 479	99.89
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
3364115		Modification, conversion, and overhaul of previously accepted aircraft	6 156 085	10.14
	336411	Aircraft manufacturing	5 107 761	82.97
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
3364117		All other aeronautical services on complete aircraft	4 853 434	7.99
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
336411W		Aircraft manufacturing, nsk, total	558 543	.92
	336411	Aircraft manufacturing	558 394	99.97
336412		Aircraft engine and engine parts manufacturing	20 774 228	100.00
	333511	Industrial mold manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	21 299	.10
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	20 003 636	96.29
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
3364121		Military aircraft engines (including other aircraft engines built to military specifications)	1 805 031	8.69
	336412	Aircraft engine and engine parts manufacturing	1 802 128	99.84
3364123		Civilian aircraft engines	5 918 229	28.49
	333511	Industrial mold manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	5 850 808	98.86
3364125		Aeronautical services on aircraft engines	3 534 525	17.01
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	3 516 544	99.49
3364127		Aircraft engine parts and accessories	9 093 182	43.77
	333611	Turbine and turbine generator set units manufacturing	D	S
	336411	Aircraft manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336412		Aircraft engine and engine parts manufacturing—Con.		
3364127		Aircraft engine parts and accessories—Con.		
	336412	Aircraft engine and engine parts manufacturing	8 412 134	92.51
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
336412W		Aircraft engine and engine parts manufacturing, nsk, total	423 261	2.04
	336412	Aircraft engine and engine parts manufacturing	422 022	99.71
336413		Other aircraft parts and auxiliary equipment manufacturing	21 100 556	100.00
	326299	All other rubber product manufacturing	D	S
	332710	Machine shops	D	S
	332912	Fluid power valve and hose fitting manufacturing	150 420	.71
	333611	Turbine and turbine generator set units manufacturing	D	S
	333613	Mechanical power transmission equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	29 172	.14
	335931	Current-carrying wiring device manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
	336411	Aircraft manufacturing	2 242 052	10.63
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	17 663 005	83.71
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	23 302	.11
	339999	All other miscellaneous manufacturing	7 723	.04
3364131		Aircraft propellers and helicopter rotors	483 449	2.29
	333611	Turbine and turbine generator set units manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	361 903	74.86
3364133		Research and development on aircraft parts (except engines)	603 960	2.86
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	265 806	44.01
3364136		Aircraft parts and auxiliary equipment, excluding hydraulic and pneumatic subassemblies and engines	18 907 619	89.61
	326299	All other rubber product manufacturing	D	S
	332710	Machine shops	D	S
	332912	Fluid power valve and hose fitting manufacturing	146 817	.78
	333613	Mechanical power transmission equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	335931	Current-carrying wiring device manufacturing	D	S
	336340	Motor vehicle brake system manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	15 957 835	84.40
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
336413W		All other miscellaneous manufacturing	D	S
	336412	Other aircraft parts and auxiliary equipment manufacturing, nsk, total	1 105 528	5.24
	336413	Aircraft engine and engine parts manufacturing	D	S
	336419	Other aircraft parts and auxiliary equipment manufacturing	1 077 461	97.46
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	D	S
336414		Guided missile and space vehicle manufacturing	10 345 901	100.00
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	8 748	.08
	336414	Guided missile and space vehicle manufacturing	8 990 541	86.90
3364141		Complete guided missiles	3 796 806	36.70
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
3364143		Research and development on complete guided missiles	785 535	7.59
	336414	Guided missile and space vehicle manufacturing	785 535	100.00
3364145		Other services on complete guided missiles	55 445	.54
	336411	Aircraft manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
3364147		Complete space vehicles (excluding propulsion systems)	4 473 244	43.24
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
3364149		Research and development on complete space vehicles	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
336414A		All other services on complete space vehicles	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
336415		Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	3 139 844	100.00
	332912	Fluid power valve and hose fitting manufacturing	D	S
	332993	Ammunition (except small arms) manufacturing	D	S
	332995	Other ordnance and accessories manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	49 477	1.58
	336414	Guided missile and space vehicle manufacturing	D	S

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336415		Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing—Con.		
3364151	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	2 079 972	66.24
		Complete missiles, space vehicle engines, and propulsion units	2 041 604	65.02
	332993	Ammunition (except small arms) manufacturing	D	S
	332995	Other ordnance and accessories manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	22 702	1.11
	336414	Guided missile and space vehicle manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	1 474 952	72.24
3364153		Research and development on complete missiles, space vehicle engines, and propulsion units	583 875	18.60
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	229 479	39.30
3364155	336415	Other services on complete missiles, space vehicle engines, and propulsion units	286 978	9.14
		Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	283 633	98.83
3364157		Missile and space vehicle engine and propulsion parts and accessories	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
336415W		Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, total	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
336419		Other guided missile and space vehicle parts and auxiliary equipment manufacturing	2 864 675	100.00
	332993	Ammunition (except small arms) manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	193 326	6.75
	336414	Guided missile and space vehicle manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	50 428	1.76
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	769 306	26.85
3364191		Missile and space vehicle components, parts, and subassemblies	2 607 751	91.03
	332993	Ammunition (except small arms) manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336411	Aircraft manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	191 927	7.36
	336414	Guided missile and space vehicle manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	38 729	1.49
3364193	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	671 475	25.75
		Research and development on missile and space vehicle parts and components	205 509	7.17
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	336414	Guided missile and space vehicle manufacturing	D	S
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	11 699	5.69
336419W	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	46 416	22.59
		Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, total	51 415	1.79
	336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	51 415	100.00
336510		Railroad rolling stock manufacturing	6 414 562	100.00
	335314	Relay and industrial control manufacturing	D	S
	336120	Heavy duty truck manufacturing	D	S
	336211	Motor vehicle body manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336510	Railroad rolling stock manufacturing	6 322 407	98.56
3365101		Locomotives, new and rebuilt (including parts)	2 610 323	40.69
	335314	Relay and industrial control manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336510	Railroad rolling stock manufacturing	2 569 518	98.44
3365103	336510	Freight train and passenger train cars, new (excluding parts)	1 111 439	17.33
		Railroad rolling stock manufacturing	1 111 439	100.00
3365105	336510	Street, subway, trolley, and rapid transit cars, rebuilt (including parts)	2 466 118	38.45
	336120	Heavy duty truck manufacturing	D	S
	336211	Motor vehicle body manufacturing	D	S
	336399	All other motor vehicle parts manufacturing	D	S
	336510	Railroad rolling stock manufacturing	2 414 768	97.92
336510W	336510	Railroad rolling stock manufacturing, nsk, total	226 682	3.53
		Railroad rolling stock manufacturing	226 682	100.00
336611		Ship building and repairing	12 303 669	100.00
	332420	Metal tank (heavy gauge) manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336611	Ship building and repairing	12 261 798	99.66
	336612	Boat building	D	S
3366111		Nonpropelled ships, new construction	755 895	6.14
	332420	Metal tank (heavy gauge) manufacturing	D	S
	336611	Ship building and repairing	D	S
3366113		Military self-propelled ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), new construction	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	D	S
	336611	Ship building and repairing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
336611		Ship building and repairing—Con.		
3366116		Nonmilitary self-propelled ships, new construction	1 514 878	12.31
	336611	Ship building and repairing	1 514 878	100.00
3366118		Ship repair, military	D	S
	336611	Ship building and repairing	D	S
	336612	Boat building	D	S
336611A		Ship repair, nonmilitary	613 872	4.99
	336611	Ship building and repairing	608 344	99.10
336611W		Ship building and repairing, nsk, total	558 118	4.54
	336611	Ship building and repairing	558 118	100.00
336612		Boat building	7 844 696	100.00
	326199	All other plastics product manufacturing	D	S
	336612	Boat building	7 815 510	99.63
	336999	All other transportation equipment manufacturing	D	S
3366121		Outboard motorboats, including commercial and military (except sailboats and lifeboats)	2 604 144	33.20
	336612	Boat building	D	S
	336999	All other transportation equipment manufacturing	D	S
3366123		Inboard motorboats, including commercial and military (except sailboats and lifeboats)	2 366 467	30.17
	336612	Boat building	2 366 467	100.00
3366125		Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats)	1 587 322	20.23
	336612	Boat building	1 586 403	99.94
3366128		All other boats (excluding military and commercial)	504 368	6.43
	326199	All other plastics product manufacturing	D	S
	336612	Boat building	D	S
336612W		Boat building, nsk, total	782 395	9.97
	336612	Boat building	782 248	99.98
336991		Motorcycle, bicycle, and parts manufacturing	4 217 540	100.00
	332510	Hardware manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	34 666	.82
	339920	Sporting and athletic goods manufacturing	D	S
3369912		Bicycles and parts (excluding children's two-wheel sidewalk cycles with solid or semipneumatic tires)	842 776	19.98
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	339920	Sporting and athletic goods manufacturing	D	S
3369913		Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)	3 162 206	74.98
	332510	Hardware manufacturing	D	S
	336991	Motorcycle, bicycle, and parts manufacturing	3 114 565	98.49
	336999	All other transportation equipment manufacturing	D	S
336991W		Motorcycle, bicycle, and parts manufacturing, nsk, total	212 558	5.04
	336991	Motorcycle, bicycle, and parts manufacturing	209 666	98.64
336992		Military armored vehicle, tank, and tank component manufacturing	1 795 202	100.00
	327113	Porcelain electrical supply manufacturing	D	S
	332111	Iron and steel forging	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	9 538	.53
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
	336611	Ship building and repairing	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
3369920		Military armored vehicles, tanks, and tank components	1 795 202	100.00
	327113	Porcelain electrical supply manufacturing	D	S
	332111	Iron and steel forging	D	S
	333611	Turbine and turbine generator set units manufacturing	D	S
	333995	Fluid power cylinder and actuator manufacturing	D	S
	336412	Aircraft engine and engine parts manufacturing	D	S
	336413	Other aircraft parts and auxiliary equipment manufacturing	9 538	.53
	336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	D	S
	336611	Ship building and repairing	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
336999		All other transportation equipment manufacturing	6 962 213	100.00
	333111	Farm machinery and equipment manufacturing	D	S
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	336214	Travel trailer and camper manufacturing	6 080	.09
	336612	Boat building	11 589	.17
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	6 522 604	93.69
	339999	All other miscellaneous manufacturing	D	S
3369991		Self-propelled golf carts and industrial in-plant personnel carriers (including parts)	968 608	13.91
	333111	Farm machinery and equipment manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
3369995		All other miscellaneous transportation equipment, including all-terrain vehicles	5 742 513	82.48
	333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	D	S
	333514	Special die and tool, die set, jig, and fixture manufacturing	D	S
	333618	Other engine equipment manufacturing	D	S
	336612	Boat building	11 589	.20
	336991	Motorcycle, bicycle, and parts manufacturing	D	S
	336999	All other transportation equipment manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
336999W		All other transportation equipment manufacturing, nsk, total	251 092	3.61
	336999	All other transportation equipment manufacturing	244 101	97.22
337110		Wood kitchen cabinet and countertop manufacturing	13 792 701	100.00
	321219	Reconstituted wood product manufacturing	D	S
	321911	Wood window and door manufacturing	97 697	.71
	321918	Other millwork (including flooring)	16 508	.12
	321999	All other miscellaneous wood product manufacturing	6 555	.05
	326199	All other plastics product manufacturing	26 033	.19
	327991	Cut stone and stone product manufacturing	D	S
	332618	Other fabricated wire product manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	13 441 255	97.45
	337122	Nonupholstered wood household furniture manufacturing	9 991	.07

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Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
337110		Wood kitchen cabinet and countertop manufacturing—Con.		
	337127	Institutional furniture manufacturing	22 339	.16
	337212	Custom architectural woodwork and millwork manufacturing	56 259	.41
	337215	Showcase, partition, shelving, and locker manufacturing	14 044	.10
	339114	Dental equipment and supplies manufacturing	D	S
3371101		Wood stock line kitchen cabinets and related cabinetwork for permanent installation	4 738 908	34.36
	321911	Wood window and door manufacturing	36 194	.76
	321918	Other millwork (including flooring)	8 155	.17
	332618	Other fabricated wire product manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	4 616 423	97.42
	339114	Dental equipment and supplies manufacturing	D	S
3371104		Other wood custom kitchen cabinets and related cabinetwork for permanent installation, excluding kitchen cabinets and related cabinetwork sold directly to the customer at retail	1 437 063	10.42
	321911	Wood window and door manufacturing	24 787	1.72
	321918	Other millwork (including flooring)	6 888	.48
	337110	Wood kitchen cabinet and countertop manufacturing	1 367 431	95.15
	337212	Custom architectural woodwork and millwork manufacturing	21 963	1.53
3371107		Bathroom vanities and related cabinetwork for permanent installation, excluding wood custom bathroom vanities and related cabinetwork sold directly to the customer at retail	958 265	6.95
	337110	Wood kitchen cabinet and countertop manufacturing	940 599	98.16
337110B		Wood and plastics laminated wood kitchen cabinet tops	707 847	5.13
	321911	Wood window and door manufacturing	D	S
	326199	All other plastics product manufacturing	17 810	2.52
	337110	Wood kitchen cabinet and countertop manufacturing	611 597	86.40
	337127	Institutional furniture manufacturing	D	S
	337212	Custom architectural woodwork and millwork manufacturing	D	S
337110F		Wood and plastics laminated wood bathroom vanity tops	239 314	1.74
	337110	Wood kitchen cabinet and countertop manufacturing	222 132	92.82
	337127	Institutional furniture manufacturing	D	S
337110H		Wood custom kitchen cabinets, bathroom vanities, and related cabinetwork for permanent installation sold directly to the customer at retail	2 953 381	21.41
	321999	All other miscellaneous wood product manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	2 928 282	99.15
	337212	Custom architectural woodwork and millwork manufacturing	D	S
337110W		Wood kitchen cabinet and countertop manufacturing, nsk, total	2 757 923	20.00
	337110	Wood kitchen cabinet and countertop manufacturing	2 754 791	99.89
337121		Upholstered household furniture manufacturing	10 371 697	100.00
	337121	Upholstered household furniture manufacturing	10 059 271	96.99
	337122	Nonupholstered wood household furniture manufacturing	219 919	2.12
	337125	Household furniture (except wood and metal) manufacturing	20 426	.20
	337127	Institutional furniture manufacturing	D	S
	337211	Wood office furniture manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
	337910	Mattress manufacturing	D	S
3371211		Upholstered wood household furniture, excluding stock line dual-purpose sleep furniture	8 827 141	85.11
	337121	Upholstered household furniture manufacturing	8 554 455	96.91
	337122	Nonupholstered wood household furniture manufacturing	216 283	2.45
	337125	Household furniture (except wood and metal) manufacturing	19 788	.22
	337211	Wood office furniture manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3371213		Upholstered household furniture (except wood)	107 838	1.04
	337121	Upholstered household furniture manufacturing	96 845	89.81
	337910	Mattress manufacturing	D	S
3371214		Dual-purpose sleep furniture, including convertible sofas, jackknife sofa beds and chair beds, studio couches, and futons shipped with frames (except custom sold directly to the customer at retail)	507 863	4.90
	337121	Upholstered household furniture manufacturing	481 536	94.82
	337127	Institutional furniture manufacturing	D	S
	337910	Mattress manufacturing	6 546	1.29
337121W		Upholstered household furniture manufacturing, nsk, total	928 855	8.96
	337121	Upholstered household furniture manufacturing	926 435	99.74
337122		Nonupholstered wood household furniture manufacturing	11 439 140	100.00
	327215	Glass product manufacturing made of purchased glass	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	27 103	.24
	337121	Upholstered household furniture manufacturing	131 524	1.15
	337122	Nonupholstered wood household furniture manufacturing	11 071 505	96.79
	337124	Metal household furniture manufacturing	20 939	.18
	337125	Household furniture (except wood and metal) manufacturing	D	S
	337127	Institutional furniture manufacturing	5 040	.04
	337129	Wood television, radio, and sewing machine cabinet manufacturing	D	S
	337211	Wood office furniture manufacturing	D	S
	337212	Custom architectural woodwork and millwork manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	9 327	.08
	339942	Lead pencil and art good manufacturing	D	S
3371221		Wood household den, family room, library, and living room furniture (except custom sold directly to the customer at retail)	3 476 737	30.39
	327215	Glass product manufacturing made of purchased glass	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	14 381	.41
	337121	Upholstered household furniture manufacturing	77 501	2.23
	337122	Nonupholstered wood household furniture manufacturing	3 289 818	94.62
	337124	Metal household furniture manufacturing	D	S
	337129	Wood television, radio, and sewing machine cabinet manufacturing	43 840	1.26
	337215	Showcase, partition, shelving, and locker manufacturing	5 365	.15
3371224		Wood dining room and kitchen furniture (except custom sold directly to the customer at retail), excluding kitchen cabinets	1 597 278	13.96
	337121	Upholstered household furniture manufacturing	43 195	2.70
	337122	Nonupholstered wood household furniture manufacturing	1 527 686	95.64
	337129	Wood television, radio, and sewing machine cabinet manufacturing	D	S
3371228		Wood bedroom furniture (except custom sold directly to the customer at retail)	2 873 538	25.12
	337121	Upholstered household furniture manufacturing	9 099	.32
	337122	Nonupholstered wood household furniture manufacturing	2 848 144	99.12
337122A		Infants' and children's wood furniture (except custom sold directly to the customer at retail)	462 951	4.05
	337122	Nonupholstered wood household furniture manufacturing	410 676	88.71
	337124	Metal household furniture manufacturing	D	S
	337125	Household furniture (except wood and metal) manufacturing	D	S
337122E		Wood outdoor furniture, unpainted wood furniture, and ready-to-assemble wood furniture (except custom sold directly to the customer at retail)	1 853 364	16.20
	337122	Nonupholstered wood household furniture manufacturing	1 842 708	99.43

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
337122		Nonupholstered wood household furniture manufacturing—Con.		
337122H		Custom nonupholstered wood household furniture sold directly to the customer at retail (except kitchen cabinets, bathroom vanities, and related cabinetwork)	109 840	.96
	337122	Nonupholstered wood household furniture manufacturing	99 376	90.47
337122W		Nonupholstered wood household furniture manufacturing, nsk, total	1 065 432	9.31
	337110	Wood kitchen cabinet and countertop manufacturing	8 972	.84
	337122	Nonupholstered wood household furniture manufacturing	1 053 097	98.84
337124		Metal household furniture manufacturing	1 921 785	100.00
	326199	All other plastics product manufacturing	8 842	.46
	327215	Glass product manufacturing made of purchased glass	D	S
	332321	Metal window and door manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
	337121	Upholstered household furniture manufacturing	D	S
	337124	Metal household furniture manufacturing	1 652 457	85.99
	337125	Household furniture (except wood and metal) manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
	337910	Mattress manufacturing	29 087	1.51
	339999	All other miscellaneous manufacturing	D	S
3371241		Metal dining room and kitchen furniture, including padded and plain chairs and stools	222 032	11.55
	327215	Glass product manufacturing made of purchased glass	D	S
	337124	Metal household furniture manufacturing	205 005	92.33
3371244		Metal outdoor and casual furniture, including beach, lawn, garden, and porch furniture	701 217	36.49
	326199	All other plastics product manufacturing	D	S
	337124	Metal household furniture manufacturing	653 017	93.13
	337125	Household furniture (except wood and metal) manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3371248		Other nonupholstered metal household furniture	669 725	34.85
	332321	Metal window and door manufacturing	D	S
	335221	Household cooking appliance manufacturing	D	S
	337121	Upholstered household furniture manufacturing	D	S
	337124	Metal household furniture manufacturing	468 169	69.90
	337125	Household furniture (except wood and metal) manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
	337910	Mattress manufacturing	29 087	4.34
337124W		Metal household furniture manufacturing, nsk, total	328 811	17.11
	337124	Metal household furniture manufacturing	326 266	99.23
337125		Household furniture (except wood and metal) manufacturing	786 211	100.00
	326199	All other plastics product manufacturing	8 367	1.06
	337121	Upholstered household furniture manufacturing	7 915	1.01
	337122	Nonupholstered wood household furniture manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
	337125	Household furniture (except wood and metal) manufacturing	658 618	83.77
3371250		Nonupholstered household furniture (except wood and metal)	786 211	100.00
	326199	All other plastics product manufacturing	8 367	1.06
	337121	Upholstered household furniture manufacturing	7 915	1.01
	337122	Nonupholstered wood household furniture manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
	337125	Household furniture (except wood and metal) manufacturing	658 618	83.77
337127		Institutional furniture manufacturing	4 145 834	100.00
	322121	Paper (except newsprint) mills	D	S
	333319	Other commercial and service industry machinery manufacturing	13 232	.32
	334111	Electronic computer manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
	337127	Institutional furniture manufacturing	3 831 138	92.41
	337211	Wood office furniture manufacturing	24 610	.59
	337212	Custom architectural woodwork and millwork manufacturing	9 004	.22
	337214	Office furniture (except wood) manufacturing	42 714	1.03
	337215	Showcase, partition, shelving, and locker manufacturing	111 751	2.70
	339942	Lead pencil and art good manufacturing	D	S
3371271		School furniture (except stone and concrete), excluding library furniture	785 517	18.95
	334111	Electronic computer manufacturing	D	S
	337127	Institutional furniture manufacturing	729 790	92.91
	337215	Showcase, partition, shelving, and locker manufacturing	21 986	2.80
	339942	Lead pencil and art good manufacturing	D	S
3371274		Public building and related furniture, excluding bar, bowling center, cafeteria, restaurant, and school furniture	1 279 487	30.86
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	337124	Metal household furniture manufacturing	D	S
	337127	Institutional furniture manufacturing	1 187 373	92.80
	337211	Wood office furniture manufacturing	13 202	1.03
	337214	Office furniture (except wood) manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3371278		Bar, bowling center, cafeteria, and restaurant furniture	907 472	21.89
	322121	Paper (except newsprint) mills	D	S
	333319	Other commercial and service industry machinery manufacturing	12 669	1.40
	337110	Wood kitchen cabinet and countertop manufacturing	D	S
	337127	Institutional furniture manufacturing	843 849	92.99
	337215	Showcase, partition, shelving, and locker manufacturing	19 481	2.15
337127A		Other furniture	693 327	16.72
	337127	Institutional furniture manufacturing	594 332	85.72
	337214	Office furniture (except wood) manufacturing	20 998	3.03
	337215	Showcase, partition, shelving, and locker manufacturing	63 580	9.17
337127W		Institutional furniture manufacturing, nsk, total	480 031	11.58
	337127	Institutional furniture manufacturing	475 794	99.12
337129		Wood television, radio, and sewing machine cabinet manufacturing	394 453	100.00
	337122	Nonupholstered wood household furniture manufacturing	24 290	6.16
	337129	Wood television, radio, and sewing machine cabinet manufacturing	364 917	92.51
3371290		Wood television, radio, and sewing machine cabinets used as housings	394 453	100.00
	337122	Nonupholstered wood household furniture manufacturing	24 290	6.16
	337129	Wood television, radio, and sewing machine cabinet manufacturing	364 917	92.51
337211		Wood office furniture manufacturing	2 948 717	100.00
	337110	Wood kitchen cabinet and countertop manufacturing	9 348	.32
	337121	Upholstered household furniture manufacturing	D	S
	337122	Nonupholstered wood household furniture manufacturing	10 909	.37

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
337211		Wood office furniture manufacturing—Con.		
	337127	Institutional furniture manufacturing	21 114	.72
	337129	Wood television, radio, and sewing machine cabinet manufacturing	D	S
	337211	Wood office furniture manufacturing	2 604 378	88.32
	337212	Custom architectural woodwork and millwork manufacturing	26 184	.89
	337214	Office furniture (except wood) manufacturing	220 367	7.47
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
3372111		Wood office seating, including upholstered seating	578 286	19.61
	337121	Upholstered household furniture manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S
	337211	Wood office furniture manufacturing	503 879	87.13
	337214	Office furniture (except wood) manufacturing	D	S
3372114		Wood office desks and extensions	639 436	21.69
	337129	Wood television, radio, and sewing machine cabinet manufacturing	D	S
	337211	Wood office furniture manufacturing	561 145	87.76
	337214	Office furniture (except wood) manufacturing	D	S
3372117		Wood office files, storage units, and tables	660 374	22.40
	337212	Wood office furniture manufacturing	588 830	89.17
	337214	Custom architectural woodwork and millwork manufacturing	12 426	1.88
		Office furniture (except wood) manufacturing	46 993	7.12
337211A		Wood office furniture panel systems, deskings systems, and other wood office furniture	803 578	27.25
	337127	Institutional furniture manufacturing	8 060	1.00
	337211	Wood office furniture manufacturing	684 835	85.22
	337212	Custom architectural woodwork and millwork manufacturing	8 417	1.05
	337214	Office furniture (except wood) manufacturing	95 855	11.93
337211W		Wood office furniture manufacturing, nsk, total	267 043	9.06
	337211	Wood office furniture manufacturing	265 689	99.49
337212		Custom architectural woodwork and millwork manufacturing	3 667 292	100.00
	321911	Wood window and door manufacturing	21 849	.60
	321918	Other millwork (including flooring)	29 327	.80
	337110	Wood kitchen cabinet and countertop manufacturing	43 315	1.18
	337127	Institutional furniture manufacturing	24 385	.66
	337211	Wood office furniture manufacturing	26 013	.71
	337212	Custom architectural woodwork and millwork manufacturing	3 450 630	94.09
	337215	Showcase, partition, shelving, and locker manufacturing	58 824	1.60
3372120		Custom architectural woodwork, millwork, and fixtures	3 667 292	100.00
	321911	Wood window and door manufacturing	21 849	.60
	321918	Other millwork (including flooring)	29 327	.80
	337110	Wood kitchen cabinet and countertop manufacturing	43 315	1.18
	337127	Institutional furniture manufacturing	24 385	.66
	337211	Wood office furniture manufacturing	26 013	.71
	337212	Custom architectural woodwork and millwork manufacturing	3 450 630	94.09
	337215	Showcase, partition, shelving, and locker manufacturing	58 824	1.60
337214		Office furniture (except wood) manufacturing	7 225 013	100.00
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	337127	Institutional furniture manufacturing	90 948	1.26
	337211	Wood office furniture manufacturing	96 715	1.34
	337214	Office furniture (except wood) manufacturing	6 894 108	95.42
	337215	Showcase, partition, shelving, and locker manufacturing	61 950	.86
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3372141		Nonwood office seating, including upholstered seating	2 162 886	29.94
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	337127	Institutional furniture manufacturing	15 658	.72
	337211	Wood office furniture manufacturing	52 430	2.42
	337214	Office furniture (except wood) manufacturing	2 079 545	96.15
	337215	Showcase, partition, shelving, and locker manufacturing	5 503	.25
3372144		Nonwood office desks and extensions	284 236	3.93
	337214	Office furniture (except wood) manufacturing	269 033	94.65
	337215	Showcase, partition, shelving, and locker manufacturing	6 884	2.42
3372147		Nonwood office files, storage units, and tables	2 329 188	32.24
	337127	Institutional furniture manufacturing	25 462	1.09
	337211	Wood office furniture manufacturing	18 504	.79
	337214	Office furniture (except wood) manufacturing	2 204 270	94.64
	337215	Showcase, partition, shelving, and locker manufacturing	46 569	2.00
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
337214A		Nonwood office furniture panel systems, deskings systems, and other nonwood office furniture	2 179 009	30.16
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	337127	Institutional furniture manufacturing	49 530	2.27
	337211	Wood office furniture manufacturing	22 729	1.04
	337214	Office furniture (except wood) manufacturing	2 071 995	95.09
	339111	Laboratory apparatus and furniture manufacturing	D	S
337214W		Office furniture (except wood) manufacturing, nsk, total	269 694	3.73
	337214	Office furniture (except wood) manufacturing	269 265	99.84
337215		Showcase, partition, shelving, and locker manufacturing	8 140 023	100.00
	321113	Sawmills	D	S
	321219	Reconstituted wood product manufacturing	D	S
	321912	Cut stock, resawing lumber, and planing	13 731	.17
	321918	Other millwork (including flooring)	6 326	.08
	326199	All other plastics product manufacturing	131 895	1.62
	332322	Sheet metal work manufacturing	23 154	.28
	332439	Other metal container manufacturing	D	S
	332510	Hardware manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	6 396	.08
	333922	Conveyor and conveying equipment manufacturing	D	S
	334310	Audio and video equipment manufacturing	D	S
	337110	Wood kitchen cabinet and countertop manufacturing	23 391	.29
	337121	Upholstered household furniture manufacturing	D	S
	337122	Nonupholstered wood household furniture manufacturing	8 924	.11
	337124	Metal household furniture manufacturing	13 222	.16
	337127	Institutional furniture manufacturing	45 808	.56
	337211	Wood office furniture manufacturing	16 462	.20
	337212	Custom architectural woodwork and millwork manufacturing	62 783	.77
	337214	Office furniture (except wood) manufacturing	186 246	2.29

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
337215	337215	Showcase, partition, shelving, and locker manufacturing—Con.		
		Showcase, partition, shelving, and locker manufacturing	7 372 039	90.57
3372151		Wood lockers, partitions, and shelving (except custom)	184 536	2.27
		Office furniture (except wood) manufacturing	D	S
	337214	Showcase, partition, shelving, and locker manufacturing	D	S
	337215	Wood bank, office, store, and related fixtures (except custom)	1 544 639	18.98
3372155		Reconstituted wood product manufacturing	D	S
	321219	Audio and video equipment manufacturing	D	S
	334310	Wood kitchen cabinet and countertop manufacturing	19 708	1.28
	337110	Institutional furniture manufacturing	17 461	1.13
	337127	Wood office furniture manufacturing	12 476	.81
	337211	Custom architectural woodwork and millwork manufacturing	27 625	1.79
	337212	Office furniture (except wood) manufacturing	D	S
	337214	Showcase, partition, shelving, and locker manufacturing	1 408 747	91.20
3372157		Nonwood partitions, prefabricated, assembled and knock-down	257 969	3.17
	337215	Showcase, partition, shelving, and locker manufacturing	257 064	99.65
337215A		Nonwood shelving and lockers	1 080 868	13.28
		Hardware manufacturing	D	S
	332510	Metal household furniture manufacturing	D	S
	337124	Office furniture (except wood) manufacturing	130 056	12.03
	337214	Showcase, partition, shelving, and locker manufacturing	893 383	82.65
	337215	Nonwood storage racks and accessories	917 152	11.27
337215E		Conveyor and conveying equipment manufacturing	D	S
	333922	Showcase, partition, shelving, and locker manufacturing	D	S
337215G		Nonwood bank, office, store, and related fixtures	1 369 771	16.83
	337127	Institutional furniture manufacturing	8 673	.63
	337212	Custom architectural woodwork and millwork manufacturing	24 819	1.81
	337215	Showcase, partition, shelving, and locker manufacturing	1 314 196	95.94
337215J		Wood furniture frames	292 951	3.60
		Upholstered household furniture manufacturing	D	S
	337122	Nonupholstered wood household furniture manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	235 299	80.32
337215L		Hardwood and softwood furniture dimension fully machined ready for assembly	910 106	11.18
		Sawmills	D	S
	321113	Cut stock, resawing lumber, and planing	10 866	1.19
	321912	All other plastics product manufacturing	119 215	13.10
	326199	Sheet metal work manufacturing	D	S
	332322	Hardware manufacturing	D	S
	332510	Upholstered household furniture manufacturing	D	S
	337121	Metal household furniture manufacturing	D	S
	337124	Institutional furniture manufacturing	15 324	1.68
	337127	Showcase, partition, shelving, and locker manufacturing	674 138	74.07
337215W		Showcase, partition, shelving, and locker manufacturing, nsk, total	1 582 031	19.44
	332322	Sheet metal work manufacturing	D	S
	337212	Custom architectural woodwork and millwork manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	1 557 284	98.44
337910		Mattress manufacturing	4 896 961	100.00
		Other household textile product mills	D	S
	314129	Upholstered household furniture manufacturing	18 015	.37
	337121	Nonupholstered wood household furniture manufacturing	D	S
	337122	Mattress manufacturing	4 844 110	98.92
3379101		Innerspring mattresses (including innerspring mattresses made with polyurethane and rubber topper pads and sold as part of Hollywood beds), excluding innerspring crib-size mattresses	2 791 466	57.00
	337121	Upholstered household furniture manufacturing	14 208	.51
	337910	Mattress manufacturing	2 772 874	99.33
3379104		Other mattresses	481 999	9.84
		Other household textile product mills	D	S
	314129	Nonupholstered wood household furniture manufacturing	D	S
	337122	Mattress manufacturing	456 190	94.65
3379107		Foundations, excluding innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	1 234 258	25.20
	337910	Mattress manufacturing	1 227 096	99.42
337910A		Sleep system ensembles and mattresses, excluding conventional waterbeds	97 632	1.99
	337910	Mattress manufacturing	96 416	98.75
337910W		Mattress manufacturing, nsk, total	291 606	5.95
	337910	Mattress manufacturing	291 534	99.98
337920		Blind and shade manufacturing	2 534 474	100.00
		Broadwoven fabric finishing mills	D	S
	313311	Curtain and drapery mills	D	S
	314121	Other household textile product mills	D	S
	314129	Canvas and related product mills	D	S
	314912	All other miscellaneous textile product mills	D	S
	314999	Aluminum sheet, plate, and foil manufacturing	D	S
	331315	Photographic and photocopying equipment manufacturing	D	S
	333315	Blind and shade manufacturing	2 398 761	94.65
	337920	Window shades and window shade accessories and rollers	609 578	24.05
3379202		Broadwoven fabric finishing mills	D	S
	313311	Canvas and related product mills	5 236	.86
	314912	All other miscellaneous textile product mills	D	S
	314999	Photographic and photocopying equipment manufacturing	D	S
	333315	Blind and shade manufacturing	513 520	84.24
	337920	Venetian blinds, including components and parts	931 029	36.73
3379204		Aluminum sheet, plate, and foil manufacturing	D	S
	331315	Blind and shade manufacturing	920 931	98.92
3379208		Other blinds and shades, including curtain and drapery fixtures, poles, and rods	810 757	31.99
		Curtain and drapery mills	D	S
	314121	Other household textile product mills	D	S
	314129	Canvas and related product mills	8 040	.99
	314912	Blind and shade manufacturing	784 176	96.72
	337920	Blind and shade manufacturing, nsk, total	183 110	7.22
337920W		Blind and shade manufacturing	180 134	98.37
339111		Laboratory apparatus and furniture manufacturing	4 275 113	100.00
		All other miscellaneous general purpose machinery manufacturing	D	S
	333999	Other electronic component manufacturing	D	S
	334419	Electromedical and electrotherapeutic apparatus manufacturing	11 288	.26
	334510			

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
339111	334512	Laboratory apparatus and furniture manufacturing—Con. Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	8 597	.20
	334516	Analytical laboratory instrument manufacturing	72 011	1.68
	334519	Other measuring and controlling device manufacturing	29 863	.70
	339111	Laboratory apparatus and furniture manufacturing	3 893 164	91.07
	339112	Surgical and medical instrument manufacturing	61 918	1.45
	339113	Surgical appliance and supplies manufacturing	113 446	2.65
3391114		Hospital beds	765 798	17.91
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	D	S
3391116		Hospital furniture	882 281	20.64
	339111	Laboratory apparatus and furniture manufacturing	847 940	96.11
	339113	Surgical appliance and supplies manufacturing	25 800	2.92
3391118		Laboratory apparatus and furniture	2 457 468	57.48
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334419	Other electronic component manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	11 288	.46
	334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	D	S
	334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	8 597	.35
	334516	Analytical laboratory instrument manufacturing	72 011	2.93
	334519	Other measuring and controlling device manufacturing	29 863	1.22
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	56 829	2.31
	339113	Surgical appliance and supplies manufacturing	D	S
339111W		Laboratory apparatus and furniture manufacturing, nsk, total	169 566	3.97
	339111	Laboratory apparatus and furniture manufacturing	167 924	99.03
339112		Surgical and medical instrument manufacturing	20 515 808	100.00
	325412	Pharmaceutical preparation manufacturing	D	S
	326199	All other plastics product manufacturing	14 623	.07
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	297 371	1.45
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334517	Irradiation apparatus manufacturing	46 524	.23
	339112	Surgical and medical instrument manufacturing	19 220 667	93.69
	339113	Surgical appliance and supplies manufacturing	777 941	3.79
	339114	Dental equipment and supplies manufacturing	D	S
	339115	Ophthalmic goods manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
3391120		Surgical and medical instruments	20 515 808	100.00
	325412	Pharmaceutical preparation manufacturing	D	S
	326199	All other plastics product manufacturing	14 623	.07
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	334220	Radio and television broadcasting and wireless communications equipment manufacturing	D	S
	334510	Electromedical and electrotherapeutic apparatus manufacturing	297 371	1.45
	334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	D	S
	334517	Irradiation apparatus manufacturing	46 524	.23
	339112	Surgical and medical instrument manufacturing	19 220 667	93.69
	339113	Surgical appliance and supplies manufacturing	777 941	3.79
	339114	Dental equipment and supplies manufacturing	D	S
	339115	Ophthalmic goods manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	D	S
339113		Surgical appliance and supplies manufacturing	23 272 314	100.00
	313311	Broadwoven fabric finishing mills	D	S
	322222	Coated and laminated paper manufacturing	83 946	.36
	322291	Sanitary paper product manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325620	Toilet preparation manufacturing	34 160	.15
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326199	All other plastics product manufacturing	20 296	.09
	326299	All other rubber product manufacturing	31 922	.14
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	333511	Industrial mold manufacturing	11 465	.05
	334419	Other electronic component manufacturing	5 138	.02
	334510	Electromedical and electrotherapeutic apparatus manufacturing	40 216	.17
	334516	Analytical laboratory instrument manufacturing	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	68 590	.29
	339112	Surgical and medical instrument manufacturing	551 017	2.37
	339113	Surgical appliance and supplies manufacturing	22 074 519	94.85
	339115	Ophthalmic goods manufacturing	D	S
	339920	Sporting and athletic goods manufacturing	6 413	.03
3391132		Medical and surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic appliances and supplies	19 211 483	82.55
	313311	Broadwoven fabric finishing mills	D	S
	322222	Coated and laminated paper manufacturing	83 946	.44
	322291	Sanitary paper product manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325620	Toilet preparation manufacturing	34 005	.18
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326199	All other plastics product manufacturing	5 903	.03
	326299	All other rubber product manufacturing	D	S
	333511	Industrial mold manufacturing	11 465	.06
	334510	Electromedical and electrotherapeutic apparatus manufacturing	38 845	.20
	334516	Analytical laboratory instrument manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	68 317	.36
	339112	Surgical and medical instrument manufacturing	525 658	2.74
	339113	Surgical appliance and supplies manufacturing	18 155 924	94.51

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Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
339113		Surgical appliance and supplies manufacturing—Con.		
3391136		Personal industrial and nonindustrial safety equipment and clothing	2 791 800	12.00
	326199	All other plastics product manufacturing	14 393	.52
	326299	All other rubber product manufacturing	D	S
	332913	Plumbing fixture fitting and trim manufacturing	D	S
	336992	Military armored vehicle, tank, and tank component manufacturing	D	S
	339112	Surgical and medical instrument manufacturing	25 302	.91
	339113	Surgical appliance and supplies manufacturing	2 654 299	95.07
	339115	Ophthalmic goods manufacturing	D	S
339113W		Surgical appliance and supplies manufacturing, nsk, total	1 269 031	5.45
	339113	Surgical appliance and supplies manufacturing	1 264 296	99.63
339114		Dental equipment and supplies manufacturing	2 954 940	100.00
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339114	Dental equipment and supplies manufacturing	2 718 222	91.99
	339116	Dental laboratories	75 988	2.57
	339994	Broom, brush, and mop manufacturing	D	S
3391141		Dental professional equipment and supplies	1 914 884	64.80
	325411	Medicinal and botanical manufacturing	D	S
	325412	Pharmaceutical preparation manufacturing	D	S
	325611	Soap and other detergent manufacturing	D	S
	333315	Photographic and photocopying equipment manufacturing	D	S
	339111	Laboratory apparatus and furniture manufacturing	D	S
	339114	Dental equipment and supplies manufacturing	1 747 265	91.25
	339116	Dental laboratories	8 828	.46
	339994	Broom, brush, and mop manufacturing	D	S
3391143		Dental laboratory equipment and supplies	732 675	24.79
	339114	Dental equipment and supplies manufacturing	663 576	90.57
	339116	Dental laboratories	67 160	9.17
339114W		Dental equipment and supplies manufacturing, nsk, total	307 381	10.40
	339114	Dental equipment and supplies manufacturing	307 381	100.00
339115		Ophthalmic goods manufacturing	3 976 330	100.00
	339113	Surgical appliance and supplies manufacturing	D	S
	339115	Ophthalmic goods manufacturing	D	S
3391151		Ophthalmic fronts and temples	67 644	1.70
	339115	Ophthalmic goods manufacturing	67 476	99.75
3391153		Ophthalmic glass focal lenses	42 783	1.08
	339115	Ophthalmic goods manufacturing	42 548	99.45
3391155		Ophthalmic plastics focal lenses	585 625	14.73
	339115	Ophthalmic goods manufacturing	585 451	99.97
3391157		Contact lenses	1 852 962	46.60
	339115	Ophthalmic goods manufacturing	1 851 787	99.94
339115B		Other ophthalmic goods and prescription ground eyeglass lenses	1 058 991	26.63
	339113	Surgical appliance and supplies manufacturing	D	S
	339115	Ophthalmic goods manufacturing	D	S
339115W		Ophthalmic goods manufacturing, nsk, total	368 325	9.26
	339115	Ophthalmic goods manufacturing	368 325	100.00
339116		Dental laboratories	3 111 384	100.00
	325411	Medicinal and botanical manufacturing	D	S
	339114	Dental equipment and supplies manufacturing	D	S
	339116	Dental laboratories	3 094 125	99.45
3391160		Dental laboratories	3 111 384	100.00
	325411	Medicinal and botanical manufacturing	D	S
	339114	Dental equipment and supplies manufacturing	D	S
	339116	Dental laboratories	3 094 125	99.45
339911		Jewelry (except costume) manufacturing	5 536 108	100.00
	339911	Jewelry (except costume) manufacturing	5 496 213	99.28
	339913	Jewelers' material and lapidary work manufacturing	D	S
	339914	Costume jewelry and novelty manufacturing	D	S
3399111		Jewelry made of gold and platinum, excluding jewelry made of gold and platinum clad or plated to silver and nonprecious metal	3 499 728	63.22
	339911	Jewelry (except costume) manufacturing	3 484 582	99.57
	339913	Jewelers' material and lapidary work manufacturing	11 180	.32
3399113		Jewelry made of silver (including jewelry made of gold and platinum clad or plated to silver), excluding jewelry made of silver clad or plated to nonprecious metal	761 343	13.75
	339911	Jewelry (except costume) manufacturing	746 487	98.05
	339913	Jewelers' material and lapidary work manufacturing	6 739	.89
	339914	Costume jewelry and novelty manufacturing	7 929	1.04
3399115		Other jewelry, except costume	636 033	11.49
	339911	Jewelry (except costume) manufacturing	630 949	99.20
3399117		Stamped metal coins, including stamped metal tokens	35 048	.63
	339911	Jewelry (except costume) manufacturing	30 239	86.28
339911W		Jewelry (except costume) manufacturing, nsk, total	603 956	10.91
	339911	Jewelry (except costume) manufacturing	603 956	100.00
339912		Silverware and hollowware manufacturing	422 351	100.00
	332999	All other miscellaneous fabricated metal product manufacturing	7 618	1.80
	339912	Silverware and hollowware manufacturing	411 109	97.34
3399122		Precious metal and pewter hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	119 777	28.36
	339912	Silverware and hollowware manufacturing	115 776	96.66
3399125		Precious metal and pewter flatware and cutlery, including all knives, forks, spoons, and carving sets made wholly of metal	266 453	63.09
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	339912	Silverware and hollowware manufacturing	259 212	97.28
339912W		Silverware and hollowware manufacturing, nsk, total	36 121	8.55
	339912	Silverware and hollowware manufacturing	36 121	100.00
339913		Jewelers' material and lapidary work manufacturing	1 051 634	100.00
	339911	Jewelry (except costume) manufacturing	191 444	18.20
	339913	Jewelers' material and lapidary work manufacturing	856 468	81.44
3399132		Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels)	346 217	32.92

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339913		Jewelers' material and lapidary work manufacturing—Con.		
3399132		Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels)—Con.		
	339911	Jewelry (except costume) manufacturing	D	S
	339913	Jewelers' material and lapidary work manufacturing	D	S
3399133		Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal	581 336	55.28
	339911	Jewelry (except costume) manufacturing	D	S
	339913	Jewelers' material and lapidary work manufacturing	D	S
3399135		Other jewelers' findings and materials, including jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal	45 480	4.32
	339913	Jewelers' material and lapidary work manufacturing	42 912	94.35
339913W		Jewelers' material and lapidary work manufacturing, nsk, total	78 601	7.47
	339913	Jewelers' material and lapidary work manufacturing	75 793	96.43
339914		Costume jewelry and novelty manufacturing	777 839	100.00
	339911	Jewelry (except costume) manufacturing	D	S
	339914	Costume jewelry and novelty manufacturing	D	S
3399140		Costume jewelry and novelties	777 839	100.00
	339911	Jewelry (except costume) manufacturing	D	S
	339914	Costume jewelry and novelty manufacturing	D	S
339920		Sporting and athletic goods manufacturing	10 826 265	100.00
	314991	Rope, cordage, and twine mills	D	S
	321999	All other miscellaneous wood product manufacturing	D	S
	326199	All other plastics product manufacturing	152 033	1.40
	326291	Rubber product manufacturing for mechanical use	D	S
	333120	Construction machinery manufacturing	D	S
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	337127	Institutional furniture manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	7 058	.07
	339920	Sporting and athletic goods manufacturing	10 532 622	97.29
	339999	All other miscellaneous manufacturing	D	S
3399201		Fishing tackle and equipment	666 967	6.16
	314991	Rope, cordage, and twine mills	D	S
	326199	All other plastics product manufacturing	D	S
	333120	Construction machinery manufacturing	D	S
	339920	Sporting and athletic goods manufacturing	582 712	87.37
3399203		Golf equipment, excluding apparel and shoes	2 813 177	25.98
	326199	All other plastics product manufacturing	D	S
	339920	Sporting and athletic goods manufacturing	D	S
3399205		Playground equipment	864 976	7.99
	337127	Institutional furniture manufacturing	D	S
	339920	Sporting and athletic goods manufacturing	D	S
3399207		Gymnasium and exercise equipment	2 267 051	20.94
	339920	Sporting and athletic goods manufacturing	2 259 253	99.66
339920A		Other sporting and athletic goods manufacturing	3 401 117	31.42
	321999	All other miscellaneous wood product manufacturing	D	S
	326199	All other plastics product manufacturing	92 307	2.71
	335999	All other miscellaneous electrical equipment and component manufacturing	D	S
	339113	Surgical appliance and supplies manufacturing	6 760	.20
	339920	Sporting and athletic goods manufacturing	3 226 273	94.86
	339999	All other miscellaneous manufacturing	D	S
339920W		Sporting and athletic goods manufacturing, nsk, total	812 977	7.51
	339920	Sporting and athletic goods manufacturing	812 224	99.91
339931		Doll and stuffed toy manufacturing	276 191	100.00
	339931	Doll and stuffed toy manufacturing	262 443	95.02
	339932	Game, toy, and children's vehicle manufacturing	6 278	2.27
3399310		Dolls, toy animals, action figures, and stuffed toys (including parts and accessories)	276 191	100.00
	339931	Doll and stuffed toy manufacturing	262 443	95.02
	339932	Game, toy, and children's vehicle manufacturing	6 278	2.27
339932		Game, toy, and children's vehicle manufacturing	3 419 367	100.00
	325510	Paint and coating manufacturing	D	S
	326199	All other plastics product manufacturing	9 805	.29
	326299	All other rubber product manufacturing	D	S
	337125	Household furniture (except wood and metal) manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	3 315 222	96.95
3399322		Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires	170 332	4.98
	337125	Household furniture (except wood and metal) manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
3399326		Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures	488 112	14.27
	325510	Paint and coating manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
3399327		Nonelectronic games and puzzles, including parts	471 374	13.79
	339932	Game, toy, and children's vehicle manufacturing	465 959	98.85
3399328		Other nonelectronic toys, including parts	1 220 515	35.69
	326199	All other plastics product manufacturing	7 934	.65
	326299	All other rubber product manufacturing	6 946	.57
	339932	Game, toy, and children's vehicle manufacturing	1 193 240	97.77
3399329		Other electronic toys and games, including home video games (excluding cartridges, disks, and tapes)	817 071	23.90
	339932	Game, toy, and children's vehicle manufacturing	815 531	99.81
339932W		Game, toy, and children's vehicle manufacturing, nsk, total	251 963	7.37
	339932	Game, toy, and children's vehicle manufacturing	251 963	100.00
339941		Pen and mechanical pencil manufacturing	1 332 824	100.00
	322299	All other converted paper product manufacturing	D	S
	323110	Commercial lithographic printing	D	S
	332212	Hand and edge tool manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	1 091 421	81.89
	339942	Lead pencil and art good manufacturing	165 025	12.38
3399411		Ballpoint and roller pens	617 625	46.34
	339941	Pen and mechanical pencil manufacturing	598 522	96.91
	339942	Lead pencil and art good manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
339941		Pen and mechanical pencil manufacturing—Con.		
3399413		Markers	488 173	36.63
	339932	Game, toy, and children's vehicle manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	325 584	66.69
	339942	Lead pencil and art good manufacturing	D	S
3399415		Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils	199 313	14.95
	322299	All other converted paper product manufacturing	D	S
	323110	Commercial lithographic printing	D	S
	332212	Hand and edge tool manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	140 640	70.56
339941W		Pen and mechanical pencil manufacturing, nsk, total	27 713	2.08
	339941	Pen and mechanical pencil manufacturing	26 675	96.25
339942		Lead pencil and art good manufacturing	1 181 399	100.00
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	333313	Office machinery manufacturing	D	S
	339932	Game, toy, and children's vehicle manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	49 322	4.17
	339942	Lead pencil and art good manufacturing	1 056 777	89.45
	339943	Marking device manufacturing	D	S
3399421		Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards	513 638	43.48
	339932	Game, toy, and children's vehicle manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	D	S
	339942	Lead pencil and art good manufacturing	460 943	89.74
3399423		Artists' equipment and materials	416 597	35.26
	323118	Blankbook, looseleaf binders, and devices manufacturing	D	S
	333313	Office machinery manufacturing	D	S
	339941	Pen and mechanical pencil manufacturing	D	S
	339942	Lead pencil and art good manufacturing	364 928	87.60
3399427		Nonelectric office machines, including nonelectric gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers	170 810	14.46
	333313	Office machinery manufacturing	D	S
	339942	Lead pencil and art good manufacturing	150 552	88.14
339942W		Lead pencil and art good manufacturing, nsk, total	80 354	6.80
	339942	Lead pencil and art good manufacturing	80 354	100.00
339943		Marking device manufacturing	519 718	100.00
	323112	Commercial flexographic printing	D	S
	339942	Lead pencil and art good manufacturing	D	S
	339943	Marking device manufacturing	476 130	91.61
3399430		Marking devices	519 718	100.00
	323112	Commercial flexographic printing	D	S
	339942	Lead pencil and art good manufacturing	D	S
	339943	Marking device manufacturing	476 130	91.61
339944		Carbon paper and inked ribbon manufacturing	690 638	100.00
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	323112	Commercial flexographic printing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	339944	Carbon paper and inked ribbon manufacturing	D	S
3399441		Inked ribbons	532 675	77.13
	322231	Die-cut paper and paperboard office supplies manufacturing	D	S
	323112	Commercial flexographic printing	D	S
	325992	Photographic film, paper, plate, and chemical manufacturing	D	S
	339944	Carbon paper and inked ribbon manufacturing	D	S
3399443		Carbon paper and stencil paper	90 137	13.05
	339944	Carbon paper and inked ribbon manufacturing	90 137	100.00
339944W		Carbon paper and inked ribbon manufacturing, nsk, total	67 826	9.82
	339944	Carbon paper and inked ribbon manufacturing	67 826	100.00
339950		Sign manufacturing	8 873 497	100.00
	323110	Commercial lithographic printing	43 789	.49
	323113	Commercial screen printing	70 388	.79
	323119	Other commercial printing	5 926	.07
	326199	All other plastics product manufacturing	30 797	.35
	323212	Fabricated structural metal manufacturing	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	10 959	.12
	339943	Marking device manufacturing	8 375	.09
	339950	Sign manufacturing	8 609 309	97.02
	339999	All other miscellaneous manufacturing	18 082	.20
3399501		Electric signs	2 592 666	29.22
	339950	Sign manufacturing	D	S
	339999	All other miscellaneous manufacturing	D	S
3399503		Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	3 095 982	34.89
	323110	Commercial lithographic printing	19 319	.22
	323113	Commercial screen printing	64 820	.74
	326199	All other plastics product manufacturing	29 441	.33
	332312	Fabricated structural metal manufacturing	D	S
	333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	6 053	.07
	339943	Marking device manufacturing	6 516	.08
	339950	Sign manufacturing	2 903 490	33.78
3399505		Advertising specialties	1 399 742	15.77
	323110	Commercial lithographic printing	D	S
	339950	Sign manufacturing	D	S
339950W		Sign manufacturing, nsk, total	1 785 107	20.12
	339950	Sign manufacturing	1 776 702	99.53
339991		Gasket, packing, and sealing device manufacturing	4 988 294	100.00
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326199	All other plastics product manufacturing	36 403	.43
	326291	Rubber product manufacturing for mechanical use	85 698	1.72
	326299	All other rubber product manufacturing	37 000	.44
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	332912	Fluid power valve and hose fitting manufacturing	D	S
	333220	Plastics and rubber industry machinery manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	4 684 004	93.90

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text.]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
339991		Gasket, packing, and sealing device manufacturing—Con.		
3399911		Compression packings	310 632	6.23
	339991	Gasket, packing, and sealing device manufacturing	309 196	99.54
3399913		Nonmetallic gaskets and gasketing	1 481 989	29.71
	325998	All other miscellaneous chemical product and preparation manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	326291	Rubber product manufacturing for mechanical use	23 456	1.58
	326299	All other rubber product manufacturing	12 291	.83
	333220	Plastics and rubber industry machinery manufacturing	D	S
	333999	All other miscellaneous general purpose machinery manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	1 316 092	88.81
3399915		Molded packings and seals	1 212 062	24.30
	326199	All other plastics product manufacturing	8 041	.66
	326291	Rubber product manufacturing for mechanical use	62 242	5.14
	326299	All other rubber product manufacturing	24 709	2.04
	339991	Gasket, packing, and sealing device manufacturing	1 106 571	91.30
3399917		Metallic gaskets and machined seals	759 649	15.23
	326199	All other plastics product manufacturing	D	S
	332722	Bolt, nut, screw, rivet, and washer manufacturing	D	S
	339991	Gasket, packing, and sealing device manufacturing	736 982	97.02
3399918		Axial mechanical face seals, including parts	204 135	4.09
	339991	Gasket, packing, and sealing device manufacturing	199 800	97.88
3399919		Rotary oil seals	558 796	11.20
	339991	Gasket, packing, and sealing device manufacturing	554 332	99.20
339991W		Gasket, packing, and sealing device manufacturing, nsk, total	461 031	9.24
	339991	Gasket, packing, and sealing device manufacturing	461 031	100.00
339992		Musical instrument manufacturing	1 723 653	100.00
	334310	Audio and video equipment manufacturing	D	S
	339992	Musical instrument manufacturing	D	S
3399921		Nonelectronic pianos	173 794	10.08
	339992	Musical instrument manufacturing	173 794	100.00
3399923		Organs	105 608	6.13
	339992	Musical instrument manufacturing	105 608	100.00
3399925		Nonelectronic piano and organ parts, excluding benches	49 941	2.90
	339992	Musical instrument manufacturing	D	S
3399927		Other musical instruments and parts	1 326 570	76.96
	334310	Audio and video equipment manufacturing	D	S
	339992	Musical instrument manufacturing	D	S
339992W		Musical instrument manufacturing, nsk, total	67 740	3.93
	339992	Musical instrument manufacturing	67 740	100.00
339993		Fastener, button, needle, and pin manufacturing	629 636	100.00
	326199	All other plastics product manufacturing	D	S
	339993	Fastener, button, needle, and pin manufacturing	D	S
3399931		Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones)	203 639	32.34
	339993	Fastener, button, needle, and pin manufacturing	200 992	98.70
3399933		Zippers and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones	133 255	21.16
	339993	Fastener, button, needle, and pin manufacturing	D	S
3399935		Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones	222 580	35.35
	326199	All other plastics product manufacturing	D	S
	339993	Fastener, button, needle, and pin manufacturing	D	S
339993W		Fastener, button, needle, and pin manufacturing, nsk, total	70 162	11.14
	339993	Fastener, button, needle, and pin manufacturing	70 162	100.00
339994		Broom, brush, and mop manufacturing	2 079 334	100.00
	313230	Nonwoven fabric mills	D	S
	322291	Sanitary paper product manufacturing	D	S
	325510	Paint and coating manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	1 976 118	95.04
3399941		Brooms, mops, and dusters	544 278	26.18
	313230	Nonwoven fabric mills	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	513 364	94.32
3399943		Paint and varnish brushes and paint holders, pads, roller frames, and rollers, including replacement rollers	490 584	23.59
	339994	Broom, brush, and mop manufacturing	485 187	98.90
3399945		Other brushes	894 159	43.00
	325510	Paint and coating manufacturing	D	S
	325620	Toilet preparation manufacturing	D	S
	326199	All other plastics product manufacturing	D	S
	332999	All other miscellaneous fabricated metal product manufacturing	D	S
	339994	Broom, brush, and mop manufacturing	827 254	92.52
339994W		Broom, brush, and mop manufacturing, nsk, total	150 313	7.23
	339994	Broom, brush, and mop manufacturing	150 313	100.00
339995		Burial casket manufacturing	1 188 319	100.00
	326199	All other plastics product manufacturing	D	S
	339995	Burial casket manufacturing	D	S
3399951		Metal burial caskets and coffins, completely lined and trimmed, adult sizes only	778 673	65.53
	339995	Burial casket manufacturing	775 524	99.60
3399953		Wood burial caskets and coffins, completely lined and trimmed, adult sizes only	273 709	23.03
	339995	Burial casket manufacturing	273 190	99.81
3399955		Other burial caskets and coffins, including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's caskets and coffins	81 462	6.86
	326199	All other plastics product manufacturing	D	S
	339995	Burial casket manufacturing	D	S
339995W		Burial casket manufacturing, nsk, total	54 475	4.58
	339995	Burial casket manufacturing	54 256	99.60
339999		All other miscellaneous manufacturing	12 640 309	100.00
	325620	Toilet preparation manufacturing	8 953	.07
	326199	All other plastics product manufacturing	20 801	.16
	326299	All other rubber product manufacturing	D	S

See footnotes at end of table.

Table 2. Industry-Product Analysis—Product Shipments by Contributing Industry: 2002—Con.

[This table presents the industries contributing to the shipments of a product. Most products come from the industry in which the product is primary, which is where the industry code is the same as the first six-digits of the product code. However, some shipments may come from secondary industries that are displayed in the table with industry codes that are different than the first six-digits of the product code. Data for industries contributing less than \$5 million are not listed separately. These data are included in the total product shipments values. For this reason, the detail may not sum to the total. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Industry	Product and industry	Value of product shipments (\$1,000)	Percent distribution of value of product shipments
339999		All other miscellaneous manufacturing—Con.		
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	8 775	.07
	332321	Metal window and door manufacturing	D	S
	332322	Sheet metal work manufacturing	D	S
	332612	Spring (light gauge) manufacturing	D	S
	332710	Machine shops	6 854	.05
	333120	Construction machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	6 887	.05
	334290	Other communications equipment manufacturing	D	S
	335211	Electric housewares and household fan manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	13 013	.10
	339912	Silverware and hollowware manufacturing	D	S
	339999	All other miscellaneous manufacturing	12 363 213	97.81
3399991		Hand-portable and fixed-system (except water sprinkler system) fire extinguishing equipment, parts and attachments	626 171	4.95
	332321	Metal window and door manufacturing	D	S
	334290	Other communications equipment manufacturing	D	S
	336360	Motor vehicle seating and interior trim manufacturing	D	S
	339999	All other miscellaneous manufacturing	592 289	94.59
3399993		Coin-operated amusement machines, excluding jukeboxes	1 211 214	9.58
	339999	All other miscellaneous manufacturing	1 209 006	99.82
3399995		Candles, including tapers	1 236 983	9.79
	325620	Toilet preparation manufacturing	7 290	.59
	327112	Vitreous china, fine earthenware, and other pottery product manufacturing	D	S
	337215	Showcase, partition, shelving, and locker manufacturing	D	S
	339999	All other miscellaneous manufacturing	1 206 772	97.56
3399997		Umbrellas and parasols, including parts for umbrellas and parasols	70 201	.56
	339999	All other miscellaneous manufacturing	65 758	93.67
3399999		Artificial trees, flowers, fruits, and wreaths, including feathers and plumes	260 711	2.06
	339999	All other miscellaneous manufacturing	259 768	99.64
339999E		Mirror and picture frames and framed pictures	1 413 742	11.18
	326199	All other plastics product manufacturing	D	S
	327215	Glass product manufacturing made of purchased glass	D	S
	339912	Silverware and hollowware manufacturing	D	S
	339999	All other miscellaneous manufacturing	1 377 514	97.44
339999K		All other miscellaneous fabricated products	5 281 252	41.78
	326199	All other plastics product manufacturing	D	S
	326299	All other rubber product manufacturing	D	S
	332322	Sheet metal work manufacturing	D	S
	332612	Spring (light gauge) manufacturing	D	S
	332710	Machine shops	6 534	.12
	333120	Construction machinery manufacturing	D	S
	333319	Other commercial and service industry machinery manufacturing	6 671	.13
	335211	Electric housewares and household fan manufacturing	D	S
	339999	All other miscellaneous manufacturing	5 156 347	97.63
339999W		All other miscellaneous manufacturing, nsk, total	2 540 035	20.09
	335211	Electric housewares and household fan manufacturing	D	S
	339999	All other miscellaneous manufacturing	2 495 759	98.26

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

Appendix A.

Explanation of Terms

COMPANY

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

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

If the company operated at different physical locations, even if the individual locations 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.

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.

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2. Value of resales — sales of products bought and sold without further manufacture, processing, or assembly.
 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.
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 paper mills in the paper and allied products 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 OF PRODUCT SHIPMENTS

Includes the total value of all products produced and shipped by all producers, not just those with values of \$100,000 or more. However, for selected products, this can represent value of receipts, value of production, or value of work done. Industries that are published on these unique basis are separately identified.

PRODUCT SHIPMENTS AS PERCENT OF TOTAL VALUE OF SHIPMENTS

Includes the percentage of the value of product shipments at the six- and seven-digit NAICS levels over the total value of shipments for the specified industry.

PRODUCT DISTRIBUTION OF VALUE OF PRODUCT SHIPMENTS

Includes the percentage of the value of product shipments at the six- and seven-digit NAICS levels over the total value of product shipments for the specified industry.

Appendix B.

NAICS Codes, Titles, and Descriptions

211111 CRUDE PETROLEUM AND NATURAL GAS EXTRACTION

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

1. the exploration, development, and/or the production of petroleum or natural gas from wells in which the hydrocarbons will initially flow or can be produced using normal pumping techniques or
2. the production of crude petroleum from surface shales or tar sands or from reservoirs in which the hydrocarbons are semisolids.

Establishments in this industry operate oil and gas wells on their own account or for others on a contract or fee basis.

211112 NATURAL GAS LIQUID EXTRACTION

This U.S. industry comprises establishments primarily engaged in the recovery of liquid hydrocarbons from oil and gas field gases. Establishments primarily engaged in sulfur recovery from natural gas are included in this industry.

212111 BITUMINOUS COAL AND LIGNITE SURFACE MINING

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

1. surface mining of bituminous coal and lignite;
2. developing bituminous coal and lignite surface mine sites;
3. surface mining and beneficiating (e.g., cleaning, washing, screening, and sizing coal) of bituminous coal; or
4. beneficiating (e.g., cleaning, washing, screening, and sizing coal), but not mining, bituminous coal.

212112 BITUMINOUS COAL UNDERGROUND MINING

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

1. underground mining of bituminous coal;
2. developing bituminous coal underground mine sites; and
3. underground mining and beneficiating of bituminous coal (e.g., cleaning, washing, screening, and sizing coal).

212113 ANTHRACITE MINING

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

1. mining anthracite coal;
2. developing anthracite coal mine sites; and
3. beneficiating anthracite coal (e.g., cleaning, washing, screening, and sizing coal).

212210 IRON ORE MINING

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

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1. developing mine sites, mining, and/or beneficiating (i.e., preparing) iron ores and manganiferous ores valued chiefly for their iron content and/or
 2. producing sinter iron ore (except iron ore produced in iron and steel mills) and other iron ore agglomerates.

212221 GOLD ORE MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining, and/or beneficiating (i.e., preparing) ores valued chiefly for their gold content. Establishments primarily engaged in transformation of the gold into bullion or dore bar in combination with mining activities are included in this industry.

212222 SILVER ORE MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining, and/or beneficiating (i.e., preparing) ores valued chiefly for their silver content. Establishments primarily engaged in transformation of the silver into bullion or dore bar in combination with mining activities are included in this industry.

212231 LEAD ORE AND ZINC ORE MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining, and/or beneficiating (i.e., preparing) lead ores, zinc ores, or lead-zinc ores.

212234 COPPER ORE AND NICKEL ORE MINING

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

1. developing the mine site, mining, and/or beneficiating (i.e., preparing) copper and/or nickel ores; and
2. recovering copper concentrates by the precipitation, leaching, or electrowinning of copper ore.

212291 URANIUM-RADIUM-VANADIUM ORE MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining, and/or beneficiating (i.e., preparing) uranium-radium-vanadium ores.

212299 ALL OTHER METAL ORE MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining, and/or beneficiating (i.e., preparing) metal ores (except iron and manganiferous ores valued for their iron content, gold ore, silver ore, copper, nickel, lead, zinc, and uranium-radium-vanadium ore).

212311 DIMENSION STONE MINING AND QUARRYING

This U.S. industry comprises establishments primarily engaged in developing the mine site and/or mining or quarrying dimension stone (i.e., rough blocks and/or slabs of stone).

212312 CRUSHED AND BROKEN LIMESTONE MINING AND QUARRYING

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

1. developing the mine site, mining or quarrying crushed and broken limestone (including related rocks, such as dolomite, cement rock, marl, travertine, and calcareous tufa); and
2. beneficiating limestone (e.g., grinding or pulverizing).

212313 CRUSHED AND BROKEN GRANITE MINING AND QUARRYING

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

1. developing the mine site, and/or mining or quarrying crushed and broken granite (including related rocks, such as gneiss, syenite, and diorite); and
2. beneficiating granite (e.g., grinding or pulverizing).

212319 OTHER CRUSHED AND BROKEN STONE MINING AND QUARRYING

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

1. developing the mine site and/or mining or quarrying crushed and broken stone (except limestone and granite);
2. beneficiating (e.g., grinding and pulverizing) stone (except limestone and granite); and
3. mining or quarrying bituminous limestone and bituminous sandstone.

212321 CONSTRUCTION SAND AND GRAVEL MINING

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

1. operating commercial grade (i.e., construction) sand and gravel pits;
2. dredging for commercial grade sand and gravel; and
3. washing, screening, or otherwise preparing commercial grade sand and gravel.

212322 INDUSTRIAL SAND MINING

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

1. operating industrial grade sand pits;
2. dredging for industrial grade sand;
3. washing, screening, or otherwise preparing industrial grade sand.

212324 KAOLIN AND BALL CLAY MINING

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

1. developing the mine site and/or mining kaolin or ball clay (e.g., china clay, paper clay, and slip clay) and
2. beneficiating (i.e., preparing) kaolin or ball clay.

212325 CLAY AND CERAMIC AND REFRACTORY MINERALS MINING

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

1. mining clay (except kaolin and ball), ceramic, or refractory minerals;
2. developing the mine site for clay, ceramic, or refractory minerals; and
3. beneficiating (i.e., preparing) clay (except kaolin and ball), ceramic, or refractory minerals.

212391 POTASH, SODA, AND BORATE MINERAL MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining and/or milling, or otherwise beneficiating (i.e., preparing) natural potassium, sodium, or boron compounds. Drylake brine operations are included in this industry, as well as establishments engaged in producing the specified minerals from underground and open pit mines.

212392 PHOSPHATE ROCK MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining, milling, and/or drying or otherwise beneficiating (i.e., preparing) phosphate rock.

212393 OTHER CHEMICAL AND FERTILIZER MINERAL MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining, milling, and/or drying or otherwise beneficiating (i.e., preparing) chemical or fertilizer mineral raw materials (except potash, soda, boron, and phosphate rock).

212399 ALL OTHER NONMETALLIC MINERAL MINING

This U.S. industry comprises establishments primarily engaged in developing the mine site, mining and/or milling, or otherwise beneficiating (i.e., preparing) nonmetallic minerals (except stone, sand, gravel, clay, ceramic, refractory minerals, and chemical and fertilizer minerals).

213111 DRILLING OIL AND GAS WELLS

This U.S. industry comprises establishments primarily engaged in drilling oil and gas wells for others on a contract or fee basis. This industry includes contractors that specialize in spudding in, drilling in, re-drilling, and directional drilling.

213112 SUPPORT ACTIVITIES FOR OIL AND GAS OPERATIONS

This U.S. industry comprises establishments primarily engaged in performing support activities on a contract or fee basis for oil and gas operations (except site preparation and related construction activities). Services included are exploration (except geophysical surveying and mapping); excavating slush pits and cellars; well surveying; running, cutting, and pulling casings, tubes, and rods; cementing wells; shooting wells; perforating well casings; acidizing and chemically treating wells; and cleaning out, bailing, and swabbing wells.

213113 SUPPORT ACTIVITIES FOR COAL MINING

This U.S. industry comprises establishments primarily engaged in providing support activities for coal mining (except site preparation and related construction activities) on a contract or fee basis. Exploration for coal is included in this industry. Exploration includes traditional prospecting methods, such as taking core samples and making geological observations at prospective sites.

213114 SUPPORT ACTIVITIES FOR METAL MINING

This U.S. industry comprises establishments primarily engaged in providing support activities (except site preparation and related construction activities) on a contract or fee basis for the mining and quarrying of metallic minerals and for the extraction of metal ores. Exploration for minerals is included in this industry. Exploration (except geophysical surveying and mapping services) includes traditional prospecting methods, such as taking core samples and making geological observations at prospective sites.

213115 SUPPORT ACTIVITIES FOR NONMETALLIC MINERALS (EXCEPT FUELS) MINING

This U.S. industry comprises establishments primarily engaged in providing support activities, on a fee or contract basis, for the mining and quarrying of nonmetallic minerals (except fuel) and for the extraction of nonmetallic minerals (except site preparation and related construction activities). Exploration for minerals is included in this industry. Exploration (except geophysical surveying and mapping services) includes traditional prospecting methods, such as taking core samples and making geological observations at prospective sites.

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.

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.

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.

311230 BREAKFAST CEREAL MANUFACTURING

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

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.

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.

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.

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.

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.

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.

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.

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).

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.

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

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2. Smoking, salting, and drying seafood.

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

311712 FRESH AND FROZEN SEAFOOD PROCESSING

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

1. Eviscerating fresh fish by removing heads, fins, scales, bones, and entrails;
2. Shucking and packing fresh shellfish;
3. Manufacturing frozen seafood; and
4. Processing fresh and frozen marine fats and oils.

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.

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.

311830 TORTILLA MANUFACTURING

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

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).

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.

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.

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.

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.

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.

312120 BREWERIES

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

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.

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.

312210 TOBACCO STEMMING AND REDRYING

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

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.

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.

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.

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.

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).

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)

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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, calendaring, mercerizing and napping; as well as cleaning, scouring, and the preparation of natural fibers and raw stock.

313320 FABRIC COATING MILLS

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

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.

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.

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.

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.

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).

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.

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.

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.

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.

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.

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.

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.

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)).

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).

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:

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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.

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.

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).

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.

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).

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.

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.

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.

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).

322221 COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING

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

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

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

322222 COATED AND LAMINATED PAPER MANUFACTURING

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

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

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

322223 PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING

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

322224 UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING

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

322225 LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES

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

322226 SURFACE-COATED PAPERBOARD MANUFACTURING

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

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).

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.

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.

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.

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.

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.

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.

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.

325120 INDUSTRIAL GAS MANUFACTURING

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

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).

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).

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).

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.

325221 CELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

325222 NONCELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

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.

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).

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, toxins, blood fractions, and culture media of plant or animal origin (except diagnostic).

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.

325520 ADHESIVE MANUFACTURING

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

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.

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.

325910 PRINTING INK MANUFACTURING

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

325920 EXPLOSIVES MANUFACTURING

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

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
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).

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.

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.

326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

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

326160 PLASTICS BOTTLE MANUFACTURING

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

326191 PLASTICS PLUMBING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics or fiber-glass plumbing fixtures. Examples of products made by these establishments are plastics or fiber-glass 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).

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.

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.

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.

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.

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.

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.

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.

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.

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.

327390 OTHER CONCRETE PRODUCT MANUFACTURING

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

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.

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.

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.

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).

331111 IRON AND STEEL MILLS

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

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

331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING

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

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.

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.

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

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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.

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.

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.

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.

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.

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.

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.

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).

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.

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.

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.

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.

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).

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).

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.

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.

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.

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.

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).

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).

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 lawn-mowers, lawn and garden tractors, and other home lawn and garden equipment, such as tillers, shredders, and yard vacuums and blowers.

333120 CONSTRUCTION MACHINERY MANUFACTURING

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

333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING

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

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

333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING

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

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

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.

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.

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).

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).

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.

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).

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).

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.

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.

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).

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).

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.

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.

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).

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.

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).

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).

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.

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).

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.

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.

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 nonelectric major household-type appliances (except cooking equipment, refrigerators, upright and chest freezers, and household-type laundry equipment).

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.

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.

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.

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.

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.

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.

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.

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;

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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.

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.

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.

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).

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.

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.

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.

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.

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).

336411 AIRCRAFT MANUFACTURING

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

1. manufacturing or assembling complete aircraft;
2. developing and making aircraft prototypes;
3. aircraft conversion (i.e., major modifications to systems); and
4. complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

336412 AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING

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

1. manufacturing aircraft engines and engine parts;
2. developing and making prototypes of aircraft engines and engine parts;
3. aircraft propulsion system conversion (i.e., major modifications to systems); and
4. aircraft propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft propulsion system to original design specifications).

336413 OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

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

1. manufacturing aircraft parts or auxiliary equipment (except engines and aircraft fluid power subassemblies) and/or
2. developing and making prototypes of aircraft parts and auxiliary equipment.

Auxiliary equipment includes such items as crop dusting apparatus, armament racks, inflight refueling equipment, and external fuel tanks.

336414 GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING

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

1. manufacturing complete guided missiles and space vehicles and/or
2. developing and making prototypes of guided missile or space vehicles.

336415 GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

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

1. manufacturing guided missile and/or space vehicle propulsion units and propulsion unit parts and/or
2. developing and making prototypes of guided missile and space vehicle propulsion units and propulsion unit parts.

336419 OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

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

1. manufacturing guided missile and space vehicle parts and auxiliary equipment (except guided missile and space vehicle propulsion units and propulsion unit parts) and/or
2. developing and making prototypes of guided missile and space vehicle parts and auxiliary equipment.

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.

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.

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).

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.

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.

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.

337910 MATTRESS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

337920 BLIND AND SHADE MANUFACTURING

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

1. venetian blinds, other window blinds, shades;
2. curtain and drapery rods, poles; and/or
3. curtain and drapery fixtures.

The blinds and shades may be made on a stock or custom basis and may be made of any material.

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.

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.

339920 SPORTING AND ATHLETIC GOODS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

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).

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.

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).

339991 GASKET, PACKING, AND SEALING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gaskets, packing, and sealing devices of all materials.

339992 MUSICAL INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing musical instruments (except toys).

339993 FASTENER, BUTTON, NEEDLE, AND PIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fasteners, buttons, needles, pins, and buckles (except precious metals or precious and semiprecious stones and gems).

339994 BROOM, BRUSH, AND MOP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing brooms, mops, and brushes.

339995 BURIAL CASKET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing burial caskets, cases, and vaults (except concrete).

339999 ALL OTHER MISCELLANEOUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), musical instruments, fasteners, buttons, needles, pins, brooms, brushes, mops, and burial caskets).

Appendix C.

Methodology

SOURCES OF THE DATA

The manufacturing sector includes approximately 350,000 establishments. This number includes those industries in the North American Industry Classification System (NAICS) definition of manufacturing. The amount of information requested from manufacturing establishments was dependent upon a number of factors. The more important considerations were the size of the company and whether it was included in the Annual Survey of Manufactures (ASM).

Establishments in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:

- a. ASM sample establishments. This group accounts for approximately 15 percent of all manufacturing establishments. The ASM panel covers all the units of large manufacturing establishments, as well as a sample of the medium and smaller establishments. The probability of selection was proportionate to size. For more information, see the Description of the ASM Survey Sample.

In an economic census year, the ASM report form (MA-10000) replaces the first page of the regular census form for those establishments included in the ASM. In addition to information on employment, payroll, and other items normally requested on the regular census form, establishments in the ASM sample were requested to supply additional information on gross book value of assets and capital expenditures. ASM establishments were also requested to provide information on retirements, depreciation, rental payments, and supplemental labor costs. For establishments not included in the ASM, these additional items were estimated using relationships observed in the ASM establishment data. The census statistics for these variables are a sum of the ASM establishment data and the estimated data for non-ASM establishments. ASM establishments were also requested to provide information for selected purchased services. The census statistics for the purchased service items were derived solely from the ASM establishments. See Appendix A. Explanation of Terms, for an explanation of these items. The census part of the report form is 1 of 220 versions containing product, material, and special inquiries. The diversity of manufacturing activities necessitated the use of this many forms to canvass the 473 manufacturing industries. Each form was developed for a group of related industries.

Appearing on each form was a list of products primary to the group of related industries, as well as secondary products and miscellaneous services that establishments classified in these industries were likely to perform. Respondents were requested to identify the products, the value of each product, and, in certain cases, the quantity of the product shipped during the survey year. Space also was provided for the respondent to describe products not specifically identified on the form.

The report form also contained a materials-consumed inquiry, which varied from form to form depending on the industries being canvassed. The respondents were asked to review a list of materials generally used in their production processes. From this list, each establishment was requested to identify those materials consumed during the survey year, the cost of each, and, in certain cases, the quantity consumed. Once again, space was provided

for the respondent to describe significant materials not listed on the form.

A wide variety of special inquiries were included to measure activities peculiar to a given industry, such as operations performed and equipment used.

- b. Large and medium establishments (non-ASM). Approximately 30 percent of all manufacturing establishments were included in this group. A variable cutoff, based on administrative-record payroll data and determined on an industry-by-industry basis, was used to select those establishments that were to receive 1 of the 220 economic census — manufacturing regular forms. The first page, requesting establishment data for items such as employment and payroll, was standard but did not contain the detailed statistics included on the ASM form. The product, material, and special inquiry sections supplied were based on the historical industry classification of the establishment.
- c. Small single-establishment companies (non-ASM). This group includes approximately 15 percent of all manufacturing establishments. For those industries where application of the variable cutoff for administrative-record cases resulted in a large number of small establishments being included in the mail canvass, an abbreviated “short form” was used. These establishments received 1 of the 31 versions of the short form, which requested summary product and material data and totals but no details on employment, payroll, cost of materials, inventories, and capital expenditures.

Use of the short form has no adverse effect on published totals for the industry statistics, because the same data were collected on the short form as on the long form. However, detailed information on products and materials consumed was not collected on the short form; thus, its use would increase the value of the “not specified by kind” (nsk) categories.

2. Establishments not sent a report form:

- a. Small single-establishment companies not sent a report form. Approximately 40 percent of the manufacturing establishments were small single-establishment companies that were excused from filing a census report. Selection of these establishments was based on two factors: annual payroll and the Census Bureau’s ability to assign the correct six-digit NAICS industry classification to the establishment. For each six-digit NAICS industry code, an annual payroll cutoff was determined. These cutoffs were derived so that the establishments with payroll less than the cutoff were expected to account for no more than 3 percent of the value of shipments for the industry. Generally, all single-establishment companies with less than 5 employees were excused, while all establishments with more than 20 employees were mailed forms. Establishments below the cutoff that could not be directly assigned a six-digit NAICS code were mailed a classification report that requested information for assigning NAICS industry codes. Establishments below the cutoff that could be directly assigned a six-digit NAICS code were excused from filing any report. For below cutoff establishments, information on the physical location, payroll, and receipts was obtained from the administrative records of other federal agencies under special arrangements that safeguarded their confidentiality.

Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The value of shipments and cost of materials were not distributed among specific products and materials for these establishments, but were included in the product and material “not specified by kind” (nsk) categories.

The industry classification codes included in the administrative-record files were assigned on the basis of brief descriptions of the general activity of the establishment. As a result, an indeterminate number of establishments were erroneously coded to a six-digit NAICS industry. This was especially true whenever there was a relatively fine line of demarcation between industries or between manufacturing and nonmanufacturing activity.

Sometimes the administrative-record cases had only two- or three-digit NAICS group classification codes available in the files. For manufacturing, these establishments were sent a

separate classification form, which requested information on the products and services of the establishment. This form was used to code many of these establishments to the appropriate six-digit NAICS level. Establishments that did not return the classification form were coded later to those six-digit NAICS industries identified as “All other” industries within the given subsector.

As a result of these situations, a number of small establishments may have been misclassified by industry. However, such possible misclassification has no significant effect on the statistics, other than on the number of companies and establishments.

The total establishment count for individual industries should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 employees or more are far more reliable than the count of total number of establishments.

- b. All nonemployers, i.e., all firms subject to federal income tax, with no paid employees, during 2002 are excluded as in previous censuses. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments covered in the 2002 Economic Census — Manufacturing are classified in 1 of 473 industries in accordance with the industry definitions in the *North American Industry Classification System (NAICS), United States, 2002* manual. There were no changes between the 2002 edition and the 1997 edition affecting this sector. When applicable, Appendix F of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 2002, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. There are 1,450 product classes (seven-digit codes), 5,674 census products, and an additional 3,746 ten-digit product codes. The ten-digit products are considered the primary products of the industry with the same first six digits.

For the 2002 Economic Census — Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 2002, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

As previously noted, the small establishments that may have been misclassified by industry are usually administrative-record cases whose industry codes were assigned on the basis of incomplete descriptions of the general activity of the establishment. Such possible misclassifications have no significant effect on the statistics other than on the number of companies and establishments.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments that may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry's output should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the primary product specialization ratio and the coverage ratio. The primary product specialization ratio is the proportion of industry shipments accounted for by the primary products of establishments classified in the industry. The coverage ratio is the proportion of product shipments accounted for by establishments classified in the industry.

ESTABLISHMENT BASIS OF REPORTING

The 2002 Economic Census — Manufacturing is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment. The ASM also is conducted on an establishment basis, but separate reports are filed for just those establishments selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports, if the plant records permit such a separation and if the activities are substantial in size.

In 2002, as in earlier years, a minimum size limit was set for inclusion of establishments in the census. All establishments employing one person or more at any time during the census year are included. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures, except for data on number of establishments for a few industries.

The 2002 Economic Census — Manufacturing excludes data for central administrative offices (CAOs). These would include separately operated administrative offices, warehouses, garages, and other auxiliary units that service manufacturing establishments of the same company. These data are published in a separate report series.

DESCRIPTION OF THE ASM SURVEY SAMPLE

The ASM sample is drawn for the second survey year after a census. The most recent sample was drawn for the 1999 survey year based on the 1997 Economic Census — Manufacturing. This sample will be in place through the 2003 ASM.

In 1997, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the establishments in the 1997 manufacturing population were partitioned into two components for developing estimates within the ASM. The details of each are described below:

1. Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies

that operate at more than one physical location). Approximately 200,000 of the 370,000 establishments in the 1997 census were assigned to the mail stratum. On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1999 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1997 census. Supplemental samples representing both 1998 and 1999 births (newly active establishments that were not included in the 1997 census) were also selected. Establishments selected for the sample are mailed an ASM survey questionnaire for each year through 2003.

The 1999-2003 ASM sample design is similar to the one used since 1984. Companies in the 1997 Economic Census — Manufacturing with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1999-2003 sample, there are approximately 500 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. Across these arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1997 Economic Census — Manufacturing.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1997 industry classification and its 1997 product class data. For each product class (1,755) and six-digit industry (473), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints, while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by the Census Bureau's primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) that permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

2. Nonmail stratum. The initial nonmail component of the survey was comprised of approximately 170,000 small, single-establishment companies that were tabulated as administrative records in the 1997 Economic Census — Manufacturing. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the Internal Revenue Service (IRS) and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum. For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census. The following are two ways that further explain this method: ASM Estimating Procedure. Most of the ASM

estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1997 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the “difference” between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1998-2002 ASM estimates, the 1997 Economic Census — Manufacturing values serve as the base year. For the 2003 ASM, the base will be updated to be the 2002 Economic Census — Manufacturing.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contained approximately 170,000 individual establishments in 1999, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication. ASM Data Qualifications. The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists, but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

- From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
- From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS

The 2002 Economic Census — Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

DISCLOSURE

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

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

Appendix D. Geographic Notes

Not applicable for this report.

Appendix E. Metropolitan and Micropolitan Statistical Areas

Not applicable for this report.

