

Florida: 2002

Issued September 2005

EC02-31A-FL (RV)

2002 Economic Census

Manufacturing

Geographic Area Series



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ACKNOWLEDGMENTS

This report was prepared in the Manufacturing and Construction Division under the direction of **Mendel D. Gayle**, Assistant Division Chief for Census and Related Programs who was responsible for the overall planning, management, and coordination. **Mendel D. Gayle**, Chief, Census and Related Programs Support Branch, assisted by **Arminta Quash** Section Chief, **Robert Reinard**, Chief, Consumer Goods Industries Branch, assisted by **Suzanne Conard**, **Susan DiCola**, and **James Hinckley**, Section Chiefs, **Kenneth Hansen**, Chief, Investment Goods Industries Branch, assisted by **Chris Blackburn**, **Jazmin Rose** and **Wanda Sledd**, Section Chiefs, **Nathaniel Shelton**, Chief, Primary Goods Industries Branch, assisted by **Walter Hunter**, **Joanna Nguyen**, and **Athanasios Theodoropoulos**, Section Chiefs, and **Raphael Corrado**, **Tom Flood**, **Robert Miller**, and **Robert Rosati**, Special Assistants, performed the planning and implementation. **Bill Baldwin**, **Luis Blanco**, **Larry Blumberg**, **Phillip Brown**, **Brenda Campbell**, **Catherine Cooper**, **Paul Corey**, **Mary Kim Corley**, **Theresa Crowley**, **Chris Cunningham**, **Vance Davis**, **Jesse Dawson**, **Kellie Friedrich**, **Dennis Gosier**, **Vera Harris-Bourne**, **Karen Harshbarger**, **Nancy Higgins**, **Steven Hood**, **Rachael Horwitz**, **Tom Ickes**, **Evelyn Jordan**, **Daphne Kelly**, **Cathy Knudsen**, **Kristen Lauziere**, **Mai Ngan Le**, **Jennifer Lee**, **Robert Lee**, **Jennifer Leotta**, **John Linehan**, **Keith McKenzie**, **Blynda Metcalf**, **Stanley Montgomery**, **Philippe Morris**, **Madelyn Nieves**, **Betty Pannell**, **Bridgett Parker-Bell**, **Dorothy Parsons**, **Gloria Peebles-Butler**, **Michael Perkinson**, **Deanna Pickerall**, **Dana Sklut**, **LaTanya Steele**, **Susan Sundermann**, **Myss Sykes-Stephens**, **Betty Sutter**, **Dora Thomas**, **Ronanne Vinson**, **Keeley Voor**, **Denneth Wallace**, **Hilda Ward**, **Edward Watkins III**, **Tempie Whittington**, **Ernest Wilson Jr.**, **Barbara Wongus**, and **Kevin Younes**, provided primary staff assistance.

Mendel D. Gayle, Chief, Census and Related Programs Support Branch, assisted by **Arlinda Allen**, **Kimberly DePhillip**, and **Baruti Taylor**, Section Chiefs, performed overall coordination of the publication process. **Patrick Duck**, **Michael Flaherty**, **Taylor C. Murph**, and **Veronica White** provided primary staff assistance.

Mathematical and statistical techniques as well as the coverage operations were provided by **Paul Hsen**, Assistant Division Chief for Research and Methodology Programs, assisted by **Stacey Cole**, Chief, Manufacturing Methodology Branch, and **Robert Struble**, Section Chief and **Jeffrey Dalzell** and **Cathy Gregor** provided primary staff assistance.

Eddie J. Salyers, Assistant Division Chief of Economic Planning and Coordination Division, was responsible for overseeing the editing and tabulation procedures and the interactive analytical software. **Dennis Shoemaker** and **Kim Wortman**, Special Assistants, **John D. Ward**, Chief, Analytical Branch, and **Brandy L. Yarbrough**, Chief, Edit Branch, were responsible for developing the systems and procedures for data collection, editing, review, and correction. **Donna L. Hambric**, Chief of the Economic Planning Staff, was responsible for overseeing the systems and information for dissemination. **Douglas J. Miller**, Chief, Tables and Dissemination Branch, assisted by **Lisa Aispuro**, **Jamie Fleming**, **Keith Fuller**, **Andrew W. Hait**, and **Kathy G. Padgett** were responsible for developing the data dissemination systems and procedures.

The Geography Division staff, **Robert LaMacchia**, Chief, developed geographic coding procedures and associated computer programs.

The Economic Statistical Methods and Programming Division, **Howard R. Hogan**, Chief, developed and coordinated the computer processing systems. **Barry F. Sessamen**, Assistant Division Chief for Post Collection, was responsible for design and implementation of the processing system and computer programs. **Gary T. Sheridan**, Chief, Macro Analytical Branch, assisted by **Apparao V. Katikineni** and **Edward F. Johnson** provided computer programming and implementation.

The Systems Support Division provided the table composition system. **Robert Joseph Brown**, Table Image Processing System (TIPS) Senior Software Engineer, was responsible for the design and development of the TIPS, under the supervision of **Robert J. Bateman**, Assistant Division Chief, Information Systems.

The staff of the National Processing Center performed mailout preparation and receipt operations, clerical and analytical review activities, and data entry.

Margaret A. Smith, **Bernadette J. Beasley**, and **Michael T. Browne** of the Administrative and Customer Services Division, **Walter C. Odom**, Chief, provided publication and printing management, graphics design and composition, and editorial review for print and electronic media. General direction and production management were provided by **James R. Clark**, Assistant Division Chief, and **Susan L. Rappa**, Chief, Publications Services Branch.

Special acknowledgment is also due the many businesses whose cooperation contributed to the publication of these data.

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U.S. Department of Commerce

Carlos M. Gutierrez,

Secretary

David A. Sampson,

Deputy Secretary

Economics and Statistics Administration

Kathleen B. Cooper,

Under Secretary for
Economic Affairs

U.S. CENSUS BUREAU

Charles Louis Kincannon,

Director



**Economics
and Statistics
Administration**

Kathleen B. Cooper,
Under Secretary
for Economic Affairs



U.S. CENSUS BUREAU

Charles Louis Kincannon,
Director

Hermann Habermann,
Deputy Director and
Chief Operating Officer

Thomas L. Mesenbourg,
Associate Director
for Economic Programs

Thomas L. Mesenbourg,
Acting Assistant Director
for Economic Programs

William G. Bostic, Jr.,
Chief, Manufacturing
and Construction Division

CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix
Tables	
1. Industry Statistics for the State: 2002	1
2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002	15
3. Industry Statistics for Counties: 2002	66
4. Industry Statistics for Places: 2002	87
5. Detailed Statistics for the State: 2002	108
Appendixes	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	D-1
E. Metropolitan Areas and Micropolitan Statistical Areas	E-1

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

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

INDUSTRY CLASSIFICATIONS

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

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

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

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

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

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

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

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

BASIS OF REPORTING

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

GEOGRAPHIC AREA CODING

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

AVAILABILITY OF ADDITIONAL DATA

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

HISTORICAL INFORMATION

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

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

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

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

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

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

SOURCES FOR MORE INFORMATION

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

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Manufacturing

SCOPE

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

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

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

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

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

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

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

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

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

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

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

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

REPORTS

The following reports provide statistics on this sector:

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

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

Subject Series:

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

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

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

GEOGRAPHIC AREAS COVERED

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

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

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

DOLLAR VALUES

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

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

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

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

RELIABILITY OF DATA

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

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

DISCLOSURE

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

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

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

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

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

CONTACTS FOR DATA USERS

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

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

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

Table 1. Industry Statistics for the State: 2002

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLORIDA													
31-33	Manufacturing	1	'15 202	3 192	'377 137	'14 082 395	'245 216	'482 303	'6 956 175	'41 912 600	'36 528 474	'78 474 770	'2 465 056
311	Food manufacturing	1	1 009	207	'33 656	'1 101 798	'24 014	'47 933	'682 185	'4 802 516	'5 387 018	'10 255 323	'319 016
3111	Animal food manufacturing	'1	'40	'11	'967	'33 993	'626	'1 298	'19 608	'95 487	'243 802	'326 211	'7 439
31111	Animal food manufacturing	'1	'40	'11	'967	'33 993	'626	'1 298	'19 608	'95 487	'243 802	'326 211	'7 439
311119	Other animal food manufacturing	'1	'35	'11	'952	'33 432	'614	'1 274	'19 241	'92 036	'241 155	'320 113	'7 331
3112	Grain and oilseed milling	2	7	4	156	6 111	129	293	4 610	19 666	91 080	112 342	1 280
31121	Flour milling and malt manufacturing	-	4	3	117	4 677	98	231	3 579	14 116	69 160	84 872	383
3113	Sugar and confectionery product manufacturing	-	69	15	3 267	124 184	2 360	5 365	93 876	379 536	524 365	970 208	29 476
31131	Sugar manufacturing	-	7	6	g	D	D	D	D	D	D	D	27 787
311311	Sugarcane mills	-	6	5	2 022	77 442	1 429	3 417	62 080	242 788	351 618	628 409	D
311312	Cane sugar refining	-	1	1	e	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	7	40	5	496	15 586	313	556	8 139	41 961	23 896	64 405	D
311330	Confectionery manufacturing from purchased chocolate ..	7	40	5	496	15 586	313	556	8 139	41 961	23 896	64 405	D
31134	Nonchocolate confectionery manufacturing	3	19	4	e	D	D	D	D	D	D	D	727
311340	Nonchocolate confectionery manufacturing	3	19	4	e	D	D	D	D	D	D	D	727
3114	Fruit and vegetable preserving and specialty food manufacturing	-	68	39	6 987	289 963	5 080	10 877	170 628	1 818 956	1 922 963	3 757 517	166 391
31141	Frozen food manufacturing	1	27	18	2 297	81 179	1 911	4 109	58 122	700 425	683 996	1 385 242	22 233
311411	Frozen fruit, juice, and vegetable manufacturing ...	1	20	15	1 886	71 508	1 534	3 453	50 448	578 491	640 310	1 219 630	20 568
311412	Frozen specialty food manufacturing	-	7	3	411	9 671	377	656	7 674	121 934	43 686	165 612	1 665
31142	Fruit and vegetable canning, pickling, and drying	-	41	21	4 690	208 784	3 169	6 768	112 506	1 118 531	1 238 967	2 372 275	144 158
311421	Fruit and vegetable canning .	-	35	21	4 664	207 890	3 147	6 724	111 821	1 110 475	1 235 397	2 360 649	143 819
3115	Dairy product manufacturing	3	41	16	1 973	75 856	1 371	2 742	47 834	383 682	591 486	974 993	25 176
31151	Dairy product (except frozen) manufacturing	1	21	11	1 381	56 002	917	1 958	33 511	216 742	458 533	674 458	20 097
311511	Fluid milk manufacturing	1	9	9	1 103	45 895	690	1 502	26 534	182 929	400 896	582 994	13 322
311513	Cheese manufacturing	2	4	1	215	7 016	184	359	5 573	10 248	47 347	57 740	D
31152	Ice cream and frozen dessert manufacturing	5	20	5	592	19 854	454	784	14 323	166 940	132 953	300 535	5 079
311520	Ice cream and frozen dessert manufacturing	5	20	5	592	19 854	454	784	14 323	166 940	132 953	300 535	5 079
3116	Animal slaughtering and processing	4	78	22	6 387	156 387	5 514	11 170	120 729	413 288	655 512	1 071 687	22 184
31161	Animal slaughtering and processing	4	78	22	6 387	156 387	5 514	11 170	120 729	413 288	655 512	1 071 687	22 184
311611	Animal (except poultry) slaughtering	5	37	6	556	13 995	479	1 077	10 552	28 006	124 731	152 768	D
311612	Meat processed from carcasses	4	27	8	2 096	60 334	1 731	3 676	44 224	235 014	270 597	502 477	8 138
311613	Rendering and meat byproduct processing	-	5	3	183	5 827	99	226	2 746	14 049	12 616	26 787	D
311615	Poultry processing	4	9	5	3 552	76 231	3 205	6 191	63 207	136 219	247 568	389 655	10 377
3117	Seafood product preparation and packaging	1	34	15	2 422	67 361	1 883	4 020	38 494	249 928	552 159	802 106	5 296
31171	Seafood product preparation and packaging	1	34	15	2 422	67 361	1 883	4 020	38 494	249 928	552 159	802 106	5 296
311711	Seafood canning	2	5	1	152	3 937	78	153	1 929	20 262	21 380	41 641	428
311712	Fresh and frozen seafood processing	1	29	14	2 270	63 424	1 805	3 867	36 565	229 666	530 779	760 465	4 868
3118	Bakeries and tortilla manufacturing	1	527	56	8 389	237 953	4 922	8 107	125 192	705 912	330 159	1 034 816	16 163
31181	Bread and bakery product manufacturing	1	506	51	7 789	222 162	4 467	7 417	117 125	666 787	297 411	963 177	14 548
311811	Retail bakeries	5	349	15	1 821	28 979	978	1 354	14 873	60 677	30 700	91 283	1 853
311812	Commercial bakeries	1	147	31	5 676	183 799	3 255	5 580	96 999	582 731	247 660	829 562	11 766
311813	Frozen cakes, pies, and other pastries manufacturing	7	10	5	292	9 384	234	483	5 253	23 379	19 051	42 332	929
31182	Cookie, cracker, and pasta manufacturing	1	19	4	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	1	12	4	535	14 011	400	579	6 674	34 823	29 039	63 665	1 435
3119	Other food manufacturing	2	'145	'29	'3 108	'109 990	'2 129	'4 061	'61 214	'736 061	'475 492	'1 205 443	'45 611
31191	Snack food manufacturing	-	16	6	882	24 710	684	1 377	16 705	216 492	86 678	302 208	7 012
311919	Other snack food manufacturing	-	11	6	852	23 713	660	1 330	16 049	212 927	82 067	294 032	6 834
31192	Coffee and tea manufacturing .	1	11	4	595	30 211	345	712	16 613	211 951	194 071	410 168	17 015
311920	Coffee and tea manufacturing	1	11	4	595	30 211	345	712	16 613	211 951	194 071	410 168	17 015
31193	Flavoring syrup and concentrate manufacturing ...	2	6	3	135	5 232	93	198	2 807	76 266	8 102	84 331	1 445
311930	Flavoring syrup and concentrate manufacturing .	2	6	3	135	5 232	93	198	2 807	76 266	8 102	84 331	1 445

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
FLORIDA—Con.													
311	Food manufacturing—Con.												
3119	Other food manufacturing—Con.												
31194	Seasoning and dressing manufacturing	5	27	8	852	31 729	566	861	14 851	174 090	128 156	294 659	10 672
311942	Spice and extract manufacturing	5	12	8	810	30 572	534	813	14 095	168 526	122 897	283 836	10 405
31199	All other food manufacturing ...	'4	'85	'8	'644	'18 108	'441	'913	'10 238	'57 262	'58 485	'114 077	'9 467
311991	Perishable prepared food manufacturing	2	11	3	296	7 177	183	415	3 208	15 969	16 198	32 135	D
311999	All other miscellaneous food manufacturing	5	'74	'5	'348	'10 931	'258	'498	'7 030	'41 293	'42 287	'81 942	D
312	Beverage and tobacco product manufacturing	1	99	43	7 375	259 890	4 407	9 325	136 067	1 814 009	1 807 091	3 603 016	156 560
3121	Beverage manufacturing	1	80	39	5 701	195 661	3 048	6 702	93 461	1 378 467	1 716 741	3 077 179	142 801
31211	Soft drink and ice manufacturing	2	60	32	4 253	124 198	2 010	4 316	47 867	625 135	1 253 778	1 870 030	110 687
312111	Soft drink manufacturing ...	1	22	20	3 193	91 555	1 545	3 402	36 408	519 375	1 148 580	1 662 162	89 657
312112	Bottled water manufacturing .	7	12	6	681	22 084	307	622	8 244	70 200	96 542	163 518	18 925
312113	Ice manufacturing	1	26	6	379	10 559	158	292	3 215	35 560	8 656	44 350	2 105
31212	Breweries	—	8	3	f	D	D	D	D	D	D	D	D
312120	Breweries	—	8	3	f	D	D	D	D	D	D	D	D
31214	Distilleries	3	3	3	f	D	D	D	D	D	D	D	D
312140	Distilleries	3	3	3	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	19	4	1 674	64 229	1 359	2 623	42 606	435 542	90 350	525 837	13 759
31222	Tobacco product manufacturing	—	18	4	g	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	17	3	g	D	D	D	D	D	D	D	D
313	Textile mills	5	135	16	1 405	42 067	1 115	2 239	28 745	94 420	118 466	212 552	4 446
3131	Fiber, yarn, and thread mills	8	10	3	299	6 900	275	494	5 943	12 450	22 168	34 528	464
31311	Fiber, yarn, and thread mills ...	8	10	3	299	6 900	275	494	5 943	12 450	22 168	34 528	464
313111	Yarn spinning mills	9	4	2	c	D	D	D	D	D	D	D	D
3132	Fabric mills	5	59	8	707	23 856	521	1 116	15 350	56 967	54 750	111 171	3 127
31321	Broadwoven fabric mills	6	30	2	209	6 311	173	350	4 542	17 816	19 765	36 752	1 126
313210	Broadwoven fabric mills	6	30	2	209	6 311	173	350	4 542	17 816	19 765	36 752	1 126
31322	Narrow fabric mills and schiffli machine embroidery	2	13	3	c	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	2	9	1	134	4 623	104	230	2 636	9 158	5 230	13 901	D
31323	Nonwoven fabric mills	9	4	1	c	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	9	4	1	c	D	D	D	D	D	D	D	D
31324	Knit fabric mills	1	12	2	177	6 984	139	303	4 969	13 850	18 199	32 903	144
313249	Other knit fabric and lace mills	—	9	2	c	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	4	66	5	399	11 311	319	629	7 452	25 003	41 548	66 853	855
31331	Textile and fabric finishing mills	5	58	4	323	9 170	259	510	6 217	21 784	35 778	57 465	777
313311	Broadwoven fabric finishing mills	4	44	2	245	7 139	189	371	4 661	16 630	30 713	47 346	569
314	Textile product mills	3	511	56	5 118	121 763	3 947	7 706	76 104	269 716	249 862	519 477	14 473
3141	Textile furnishings mills	2	190	14	2 052	45 929	1 757	3 589	31 987	110 573	137 688	248 289	4 086
31412	Curtain and linen mills	2	178	13	2 008	44 691	1 718	3 508	30 959	107 574	129 061	236 663	3 970
314121	Curtain and drapery mills ...	5	145	6	966	20 914	761	1 371	10 830	37 992	32 309	70 776	932
314129	Other household textile product mills	1	33	7	1 042	23 777	957	2 137	20 129	69 582	96 752	165 887	3 038
3149	Other textile product mills	4	321	42	3 066	75 834	2 190	4 117	44 117	159 143	112 174	271 188	10 387
31491	Textile bag and canvas mills ...	4	157	18	1 252	30 548	917	1 643	17 903	51 750	40 038	92 957	4 627
314911	Textile bag mills	5	10	3	129	2 676	118	265	1 761	4 216	2 833	7 084	D
314912	Canvas and related product mills	4	147	15	1 123	27 872	799	1 378	16 142	47 534	37 205	85 873	D
31499	All other textile product mills ...	4	164	24	1 814	45 286	1 273	2 474	26 214	107 393	72 136	178 231	5 760
314999	All other miscellaneous textile product mills	3	155	23	1 746	42 776	1 247	2 421	25 606	99 248	69 117	167 037	D
315	Apparel manufacturing	4	'457	77	'9 163	'200 455	'7 339	'12 997	'109 418	'505 713	'614 436	'1 130 713	'18 365
3151	Apparel knitting mills	2	18	5	612	11 247	515	935	7 345	24 761	17 908	42 642	1 047
31519	Other apparel knitting mills ...	—	14	4	f	D	D	D	D	D	D	D	964
315191	Outerwear knitting mills	—	12	4	528	9 740	438	787	6 068	20 997	13 696	34 666	D
3152	Cut and sew apparel manufacturing	4	'374	64	'7 931	'175 617	'6 346	'11 153	'94 157	'452 470	'568 732	'1 032 066	'16 966
31521	Cut and sew apparel contractors	4	240	30	2 302	34 562	2 082	3 404	27 377	61 058	31 667	91 012	689
315211	Men's and boys' cut and sew apparel contractors	3	33	9	699	10 616	621	920	7 766	22 047	5 123	26 053	204
315212	Women's, girls', and infants' cut and sew apparel contractors	5	207	21	1 603	23 946	1 461	2 484	19 611	39 011	26 544	64 959	485

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLORIDA—Con.													
315	Apparel manufacturing—Con.												
3152	Cut and sew apparel manufacturing—Con.												
31522	Men's and boys' cut and sew apparel manufacturing	2	'36	10	'2 584	'73 157	'1 851	'3 251	'27 205	'215 780	'291 301	'516 477	'12 987
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	—	'8	1	c	D	D	D	D	D	D	D	'21
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	9	7	3	842	20 992	628	789	5 828	62 324	83 987	146 236	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	6	4	1 493	46 633	1 046	2 138	18 419	131 854	153 548	288 411	D
31523	Women's and girls' cut and sew apparel manufacturing	6	71	15	1 973	47 764	1 515	2 872	25 839	141 082	214 166	358 748	2 611
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	6	6	3	718	14 392	583	1 141	8 429	33 904	36 378	70 128	655
315232	Women's and girls' cut and sew blouse and shirt manufacturing	7	19	6	748	20 353	566	1 049	10 347	72 629	148 730	224 917	1 368
315233	Women's and girls' cut and sew dress manufacturing	2	16	3	c	D	D	D	D	D	D	D	99
315239	Women's and girls' cut and sew other outerwear manufacturing	6	28	3	329	8 230	255	476	4 897	23 651	20 308	44 061	D
31529	Other cut and sew apparel manufacturing	2	27	9	1 072	20 134	898	1 626	13 736	34 550	31 598	65 829	679
315291	Infants' cut and sew apparel manufacturing	2	4	1	c	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	2	21	7	909	17 694	763	1 414	12 278	31 356	23 291	54 403	D
3159	Apparel accessories and other apparel manufacturing	3	65	8	620	13 591	478	909	7 916	28 482	27 796	56 005	352
31599	Apparel accessories and other apparel manufacturing	3	65	8	620	13 591	478	909	7 916	28 482	27 796	56 005	352
315991	Hat, cap, and millinery manufacturing	5	9	4	c	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	2	54	4	407	9 206	302	621	5 103	20 784	23 738	44 259	308
316	Leather and allied product manufacturing	2	70	10	1 059	26 105	828	1 545	13 710	48 219	48 930	95 332	640
3161	Leather and hide tanning and finishing	—	6	1	111	3 332	69	155	1 467	7 779	15 861	24 412	D
31611	Leather and hide tanning and finishing	—	6	1	111	3 332	69	155	1 467	7 779	15 861	24 412	D
316110	Leather and hide tanning and finishing	—	6	1	111	3 332	69	155	1 467	7 779	15 861	24 412	D
3162	Footwear manufacturing	1	19	3	447	9 502	364	663	5 354	15 135	17 532	30 109	D
31621	Footwear manufacturing	1	19	3	447	9 502	364	663	5 354	15 135	17 532	30 109	D
316211	Rubber and plastics footwear manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	4	45	6	501	13 271	395	727	6 889	25 305	15 537	40 811	312
31699	Other leather and allied product manufacturing	4	45	6	501	13 271	395	727	6 889	25 305	15 537	40 811	312
316991	Luggage manufacturing	4	12	2	270	7 878	208	402	3 853	14 106	8 211	22 306	206
316999	All other leather goods manufacturing	6	18	2	126	2 778	101	171	1 691	6 391	3 572	9 943	58
321	Wood product manufacturing	1	'528	'191	'15 891	'458 953	'12 479	'25 032	'304 056	'965 377	'1 442 781	'2 400 336	55 154
3211	Sawmills and wood preservation	1	65	29	2 108	66 481	1 794	3 891	50 426	154 887	426 615	575 599	11 603
32111	Sawmills and wood preservation	1	65	29	2 108	66 481	1 794	3 891	50 426	154 887	426 615	575 599	11 603
321113	Sawmills	2	44	19	1 547	49 284	1 375	2 982	40 282	126 890	224 601	343 429	8 325
321114	Wood preservation	—	21	10	561	17 197	419	909	10 144	27 997	202 014	232 170	3 278
3212	Veneer, plywood, and engineered wood product manufacturing	1	110	79	6 572	196 491	5 078	10 089	125 948	372 868	421 472	792 893	19 617
32121	Veneer, plywood, and engineered wood product manufacturing	1	110	79	6 572	196 491	5 078	10 089	125 948	372 868	421 472	792 893	19 617
321211	Hardwood veneer and plywood manufacturing	3	12	6	430	11 876	367	742	8 746	17 480	26 695	44 280	433
321212	Softwood veneer and plywood manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
321213	Engineered wood member (except truss) manufacturing	—	3	2	c	D	D	D	D	D	D	D	402
321214	Truss manufacturing	1	90	69	5 295	156 401	3 917	7 758	91 900	306 643	280 070	584 722	17 866

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLORIDA—Con.													
321	Wood product manufacturing—Con.												
3219	Other wood product manufacturing	2	'353	'83	'7 211	'195 981	'5 607	'11 052	'127 682	'437 622	'594 694	'1 031 844	23 934
32191	Millwork	2	192	39	3 199	86 603	2 461	4 990	54 597	205 772	344 257	547 976	13 988
321911	Wood window and door manufacturing	1	67	19	1 608	42 416	1 183	2 506	25 241	97 772	166 421	263 905	5 772
321912	Cut stock, resawing lumber, and planing	—	24	6	609	15 430	531	1 045	11 610	54 187	111 425	163 426	3 525
321918	Other millwork (including flooring)	5	101	14	982	28 757	747	1 439	17 746	53 813	66 411	120 645	4 691
32192	Wood container and pallet manufacturing	4	'59	'16	'1 025	'23 098	'890	'1 703	'16 963	'51 890	'50 060	'100 081	1 422
321920	Wood container and pallet manufacturing	4	'59	'16	'1 025	'23 098	'890	'1 703	'16 963	'51 890	'50 060	'100 081	1 422
32199	All other wood product manufacturing	1	102	28	2 987	86 280	2 256	4 359	56 122	179 960	200 377	383 787	8 524
321991	Manufactured home (mobile home) manufacturing	1	20	13	2 098	63 602	1 611	3 239	42 485	127 385	146 973	278 648	2 889
321992	Prefabricated wood building manufacturing	6	12	6	246	6 900	171	307	3 887	13 434	16 481	29 553	1 258
321999	All other miscellaneous wood product manufacturing	1	70	9	643	15 778	474	813	9 750	39 141	36 923	75 586	4 377
322	Paper manufacturing	—	163	65	10 352	480 148	7 927	16 779	325 989	1 698 270	1 812 045	3 507 827	90 514
3221	Pulp, paper, and paperboard mills	—	16	8	4 715	268 268	3 732	8 051	199 473	1 131 061	950 053	2 075 586	63 414
32211	Pulp mills	—	2	2	f	D	D	D	D	D	D	D	D
322110	Pulp mills	—	2	2	f	D	D	D	D	D	D	D	D
32212	Paper mills	—	10	3	2 353	130 561	1 866	3 911	97 303	516 384	400 862	899 841	37 468
322121	Paper (except newsprint) mills	—	10	3	2 353	130 561	1 866	3 911	97 303	516 384	400 862	899 841	37 468
32213	Paperboard mills	—	4	3	g	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	4	3	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	147	57	5 637	211 880	4 195	8 728	126 516	567 209	861 992	1 432 241	27 100
32221	Paperboard container manufacturing	—	74	37	3 859	150 476	2 851	6 009	89 738	387 602	690 669	1 082 222	18 450
322211	Corrugated and solid fiber box manufacturing	—	46	23	2 549	101 098	1 914	4 155	62 616	219 982	492 423	713 980	13 994
322212	Folding paperboard box manufacturing	—	13	5	723	28 249	523	1 090	15 251	70 062	55 313	125 828	3 032
322214	Fiber can, tube, drum, and similar products manufacturing	—	9	6	e	D	D	D	D	D	D	D	524
322215	Nonfolding sanitary food container manufacturing	—	5	2	277	10 576	176	333	5 134	71 177	83 758	156 554	D
32222	Paper bag and coated and treated paper manufacturing	—	29	7	626	21 713	447	934	11 006	61 974	73 586	134 625	D
322222	Coated and laminated paper manufacturing	2	17	3	155	6 209	100	190	2 591	13 294	17 121	30 205	468
322224	Uncoated paper and multiwall bag manufacturing	—	5	2	374	11 255	280	594	6 005	32 008	36 565	67 774	174
32223	Stationery product manufacturing	1	22	7	793	25 788	686	1 339	20 219	54 371	67 986	121 243	6 350
322232	Envelope manufacturing	1	11	5	696	22 707	597	1 174	17 578	45 764	54 778	99 653	6 108
32229	Other converted paper product manufacturing	—	22	6	359	13 903	211	446	5 553	63 262	29 751	94 151	D
322299	All other converted paper product manufacturing	—	17	4	284	11 695	149	312	3 978	58 323	21 863	81 304	1 325
323	Printing and related support activities	3	2 021	256	22 228	729 031	15 823	28 958	439 612	1 562 012	1 054 176	2 623 674	87 647
3231	Printing and related support activities	3	2 021	256	22 228	729 031	15 823	28 958	439 612	1 562 012	1 054 176	2 623 674	87 647
32311	Printing	3	1 877	237	21 033	689 763	14 887	27 318	414 142	1 491 728	1 031 594	2 530 857	82 295
323110	Commercial lithographic printing	2	726	133	11 180	397 903	8 020	15 319	242 632	830 416	581 102	1 410 809	53 066
323111	Commercial gravure printing	1	19	1	101	3 360	71	143	2 111	12 750	9 836	22 437	455
323112	Commercial flexographic printing	2	44	12	773	29 635	529	1 000	17 057	80 506	90 495	170 719	3 498
323113	Commercial screen printing	3	237	32	3 076	83 720	2 284	4 036	48 879	151 899	125 999	283 898	5 532
323114	Quick printing	4	601	18	2 736	75 642	1 810	3 070	44 996	171 957	65 024	237 032	6 228
323115	Digital printing	1	67	10	769	23 318	535	879	14 853	51 503	18 614	72 356	5 269
323116	Manifold business forms printing	6	23	9	762	24 014	461	919	12 608	82 514	72 043	155 642	3 528
323117	Books printing	5	32	11	719	23 451	556	920	14 452	44 661	30 000	74 273	2 095
323119	Other commercial printing	4	122	9	833	25 789	572	953	15 307	58 001	34 878	92 985	2 336
32312	Support activities for printing	3	144	19	1 195	39 268	936	1 640	25 470	70 284	22 582	92 817	5 352
323121	Tradebinding and related work	4	36	8	500	12 400	448	911	10 040	19 749	6 646	26 294	1 035
323122	Prepress services	3	108	11	695	26 868	488	729	15 430	50 535	15 936	66 523	4 317
324	Petroleum and coal products manufacturing	1	51	14	1 129	46 695	714	1 596	25 274	169 711	273 047	439 622	23 930
3241	Petroleum and coal products manufacturing	1	51	14	1 129	46 695	714	1 596	25 274	169 711	273 047	439 622	23 930
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	37	11	921	38 760	588	1 337	22 181	144 008	231 814	372 803	22 558
324121	Asphalt paving mixture and block manufacturing	1	27	8	598	23 367	383	859	13 776	91 550	122 256	213 722	D
324122	Asphalt shingle and coating materials manufacturing	—	10	3	323	15 393	205	478	8 405	52 458	109 558	159 081	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLORIDA—Con.													
324	Petroleum and coal products manufacturing—Con.												
3241	Petroleum and coal products manufacturing—Con.												
32419	Other petroleum and coal products manufacturing	5	14	3	208	7 935	126	259	3 093	25 703	41 233	66 819	1 372
324191	Petroleum lubricating oil and grease manufacturing	5	13	3	c	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	'548	'146	'19 136	'901 604	'11 169	'23 077	'412 169	'4 030 920	'4 594 012	'8 489 014	'341 153
3251	Basic chemical manufacturing	—	56	15	1 559	78 521	1 027	2 186	46 760	371 213	400 517	761 374	30 385
32512	Industrial gas manufacturing	2	14	1	109	4 679	64	114	2 210	27 466	9 253	36 993	927
325120	Industrial gas manufacturing	2	14	1	109	4 679	64	114	2 210	27 466	9 253	36 993	927
32518	Other basic inorganic chemical manufacturing	2	20	4	196	8 763	126	227	5 143	51 921	38 935	80 363	1 449
325188	All other basic inorganic chemical manufacturing	2	20	4	196	8 763	126	227	5 143	51 921	38 935	80 363	1 449
32519	Other basic organic chemical manufacturing	—	17	9	g	D	D	D	D	D	D	D	D
325191	Gum and wood chemical manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	14	7	901	51 703	562	1 277	30 157	264 303	269 046	531 553	23 778
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	28	17	2 293	104 964	1 558	3 521	53 732	417 425	680 967	1 090 175	13 395
32521	Resin and synthetic rubber manufacturing	—	25	14	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	19	11	858	34 094	631	1 341	19 968	165 498	183 810	343 962	8 452
325212	Synthetic rubber manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	'66	'31	'4 313	'215 533	'3 068	'7 077	'139 530	'885 412	'1 821 660	'2 654 697	'171 723
32531	Fertilizer manufacturing	—	'58	'29	'4 228	'211 923	'3 025	'7 005	'137 959	'834 673	'1 807 052	'2 589 094	'170 654
325311	Nitrogenous fertilizer manufacturing	1	9	2	122	6 678	76	164	3 778	21 536	47 459	68 797	1 022
325312	Phosphatic fertilizer manufacturing	—	8	8	3 137	167 801	2 371	5 616	116 373	711 694	1 466 984	2 126 883	158 988
325314	Fertilizer (mixing only) manufacturing	2	'41	'19	'969	'37 444	'578	'1 225	'17 808	'101 443	'292 609	'393 414	'10 644
3254	Pharmaceutical and medicine manufacturing	2	66	28	5 339	255 719	2 543	4 452	75 811	1 306 681	617 216	1 858 852	81 595
32541	Pharmaceutical and medicine manufacturing	2	66	28	5 339	255 719	2 543	4 452	75 811	1 306 681	617 216	1 858 852	81 595
325411	Medicinal and botanical manufacturing	—	14	2	215	10 818	55	63	1 476	110 475	211 587	297 660	5 780
325412	Pharmaceutical preparation manufacturing	2	38	18	4 525	216 662	2 168	3 878	63 641	1 106 745	369 799	1 437 494	70 841
325413	In-vitro diagnostic substance manufacturing	3	5	4	449	23 780	183	320	7 275	71 437	29 995	99 733	4 528
325414	Biological product (except diagnostic) manufacturing	2	9	4	150	4 459	137	191	3 419	18 024	5 835	23 965	446
3255	Paint, coating, and adhesive manufacturing	2	84	19	1 627	70 596	811	1 533	20 861	205 518	332 787	538 867	6 023
32551	Paint and coating manufacturing	2	72	16	1 268	53 106	602	1 107	16 587	166 444	280 793	446 845	4 311
325510	Paint and coating manufacturing	2	72	16	1 268	53 106	602	1 107	16 587	166 444	280 793	446 845	4 311
32552	Adhesive manufacturing	3	12	3	359	17 490	209	426	4 274	39 074	51 994	92 022	1 712
325520	Adhesive manufacturing	3	12	3	359	17 490	209	426	4 274	39 074	51 994	92 022	1 712
3256	Soap, cleaning compound, and toilet preparation manufacturing	1	133	20	2 499	109 691	1 192	2 395	40 480	613 362	544 199	1 157 623	27 361
32561	Soap and cleaning compound manufacturing	3	79	11	833	33 879	532	1 024	17 863	159 236	112 042	270 999	6 625
325611	Soap and other detergent manufacturing	4	36	3	c	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	4	38	7	512	18 243	355	672	10 804	94 018	53 299	147 103	4 142
32562	Toilet preparation manufacturing	—	54	9	1 666	75 812	660	1 371	22 617	454 126	432 157	886 624	20 736
325620	Toilet preparation manufacturing	—	54	9	1 666	75 812	660	1 371	22 617	454 126	432 157	886 624	20 736
3259	Other chemical product and preparation manufacturing	3	115	16	1 506	66 580	970	1 913	34 995	231 309	196 666	427 426	10 671
32591	Printing ink manufacturing	2	21	2	217	10 296	114	245	4 820	48 146	49 736	98 218	1 572
325910	Printing ink manufacturing	2	21	2	217	10 296	114	245	4 820	48 146	49 736	98 218	1 572
32592	Explosives manufacturing	1	5	4	452	20 173	298	555	8 906	48 072	42 479	90 771	D
325920	Explosives manufacturing	1	5	4	452	20 173	298	555	8 906	48 072	42 479	90 771	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLORIDA—Con.													
325 3259	Chemical manufacturing—Con. Other chemical product and preparation manufacturing—Con.												
32599	All other chemical product and preparation manufacturing . . .	4	89	10	837	36 111	558	1 113	21 269	135 091	104 451	238 437	D
325991	Custom compounding of purchased resins	4	25	2	c	D	D	D	D	D	D	D	912
325998	All other miscellaneous chemical product and preparation manufacturing . .	4	46	8	607	26 268	421	844	16 600	101 844	62 923	164 482	D
326	Plastics and rubber products manufacturing	2	630	208	17 047	527 253	13 141	26 392	348 990	1 441 463	1 292 184	2 741 683	97 616
3261	Plastics product manufacturing . .	2	547	185	15 061	464 476	11 648	23 427	304 957	1 307 778	1 152 990	2 467 215	93 366
32611	Plastics packaging materials and un laminated film and sheet manufacturing	3	51	18	1 564	59 652	1 166	2 413	35 917	147 336	158 192	303 608	7 480
326111	Plastics bag manufacturing . .	3	13	6	844	33 549	590	1 217	18 639	73 742	81 832	155 506	4 377
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	7	4	298	11 073	254	547	7 984	30 273	34 343	65 305	968
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	6	31	8	422	15 030	322	649	9 294	43 321	42 017	82 797	2 135
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	3	53	20	1 213	38 527	957	1 753	26 253	112 585	146 106	265 287	12 957
326121	Unlaminated plastics profile shape manufacturing	4	35	10	543	18 107	447	860	12 519	46 783	42 161	88 940	2 458
326122	Plastics pipe and pipe fitting manufacturing	3	18	10	670	20 420	510	893	13 734	65 802	103 945	176 347	10 499
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	5	20	4	364	15 274	224	536	6 928	30 587	37 392	68 102	3 112
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing . .	5	20	4	364	15 274	224	536	6 928	30 587	37 392	68 102	3 112
32614	Polystyrene foam product manufacturing	1	26	10	889	24 720	744	1 596	18 859	79 602	61 575	141 308	6 975
326140	Polystyrene foam product manufacturing	1	26	10	889	24 720	744	1 596	18 859	79 602	61 575	141 308	6 975
32615	Urethane and other foam product (except polystyrene) manufacturing	—	16	9	613	19 814	495	1 011	14 160	76 139	103 821	179 392	9 787
326150	Urethane and other foam product (except polystyrene) manufacturing	—	16	9	613	19 814	495	1 011	14 160	76 139	103 821	179 392	9 787
32616	Plastics bottle manufacturing . .	1	18	11	966	32 861	831	1 775	25 375	113 019	151 321	263 245	12 886
326160	Plastics bottle manufacturing	1	18	11	966	32 861	831	1 775	25 375	113 019	151 321	263 245	12 886
32619	Other plastics product manufacturing	2	363	113	9 452	273 628	7 231	14 343	177 465	748 510	494 583	1 246 273	40 169
326191	Plastics plumbing fixture manufacturing	2	37	16	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	325	97	8 429	248 368	6 566	12 965	162 003	692 581	449 691	1 144 506	37 928
3262	Rubber product manufacturing . . .	3	83	23	1 986	62 777	1 493	2 965	44 033	133 685	139 194	274 468	4 250
32621	Tire manufacturing	4	41	9	466	16 332	294	593	9 753	32 294	46 268	78 613	1 809
326212	Tire retreading	2	40	8	e	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	1	14	5	796	26 144	643	1 452	20 035	49 966	55 438	105 918	1 045
326220	Rubber and plastics hoses and belting manufacturing . .	1	14	5	796	26 144	643	1 452	20 035	49 966	55 438	105 918	1 045
32629	Other rubber product manufacturing	3	28	9	724	20 301	556	920	14 245	51 425	37 488	89 937	1 396
326299	All other rubber product manufacturing	3	22	9	703	19 625	539	886	13 748	49 930	36 471	87 425	1 349
327	Nonmetallic mineral product manufacturing	2	964	313	21 263	746 990	16 494	35 111	519 733	2 541 494	1 923 056	4 483 790	165 127
3271	Clay product and refractory manufacturing	1	58	3	393	12 476	325	618	8 849	40 364	15 133	54 449	1 012
32712	Clay building material and refractories manufacturing	1	23	3	308	10 461	255	503	7 450	36 492	13 237	48 592	737
327122	Ceramic wall and floor tile manufacturing	1	14	2	226	6 819	203	381	5 507	26 759	6 066	31 511	261
3272	Glass and glass product manufacturing	1	132	23	1 996	70 613	1 617	3 387	52 557	183 343	121 976	303 554	12 407
32721	Glass and glass product manufacturing	1	132	23	1 996	70 613	1 617	3 387	52 557	183 343	121 976	303 554	12 407
327213	Glass container manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass . .	2	102	21	1 464	45 625	1 157	2 359	32 306	107 815	66 261	173 495	5 665

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLORIDA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing	2	'595	250	'15 785	'540 696	'12 257	'26 199	'375 917	'1 927 798	'1 409 211	'3 344 000	'132 020
32731	Cement manufacturing	4	12	8	889	42 872	680	1 466	30 144	226 114	155 773	389 265	32 792
327310	Cement manufacturing	4	12	8	889	42 872	680	1 466	30 144	226 114	155 773	389 265	32 792
32732	Ready-mix concrete manufacturing	1	'307	115	'5 806	'196 173	'4 664	'9 720	'146 319	'752 819	'706 588	'1 459 088	'36 691
327320	Ready-mix concrete manufacturing	1	'307	115	'5 806	'196 173	'4 664	'9 720	'146 319	'752 819	'706 588	'1 459 088	'36 691
32733	Concrete pipe, brick, and block manufacturing	—	108	49	2 874	106 027	2 151	4 757	70 289	391 212	239 874	628 184	24 197
327331	Concrete block and brick manufacturing	—	83	32	1 971	78 582	1 422	3 154	50 293	284 021	185 826	468 179	21 466
327332	Concrete pipe manufacturing	—	25	17	903	27 445	729	1 603	19 996	107 191	54 048	160 005	2 731
32739	Other concrete product manufacturing	3	168	78	6 216	195 624	4 762	10 256	129 165	557 653	306 976	867 463	38 340
327390	Other concrete product manufacturing	3	168	78	6 216	195 624	4 762	10 256	129 165	557 653	306 976	867 463	38 340
3274	Lime and gypsum product manufacturing	—	27	7	1 007	43 390	820	1 887	31 458	169 898	206 034	376 012	7 077
32742	Gypsum product manufacturing	—	27	7	1 007	43 390	820	1 887	31 458	169 898	206 034	376 012	7 077
327420	Gypsum product manufacturing	—	27	7	1 007	43 390	820	1 887	31 458	169 898	206 034	376 012	7 077
3279	Other nonmetallic mineral product manufacturing	1	152	30	2 082	79 815	1 475	3 020	50 952	220 091	170 702	405 775	12 611
32791	Abrasive product manufacturing	—	9	5	181	8 615	116	216	4 458	8 094	19 543	41 502	1 066
327910	Abrasive product manufacturing	—	9	5	181	8 615	116	216	4 458	8 094	19 543	41 502	1 066
32799	All other nonmetallic mineral product manufacturing	1	143	25	1 901	71 200	1 359	2 804	46 494	211 997	151 159	364 273	11 545
327991	Cut stone and stone product manufacturing	5	88	10	741	23 374	567	1 053	16 146	49 021	22 979	71 440	D
327992	Ground or treated mineral and earth manufacturing	1	8	1	104	3 983	79	160	2 784	16 382	12 283	28 353	1 740
327993	Mineral wool manufacturing	—	15	2	378	20 172	285	672	14 562	62 307	37 756	100 996	D
327999	All other miscellaneous nonmetallic mineral product manufacturing	—	32	12	678	23 671	428	919	13 002	84 287	78 141	163 484	2 845
331	Primary metal manufacturing	1	120	30	3 556	142 471	2 633	5 397	91 126	362 678	616 126	997 644	23 644
3311	Iron and steel mills and ferroalloy manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	6	1	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	19	10	1 040	40 892	738	1 616	25 628	71 023	230 698	313 309	D
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	3	2	e	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	3	2	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	16	8	f	D	D	D	D	D	D	D	4 418
331222	Steel wire drawing	—	14	8	678	23 493	592	1 291	20 191	61 111	110 640	170 867	D
3313	Alumina and aluminum production and processing	—	24	6	917	35 024	697	1 212	23 363	98 917	177 348	274 196	D
33131	Alumina and aluminum production and processing	—	24	6	917	35 024	697	1 212	23 363	98 917	177 348	274 196	D
331314	Secondary smelting and alloying of aluminum	1	5	1	160	6 041	123	246	3 973	6 867	44 000	50 867	891
331316	Aluminum extruded product manufacturing	—	8	4	692	26 411	522	864	17 504	83 915	114 134	195 980	4 286
3314	Nonferrous metal (except aluminum) production and processing	5	30	7	f	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	4	17	7	512	20 893	344	738	10 729	79 920	47 130	128 524	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	5	12	4	377	14 600	274	587	8 215	63 842	43 517	108 833	D
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	—	5	3	135	6 293	70	151	2 514	16 078	3 613	19 691	743

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
FLORIDA—Con.													
331	Primary metal manufacturing—Con.												
3315	Foundries	1	41	6	749	25 681	590	1 287	17 253	59 279	42 263	101 374	3 089
33151	Ferrous metal foundries	1	13	1	261	10 390	200	462	6 541	27 197	19 016	46 234	1 064
331511	Iron foundries	1	9	1	256	10 252	196	456	6 430	26 899	18 852	45 772	1 053
33152	Nonferrous metal foundries	2	28	5	488	15 291	390	825	10 712	32 082	23 247	55 140	2 025
331521	Aluminum die-casting foundries	—	4	2	c	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	4	16	3	232	6 497	195	412	5 037	14 435	4 917	19 140	970
332	Fabricated metal product manufacturing	2	'1 990	376	'37 690	'1 230 250	'27 662	'54 008	'756 112	'2 978 294	'2 464 963	'5 449 943	168 539
3321	Forging and stamping	1	61	21	1 781	66 369	1 346	2 743	41 281	206 900	131 445	341 553	11 636
33211	Forging and stamping	1	61	21	1 781	66 369	1 346	2 743	41 281	206 900	131 445	341 553	11 636
332114	Custom roll forming	—	18	9	748	29 210	587	1 189	18 853	132 893	88 945	224 356	4 698
332116	Metal stamping	4	32	11	972	34 770	719	1 471	21 013	69 434	37 007	107 131	6 755
3322	Cutlery and handtool manufacturing	4	44	9	925	31 815	730	1 515	21 159	94 395	68 988	162 503	9 732
33221	Cutlery and handtool manufacturing	4	44	9	925	31 815	730	1 515	21 159	94 395	68 988	162 503	9 732
332212	Hand and edge tool manufacturing	5	30	4	598	20 893	474	1 040	14 195	71 682	50 077	121 456	D
332213	Saw blade and handsaw manufacturing	4	7	2	253	7 959	198	356	4 748	17 208	13 876	30 258	D
3323	Architectural and structural metals manufacturing	2	702	178	18 297	568 686	12 853	25 095	322 820	1 317 014	1 218 805	2 544 862	79 480
33231	Plate work and fabricated structural product manufacturing	2	236	70	5 711	191 368	3 884	7 299	106 329	424 895	476 326	902 145	33 158
332311	Prefabricated metal building and component manufacturing	1	38	11	1 065	33 821	662	1 352	16 206	77 067	98 605	175 749	4 674
332312	Fabricated structural metal manufacturing	3	175	50	4 077	136 981	2 790	5 053	76 661	315 098	349 779	662 992	26 922
332313	Plate work manufacturing	2	23	9	569	20 566	432	894	13 462	32 730	27 942	63 404	1 562
33232	Ornamental and architectural metal products manufacturing	2	466	108	12 586	377 318	8 969	17 796	216 491	892 119	742 479	1 642 717	46 322
332321	Metal window and door manufacturing	2	130	41	6 775	206 727	4 633	9 553	110 836	484 054	445 964	936 834	27 845
332322	Sheet metal work manufacturing	2	192	50	3 847	112 896	2 813	5 268	68 704	271 316	184 445	456 445	13 799
332323	Ornamental and architectural metal work manufacturing ..	2	144	17	1 964	57 695	1 523	2 975	36 951	136 749	112 070	249 438	4 678
3324	Boiler, tank, and shipping container manufacturing	—	48	18	1 888	75 254	1 469	3 087	51 357	265 827	403 947	670 672	5 835
33241	Power boiler and heat exchanger manufacturing	5	7	3	245	7 797	195	405	5 258	16 463	8 919	25 717	334
332410	Power boiler and heat exchanger manufacturing ..	5	7	3	245	7 797	195	405	5 258	16 463	8 919	25 717	334
33242	Metal tank (heavy gauge) manufacturing	1	21	8	593	21 995	428	896	11 845	46 204	28 098	74 445	973
332420	Metal tank (heavy gauge) manufacturing	1	21	8	593	21 995	428	896	11 845	46 204	28 098	74 445	973
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	20	7	1 050	45 462	846	1 786	34 254	203 160	366 930	570 510	4 528
332431	Metal can manufacturing	—	9	4	642	34 637	538	1 096	27 232	179 693	330 256	509 117	4 076
332439	Other metal container manufacturing	2	11	3	408	10 825	308	690	7 022	23 467	36 674	61 393	452
3325	Hardware manufacturing	2	35	7	1 124	29 704	926	2 020	19 474	69 680	35 358	103 757	2 074
33251	Hardware manufacturing	2	35	7	1 124	29 704	926	2 020	19 474	69 680	35 358	103 757	2 074
332510	Hardware manufacturing	2	35	7	1 124	29 704	926	2 020	19 474	69 680	35 358	103 757	2 074
3326	Spring and wire product manufacturing	—	66	9	1 659	50 505	1 357	2 523	34 296	156 874	131 918	288 457	10 578
33261	Spring and wire product manufacturing	—	66	9	1 659	50 505	1 357	2 523	34 296	156 874	131 918	288 457	10 578
332612	Spring (light gauge) manufacturing	—	9	2	c	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	56	7	1 498	44 449	1 247	2 315	30 450	143 172	127 988	270 721	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	'670	60	'5 009	'169 404	'3 793	'7 329	'114 253	'331 932	'149 573	'481 442	19 120
33271	Machine shops	4	'595	37	'3 303	'111 851	'2 478	'4 584	'74 522	'210 759	'96 590	'306 527	13 644
332710	Machine shops	4	'595	37	'3 303	'111 851	'2 478	'4 584	'74 522	'210 759	'96 590	'306 527	13 644
33272	Turned product and screw, nut, and bolt manufacturing	3	75	23	1 706	57 553	1 315	2 745	39 731	121 173	52 983	174 915	5 476
332721	Precision turned product manufacturing	1	57	19	1 175	38 851	921	1 882	28 367	84 119	30 397	114 437	4 060
332722	Bolt, nut, screw, rivet, and washer manufacturing	7	18	4	531	18 702	394	863	11 364	37 054	22 586	60 478	1 416

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
FLORIDA—Con.													
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities	3	170	26	1 732	55 883	1 344	2 443	38 560	119 458	37 952	157 985	6 063
33281	Coating, engraving, heat treating, and allied activities ..	3	170	26	1 732	55 883	1 344	2 443	38 560	119 458	37 952	157 985	6 063
332811	Metal heat treating	5	11	1	125	4 491	94	127	3 058	10 660	1 204	11 874	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	68	13	807	26 533	655	1 127	19 006	62 755	23 814	87 083	D
332813	Electroplating, plating, polishing, anodizing, and coloring	3	91	12	800	24 859	595	1 189	16 496	46 043	12 934	59 028	2 814
3329	Other fabricated metal product manufacturing	1	194	48	5 275	182 630	3 844	7 253	112 912	416 214	286 977	698 712	24 021
33291	Metal valve manufacturing	—	35	17	2 835	101 778	1 956	3 619	57 163	249 853	173 186	419 953	15 491
332911	Industrial valve manufacturing	—	11	6	858	35 309	469	971	15 900	77 757	65 449	141 790	D
332912	Fluid power valve and hose fitting manufacturing	—	10	5	1 218	42 386	947	1 764	26 778	100 066	52 918	152 333	6 748
332919	Other metal valve and pipe fitting manufacturing	—	11	5	f	D	D	D	D	D	D	D	4 204
33299	All other fabricated metal product manufacturing	2	159	31	2 440	80 852	1 888	3 634	55 749	166 361	113 791	278 759	8 530
332993	Ammunition (except small arms) manufacturing	—	3	3	325	8 207	256	346	5 243	26 443	12 491	37 837	D
332996	Fabricated pipe and pipe fitting manufacturing	3	16	2	120	4 471	94	196	3 140	6 870	8 557	15 950	703
332999	All other miscellaneous fabricated metal product manufacturing	2	117	23	1 828	63 482	1 399	2 820	44 046	118 535	85 033	203 349	6 074
333	Machinery manufacturing	2	'872	'234	'21 262	'906 145	'11 908	'23 123	'373 717	'2 326 226	'1 961 136	'4 298 134	'89 231
3331	Agriculture, construction, and mining machinery manufacturing	4	73	15	1 206	43 726	793	1 561	23 687	92 988	129 364	226 687	9 062
33311	Agricultural implement manufacturing	5	32	3	304	9 640	204	376	5 538	20 576	22 809	43 393	815
333111	Farm machinery and equipment manufacturing ..	6	29	3	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	6	25	8	522	18 619	365	685	11 006	45 166	58 090	104 593	2 293
333120	Construction machinery manufacturing	6	25	8	522	18 619	365	685	11 006	45 166	58 090	104 593	2 293
33313	Mining and oil and gas field machinery manufacturing	2	16	4	380	15 467	224	500	7 143	27 246	48 465	78 701	5 954
333131	Mining machinery and equipment manufacturing ..	6	7	3	c	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	—	9	1	c	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	103	33	2 250	107 383	1 054	1 950	36 961	205 378	184 624	392 520	7 511
33322	Plastics and rubber industry machinery manufacturing	3	15	3	126	3 943	86	177	2 203	5 920	4 645	10 710	155
333220	Plastics and rubber industry machinery manufacturing ..	3	15	3	126	3 943	86	177	2 203	5 920	4 645	10 710	155
33329	Other industrial machinery manufacturing	1	83	30	2 099	102 490	955	1 748	34 412	197 858	179 055	379 093	7 324
333291	Paper industry machinery manufacturing	2	10	3	138	6 219	43	87	1 493	13 394	6 784	20 581	235
333292	Textile machinery manufacturing	9	5	1	113	3 821	74	146	2 008	6 087	5 233	11 320	D
333293	Printing machinery and equipment manufacturing ..	4	12	3	166	7 081	111	181	3 876	11 052	8 117	20 299	236
333294	Food product machinery manufacturing	—	17	4	431	20 688	155	303	5 572	58 590	23 214	79 800	D
333295	Semiconductor machinery manufacturing	—	4	4	490	34 209	180	278	8 944	48 583	85 161	137 207	D
333298	All other industrial machinery manufacturing	1	35	15	761	30 472	392	753	12 519	60 152	50 546	109 886	916
3333	Commercial and service industry machinery manufacturing	—	125	30	5 220	278 449	2 117	4 311	76 692	882 917	747 669	1 630 253	30 750
33331	Commercial and service industry machinery manufacturing	—	125	30	5 220	278 449	2 117	4 311	76 692	882 917	747 669	1 630 253	30 750
333311	Automatic vending machine manufacturing	5	8	3	203	8 502	106	178	2 795	26 527	19 020	43 585	781
333312	Commercial laundry, drycleaning, and pressing machine manufacturing	—	4	3	509	14 907	377	787	9 360	60 419	50 997	112 388	D
333314	Optical instrument and lens manufacturing	—	17	4	643	33 141	468	929	22 683	94 257	84 043	184 538	4 542
333315	Photographic and photocopying equipment manufacturing	8	13	3	151	5 657	80	144	2 746	12 041	10 935	22 974	555
333319	Other commercial and service industry machinery manufacturing	—	78	16	3 633	212 651	1 064	2 224	38 589	683 611	577 992	1 255 859	23 529

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FLORIDA—Con.													
333 3334	Machinery manufacturing—Con. Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	86	32	2 600	81 983	1 897	3 776	47 460	275 474	236 252	512 063	10 665
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	86	32	2 600	81 983	1 897	3 776	47 460	275 474	236 252	512 063	10 665
333411	Air purification equipment manufacturing	2	16	6	417	10 798	305	666	5 654	22 427	23 090	45 856	D
333412	Industrial and commercial fan and blower manufacturing ..	—	4	4	250	8 363	167	264	5 344	14 012	17 523	31 781	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	6	56	21	1 878	61 064	1 392	2 778	35 683	232 519	192 118	424 569	D
3335	Metalworking machinery manufacturing	1	'202	'37	'2 644	'102 347	'1 835	'3 478	'59 379	'202 882	'107 336	'309 867	7 763
33351	Metalworking machinery manufacturing	1	'202	'37	'2 644	'102 347	'1 835	'3 478	'59 379	'202 882	'107 336	'309 867	7 763
333511	Industrial mold manufacturing	—	70	10	961	37 330	751	1 496	26 123	71 770	34 934	107 100	2 658
333514	Special die and tool, die set, jig, and fixture manufacturing	2	70	8	641	25 058	421	831	12 985	50 786	18 240	68 953	1 364
333515	Cutting tool and machine tool accessory manufacturing...	1	44	12	690	26 063	437	713	13 115	57 111	30 254	86 919	2 607
333518	Other metalworking machinery manufacturing ..	—	9	3	126	5 361	63	121	1 899	10 059	11 453	21 212	674
3336	Engine, turbine, and power transmission equipment manufacturing	1	37	13	766	31 801	410	769	12 884	69 519	83 165	157 099	3 386
33361	Engine, turbine, and power transmission equipment manufacturing	1	37	13	766	31 801	410	769	12 884	69 519	83 165	157 099	3 386
333611	Turbine and turbine generator set units manufacturing	—	6	2	190	7 900	55	119	1 999	12 322	17 515	30 345	329
333612	Speed changer, industrial high-speed drive, and gear manufacturing	—	5	3	190	6 296	122	268	3 378	13 010	6 855	19 253	507
333618	Other engine equipment manufacturing	1	22	7	327	15 504	204	326	6 731	38 603	52 406	95 549	D
3339	Other general purpose machinery manufacturing	3	'246	74	'6 576	'260 456	'3 802	'7 278	'116 654	'597 068	'472 726	'1 069 645	'20 094
33391	Pump and compressor manufacturing	6	'40	10	'672	'29 571	'359	'728	'12 366	'83 127	'75 057	'156 765	'2 836
333911	Pump and pumping equipment manufacturing ..	6	'21	8	'514	'22 806	'270	'574	'9 329	'63 788	'59 522	'123 463	'2 490
333912	Air and gas compressor manufacturing	6	18	2	c	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	2	67	16	1 639	68 507	854	1 642	26 432	155 096	153 106	308 216	4 955
333921	Elevator and moving stairway manufacturing	1	13	4	318	10 966	213	445	6 312	23 454	13 486	36 871	1 334
333922	Conveyor and conveying equipment manufacturing ..	4	22	5	651	29 693	286	556	8 495	60 990	44 299	105 668	1 873
333923	Overhead travelling crane, hoist, and monorail system manufacturing	3	19	5	264	9 633	178	326	4 706	18 174	18 369	36 032	394
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	13	2	406	18 215	177	315	6 919	52 478	76 952	129 645	1 354
33399	All other general purpose machinery manufacturing	2	139	48	4 265	162 378	2 589	4 908	77 856	358 845	244 563	604 664	12 303
333992	Welding and soldering equipment manufacturing ..	1	12	5	439	16 626	264	452	6 492	40 296	21 234	59 141	994
333993	Packaging machinery manufacturing	1	33	16	872	39 234	447	922	17 015	67 000	51 131	119 307	2 886
333995	Fluid power cylinder and actuator manufacturing	—	4	1	117	4 469	88	61	2 819	7 663	6 616	14 784	176
333996	Fluid power pump and motor manufacturing	1	9	4	393	13 153	276	581	7 069	30 869	25 161	55 757	781
333997	Scale and balance (except laboratory) manufacturing ..	2	7	1	156	5 248	63	107	1 340	12 410	6 067	18 475	108
333999	All other miscellaneous general purpose machinery manufacturing	3	67	21	2 262	82 793	1 438	2 767	42 756	197 859	132 853	332 825	7 325
334	Computer and electronic product manufacturing	—	700	249	55 250	2 923 711	20 712	39 659	650 561	7 857 850	5 006 880	12 939 131	371 690
3341	Computer and peripheral equipment manufacturing	4	68	18	2 003	113 768	598	1 208	21 349	228 758	228 803	460 524	17 003
33411	Computer and peripheral equipment manufacturing	4	68	18	2 003	113 768	598	1 208	21 349	228 758	228 803	460 524	17 003
334111	Electronic computer manufacturing	3	26	7	1 056	65 468	171	342	6 766	117 564	129 376	245 458	8 979
334112	Computer storage device manufacturing	9	5	1	c	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	3	32	10	787	39 343	381	782	13 140	83 901	77 569	165 915	5 544

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FLORIDA—Con.													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing	—	122	41	14 947	977 079	4 115	7 225	130 305	2 777 606	1 796 303	4 603 232	87 705
33421	Telephone apparatus manufacturing	—	28	11	5 806	521 714	511	963	13 133	852 011	204 538	1 088 324	23 806
334210	Telephone apparatus manufacturing	—	28	11	5 806	521 714	511	963	13 133	852 011	204 538	1 088 324	23 806
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	56	20	7 596	398 583	3 068	5 207	100 638	1 796 564	1 498 064	3 294 236	56 586
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	56	20	7 596	398 583	3 068	5 207	100 638	1 796 564	1 498 064	3 294 236	56 586
33429	Other communications equipment manufacturing	2	38	10	1 545	56 782	536	1 055	16 534	129 031	93 701	220 672	7 313
334290	Other communications equipment manufacturing ..	2	38	10	1 545	56 782	536	1 055	16 534	129 031	93 701	220 672	7 313
3343	Audio and video equipment manufacturing	1	31	7	693	27 664	327	688	8 159	101 364	71 402	173 504	1 793
33431	Audio and video equipment manufacturing	1	31	7	693	27 664	327	688	8 159	101 364	71 402	173 504	1 793
334310	Audio and video equipment manufacturing	1	31	7	693	27 664	327	688	8 159	101 364	71 402	173 504	1 793
3344	Semiconductor and other electronic component manufacturing	—	200	95	15 171	611 859	8 652	17 105	256 346	1 570 008	1 363 340	2 952 868	124 190
33441	Semiconductor and other electronic component manufacturing	—	200	95	15 171	611 859	8 652	17 105	256 346	1 570 008	1 363 340	2 952 868	124 190
334412	Bare printed circuit board manufacturing	—	31	10	2 097	75 165	1 421	2 602	38 069	155 412	155 085	311 621	9 547
334413	Semiconductor and related device manufacturing	—	29	15	3 928	234 882	1 663	3 339	77 146	748 104	206 281	957 421	70 957
334414	Electronic capacitor manufacturing	—	5	3	452	12 469	364	769	7 188	18 106	19 770	39 098	D
334415	Electronic resistor manufacturing	—	4	2	124	3 712	91	158	1 997	5 554	1 684	7 224	90
334416	Electronic coil, transformer, and other inductor manufacturing	3	17	6	442	10 812	369	745	6 889	20 877	13 156	34 081	279
334417	Electronic connector manufacturing	—	14	9	615	19 534	460	833	11 941	41 251	19 791	61 680	3 045
334418	Printed circuit assembly (electronic assembly) manufacturing	—	32	23	4 142	154 612	2 342	5 032	72 461	335 389	711 884	1 063 539	19 177
334419	Other electronic component manufacturing	—	63	26	3 323	98 401	1 909	3 555	39 156	238 326	227 318	462 840	18 934
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	237	79	21 555	1 163 684	6 397	12 012	216 934	3 122 032	1 510 188	4 654 181	139 198
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	237	79	21 555	1 163 684	6 397	12 012	216 934	3 122 032	1 510 188	4 654 181	139 198
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	3	31	13	1 604	64 274	938	1 921	25 000	131 818	132 231	265 936	6 026
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	60	26	16 034	943 794	3 382	6 366	135 437	2 501 207	1 055 271	3 565 545	117 681
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	5	14	1	137	4 498	72	156	2 303	11 100	6 207	17 222	269
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	1	24	9	553	21 911	283	548	7 928	53 279	33 719	87 542	1 831
334514	Totalizing fluid meter and counting device manufacturing	—	9	4	374	13 458	206	296	5 573	43 760	58 938	101 385	3 540
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	3	27	7	557	30 298	203	433	7 125	48 366	18 571	72 980	1 225
334516	Analytical laboratory instrument manufacturing ..	—	24	9	1 092	48 057	583	1 022	19 703	243 375	144 374	391 495	D
334519	Other measuring and controlling device manufacturing	1	35	9	1 125	33 906	684	1 170	12 673	79 558	53 699	135 251	2 318
3346	Manufacturing and reproducing magnetic and optical media	2	42	9	881	29 657	623	1 421	17 468	58 082	36 844	94 822	1 801
33461	Manufacturing and reproducing magnetic and optical media ...	2	42	9	881	29 657	623	1 421	17 468	58 082	36 844	94 822	1 801
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	27	7	792	26 196	557	1 280	15 380	49 547	26 120	75 604	D

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FLORIDA—Con.													
335	Electrical equipment, appliance, and component manufacturing	2	'257	82	'9 375	'314 492	'6 338	'12 469	'161 843	'734 263	'714 300	'1 447 737	42 154
3351	Electric lighting equipment manufacturing	3	55	13	g	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	3	54	13	1 519	39 596	1 179	2 346	24 973	88 753	45 605	133 138	1 838
335121	Residential electric lighting fixture manufacturing	3	30	8	1 086	27 924	871	1 730	18 084	64 704	31 163	94 778	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	7	15	2	146	4 246	109	220	2 685	9 671	6 968	16 648	209
335129	Other lighting equipment manufacturing	—	9	3	287	7 426	199	396	4 204	14 378	7 474	21 712	D
3353	Electrical equipment manufacturing	2	84	28	2 968	111 485	1 786	3 505	48 174	251 205	224 421	475 290	12 216
33531	Electrical equipment manufacturing	2	84	28	2 968	111 485	1 786	3 505	48 174	251 205	224 421	475 290	12 216
335311	Power, distribution, and specialty transformer manufacturing	7	10	4	671	18 228	451	884	9 214	49 917	27 953	78 169	1 126
335312	Motor and generator manufacturing	7	12	4	223	7 589	162	329	5 350	16 652	11 161	26 971	831
335313	Switchgear and switchboard apparatus manufacturing ..	—	15	5	830	34 405	479	957	14 847	65 758	96 798	162 212	1 745
335314	Relay and industrial control manufacturing	1	47	15	1 244	51 263	694	1 335	18 763	118 878	88 509	207 938	8 514
3359	Other electrical equipment and component manufacturing	1	'110	41	'4 855	'162 406	'3 348	'6 578	'88 103	'391 378	'441 656	'833 771	27 802
33591	Battery manufacturing	—	7	3	542	19 677	401	922	12 622	64 066	106 671	172 761	D
335911	Storage battery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	2	2	1	c	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	1	'21	9	g	D	D	D	D	D	D	D	2 532
335929	Other communication and energy wire manufacturing ..	—	'13	9	'996	'32 823	'701	'1 363	'16 975	'54 375	'83 149	'138 662	2 343
33593	Wiring device manufacturing ...	—	31	11	g	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	1	25	9	1 698	51 856	1 134	1 997	26 767	135 488	117 623	252 300	18 743
335932	Noncurrent-carrying wiring device manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	3	51	18	g	D	D	D	D	D	D	D	2 916
335999	All other miscellaneous electrical equipment and component manufacturing ..	3	50	18	1 232	46 604	796	1 711	23 215	108 780	82 017	188 204	D
336	Transportation equipment manufacturing	2	'716	'189	'31 633	'1 119 536	'21 845	'43 566	'640 300	'2 718 233	'2 649 029	'5 368 411	'132 848
3361	Motor vehicle manufacturing	2	12	1	c	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	2	88	30	3 667	112 163	2 751	5 423	68 887	226 907	357 666	576 379	6 864
33621	Motor vehicle body and trailer manufacturing	2	88	30	3 667	112 163	2 751	5 423	68 887	226 907	357 666	576 379	6 864
336211	Motor vehicle body manufacturing	—	21	9	2 101	68 772	1 509	2 989	39 746	150 806	178 018	319 142	3 139
336212	Truck trailer manufacturing ..	—	11	3	c	D	D	D	D	D	D	D	D
336213	Motor home manufacturing ..	8	3	2	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	2	53	16	1 075	29 220	841	1 679	19 428	60 585	82 144	142 924	2 296
3363	Motor vehicle parts manufacturing	2	180	41	6 163	171 791	4 903	9 176	105 057	397 397	423 807	841 593	38 907
33631	Motor vehicle gasoline engine and engine parts manufacturing	5	38	6	561	22 922	456	510	12 923	59 940	59 144	118 068	D
336312	Gasoline engine and engine parts manufacturing	4	33	5	510	21 112	414	425	11 492	55 761	56 339	111 089	2 123
33632	Motor vehicle electrical and electronic equipment manufacturing	1	36	10	g	D	D	D	D	D	D	D	D
336321	Vehicular lighting equipment manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	1	34	9	1 615	36 679	1 280	2 121	21 258	118 803	65 848	182 822	3 762
33634	Motor vehicle brake system manufacturing	—	10	2	598	18 125	526	1 147	12 599	17 750	71 669	113 558	D
336340	Motor vehicle brake system manufacturing	—	10	2	598	18 125	526	1 147	12 599	17 750	71 669	113 558	D
33635	Motor vehicle transmission and power train parts manufacturing	4	13	1	128	5 190	105	199	3 737	12 250	9 642	22 044	566
336350	Motor vehicle transmission and power train parts manufacturing	4	13	1	128	5 190	105	199	3 737	12 250	9 642	22 044	566

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
FLORIDA—Con.													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33636	Motor vehicle seating and interior trim manufacturing	3	18	3	346	8 136	304	629	6 313	14 395	21 465	36 337	469
336360	Motor vehicle seating and interior trim manufacturing . .	3	18	3	346	8 136	304	629	6 313	14 395	21 465	36 337	469
33637	Motor vehicle metal stamping . .	—	11	6	983	24 447	849	1 468	16 827	47 214	44 790	90 277	2 934
336370	Motor vehicle metal stamping	—	11	6	983	24 447	849	1 468	16 827	47 214	44 790	90 277	2 934
33639	Other motor vehicle parts manufacturing	2	47	13	1 800	51 333	1 327	2 981	29 205	112 167	143 651	255 967	16 664
336399	All other motor vehicle parts manufacturing	1	38	11	1 707	47 267	1 250	2 849	26 349	104 771	137 634	242 744	16 309
3364	Aerospace product and parts manufacturing	2	96	36	7 900	401 221	3 698	7 723	155 450	999 574	724 191	1 714 530	48 325
33641	Aerospace product and parts manufacturing	2	96	36	7 900	401 221	3 698	7 723	155 450	999 574	724 191	1 714 530	48 325
336411	Aircraft manufacturing	1	21	7	3 302	168 492	1 135	2 205	51 672	554 801	361 984	903 195	19 685
336412	Aircraft engine and engine parts manufacturing	5	27	15	g	D	D	D	D	D	D	D	8 450
336413	Other aircraft parts and auxiliary equipment manufacturing	—	46	13	1 971	79 964	1 300	2 363	44 764	169 900	142 846	334 231	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	1	'306	'77	'13 096	'409 343	'9 846	'20 127	'294 701	'1 019 648	'1 051 554	'2 071 202	'33 979
33661	Ship and boat building	1	'306	'77	'13 096	'409 343	'9 846	'20 127	'294 701	'1 019 648	'1 051 554	'2 071 202	'33 979
336611	Ship building and repairing . .	'2	'70	'16	'2 610	'103 166	'2 172	'4 223	'80 307	'189 413	'120 514	'309 927	'5 768
336612	Boat building	1	236	61	10 486	306 177	7 674	15 904	214 394	830 235	931 040	1 761 275	28 211
3369	Other transportation equipment manufacturing	4	32	3	515	15 903	400	728	9 502	47 082	28 350	75 414	D
33699	Other transportation equipment manufacturing	4	32	3	515	15 903	400	728	9 502	47 082	28 350	75 414	D
336992	Military armored vehicle, tank, and tank component manufacturing	9	1	1	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing . .	2	17	2	347	11 145	271	506	6 674	32 137	16 769	48 888	2 039
337	Furniture and related product manufacturing	2	1 486	182	17 975	499 237	13 744	26 197	310 153	1 115 484	927 233	2 041 266	37 758
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	1 181	110	10 831	294 226	8 431	16 054	190 815	640 971	479 782	1 121 880	21 300
33711	Wood kitchen cabinet and countertop manufacturing	3	719	60	5 494	152 326	4 172	7 977	98 632	298 944	207 099	509 781	11 606
337110	Wood kitchen cabinet and countertop manufacturing . .	3	719	60	5 494	152 326	4 172	7 977	98 632	298 944	207 099	509 781	11 606
33712	Household and institutional furniture manufacturing	3	462	50	5 337	141 900	4 259	8 077	92 183	342 027	272 683	612 099	9 694
337121	Upholstered household furniture manufacturing	2	108	13	1 143	27 689	944	1 660	20 331	69 467	71 426	139 881	1 888
337122	Nonupholstered wood household furniture manufacturing	5	252	15	1 783	41 693	1 476	2 846	30 448	93 504	77 405	170 376	4 409
337124	Metal household furniture manufacturing	—	30	8	1 056	27 460	882	1 840	19 467	67 930	42 625	109 949	914
337125	Household furniture (except wood and metal) manufacturing	2	25	3	316	7 098	273	444	4 874	17 022	21 332	38 341	321
337127	Institutional furniture manufacturing	6	37	11	1 018	37 477	664	1 249	16 646	93 233	59 123	151 909	2 135
3372	Office furniture (including fixtures) manufacturing	2	181	41	3 686	104 952	2 776	5 375	65 794	202 324	162 775	362 554	6 927
33721	Office furniture (including fixtures) manufacturing	2	181	41	3 686	104 952	2 776	5 375	65 794	202 324	162 775	362 554	6 927
337211	Wood office furniture manufacturing	5	28	5	380	9 590	257	519	5 745	18 360	12 169	30 275	702
337212	Custom architectural woodwork and millwork manufacturing	1	71	16	895	28 693	597	1 171	14 967	62 461	33 857	95 904	1 702
337214	Office furniture (except wood) manufacturing	3	15	4	400	11 654	318	650	8 415	24 212	40 541	64 937	600
337215	Showcase, partition, shelving, and locker manufacturing	1	67	16	2 011	55 015	1 604	3 035	36 667	97 291	76 208	171 438	3 923
3379	Other furniture related product manufacturing	2	124	31	3 458	100 059	2 537	4 768	53 544	272 189	284 676	556 832	9 531
33791	Mattress manufacturing	2	45	14	1 571	50 804	1 205	2 280	27 424	172 900	171 384	343 905	4 325
337910	Mattress manufacturing	2	45	14	1 571	50 804	1 205	2 280	27 424	172 900	171 384	343 905	4 325
33792	Blind and shade manufacturing	1	79	17	1 887	49 255	1 332	2 488	26 120	99 289	113 292	212 927	5 206
337920	Blind and shade manufacturing	1	79	17	1 887	49 255	1 332	2 488	26 120	99 289	113 292	212 927	5 206

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
FLORIDA—Con.													
339	Miscellaneous manufacturing	2	'1 875	248	'35 574	'1 303 801	'20 977	'39 194	'550 311	'3 875 732	'1 571 703	'5 430 145	'224 551
3391	Medical equipment and supplies manufacturing	'2	'811	'110	'22 884	'919 481	'12 225	'23 142	'346 837	'2 947 069	'920 276	'3 847 662	'163 543
33911	Medical equipment and supplies manufacturing	'2	'811	'110	'22 884	'919 481	'12 225	'23 142	'346 837	'2 947 069	'920 276	'3 847 662	'163 543
339111	Laboratory apparatus and furniture manufacturing	4	14	3	228	8 929	131	289	3 574	17 793	9 530	27 815	919
339112	Surgical and medical instrument manufacturing ..	3	'76	'33	'6 685	'269 050	'4 326	'7 986	'114 804	'857 961	'302 647	'1 154 263	'71 995
339113	Surgical appliance and supplies manufacturing	—	119	30	7 386	309 871	3 020	5 615	79 647	1 069 484	310 396	1 354 037	45 224
339114	Dental equipment and supplies manufacturing	2	44	8	441	15 226	311	524	8 372	29 111	9 573	38 060	871
339115	Ophthalmic goods manufacturing	1	39	13	5 604	243 996	2 536	5 354	90 106	846 583	257 062	1 117 714	39 800
339116	Dental laboratories	4	519	23	2 540	72 409	1 901	3 374	50 334	126 137	31 068	155 773	4 734
3399	Other miscellaneous manufacturing	3	1 064	'138	'12 690	'384 320	'8 752	'16 052	'203 474	'928 663	'651 427	'1 582 483	'61 008
33991	Jewelry and silverware manufacturing	5	147	9	1 117	27 378	876	1 628	17 416	42 912	54 034	98 936	1 529
339911	Jewelry (except costume) manufacturing	6	101	5	517	13 335	369	680	7 854	22 938	41 401	64 295	841
339914	Costume jewelry and novelty manufacturing	4	29	4	532	12 084	460	876	8 597	17 093	9 805	29 036	520
33992	Sporting and athletic goods manufacturing	5	150	18	1 502	43 785	943	1 663	19 089	117 655	100 950	219 376	3 571
339920	Sporting and athletic goods manufacturing	5	150	18	1 502	43 785	943	1 663	19 089	117 655	100 950	219 376	3 571
33993	Doll, toy, and game manufacturing	6	37	2	224	6 383	144	243	3 187	14 416	10 038	24 487	513
339932	Game, toy, and children's vehicle manufacturing	6	33	2	206	5 847	131	220	2 847	13 284	9 310	22 606	D
33994	Office supplies (except paper) manufacturing	—	37	6	1 309	47 909	844	1 671	22 884	160 673	60 982	222 095	2 429
339941	Pen and mechanical pencil manufacturing	—	5	4	1 094	42 404	706	1 405	20 016	149 419	54 137	203 706	2 210
339943	Marking device manufacturing	4	27	1	148	3 845	95	180	2 040	7 264	3 576	10 966	103
33995	Sign manufacturing	4	'391	40	'3 367	'111 880	'2 181	'4 106	'56 300	'241 976	'168 177	'407 719	'15 665
339950	Sign manufacturing	4	'391	40	'3 367	'111 880	'2 181	'4 106	'56 300	'241 976	'168 177	'407 719	'15 665
33999	All other miscellaneous manufacturing	2	'302	'63	'5 171	'146 985	'3 764	'6 741	'84 598	'351 031	'257 246	'609 870	37 301
339991	Gasket, packing, and sealing device manufacturing	—	13	4	610	19 117	475	979	12 858	76 918	43 202	118 595	D
339993	Fastener, button, needle, and pin manufacturing	—	8	2	247	6 937	183	275	3 330	19 709	21 574	39 355	D
339994	Broom, brush, and mop manufacturing	1	10	2	136	3 390	106	170	1 909	10 146	5 961	16 255	122
339999	All other miscellaneous manufacturing	3	'253	'54	'4 077	'115 006	'2 917	'5 136	'64 823	'237 346	'183 876	'426 155	D

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

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

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

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

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

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	DELTONA-DAYTONA BEACH-PALM COAST, FL COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	433	88	10 237	342 806	6 989	13 184	187 685	852 905	826 312	1 672 984	71 103
323	Printing and related support activities	3	57	9	511	14 182	393	584	9 438	25 633	20 443	45 958	D
3231	Printing and related support activities	3	57	9	511	14 182	393	584	9 438	25 633	20 443	45 958	D
32311	Printing	3	57	9	511	14 182	393	584	9 438	25 633	20 443	45 958	D
323110	Commercial lithographic printing	3	29	6	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	3	14	5	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	26	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	22	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	15	3	473	14 388	372	805	9 330	41 397	25 924	66 969	1 538
326199	All other plastics product manufacturing	1	13	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	27	9	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	-	17	9	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	-	12	7	e	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	-	12	7	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	62	8	996	33 484	701	1 364	18 949	71 616	84 232	156 475	D
3323	Architectural and structural metals manufacturing	-	18	4	436	14 186	261	498	6 193	30 028	61 787	91 833	2 988
33231	Plate work and fabricated structural product manufacturing	-	8	3	392	12 632	239	461	5 680	26 205	60 500	86 724	2 957
332311	Prefabricated metal building and component manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	4	28	8	809	31 300	468	925	14 413	66 062	66 488	132 320	1 742
3339	Other general purpose machinery manufacturing	9	10	3	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ...	8	7	2	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	19	8	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	10	4	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	10	4	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	7	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	9	5	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	4	4	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
DELTONA-DAYTONA BEACH-PALM COAST, FL COMBINED STATISTICAL AREA—Con.														
336	Transportation equipment manufacturing	—	32	11	g	D	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	1	11	2	e	D	D	D	D	D	D	D	D	
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	200	
336312	Gasoline engine and engine parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	200	
3366	Ship and boat building	—	16	8	g	D	D	D	D	D	D	D	D	
33661	Ship and boat building	—	16	8	g	D	D	D	D	D	D	D	D	
336612	Boat building	—	14	8	g	D	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing	3	35	5		265	6 725	214	333	4 665	19 064	8 465	27 544	822
339	Miscellaneous manufacturing	1	55	8		1 370	50 709	968	1 991	32 580	98 426	34 473	134 256	D
3391	Medical equipment and supplies manufacturing	1	23	3	f	D	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	23	3	f	D	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	1	4	3		876	35 836	690	1 484	25 790	68 041	21 230	91 131	D
3399	Other miscellaneous manufacturing	3	32	5	e	D	D	D	D	D	D	D	D	D
Deltona-Daytona Beach-Ormond Beach, FL Metropolitan Statistical Area														
31-33	Manufacturing	1	383	73		8 609	289 091	5 760	10 609	154 393	687 362	609 463	1 294 455	63 634
323	Printing and related support activities	3	51	9		502	13 852	387	572	9 236	25 040	20 060	44 982	1 181
3231	Printing and related support activities	3	51	9		502	13 852	387	572	9 236	25 040	20 060	44 982	1 181
32311	Printing	3	51	9		502	13 852	387	572	9 236	25 040	20 060	44 982	1 181
323110	Commercial lithographic printing	3	25	6		344	9 633	273	349	6 648	16 559	13 846	30 404	870
326	Plastics and rubber products manufacturing	1	25	5		577	17 643	452	980	11 598	49 945	36 918	86 522	1 804
3261	Plastics product manufacturing ..	1	21	4		531	15 993	414	892	10 308	45 755	30 334	75 748	1 752
32619	Other plastics product manufacturing	1	15	3		473	14 388	372	805	9 330	41 397	25 924	66 969	1 538
326199	All other plastics product manufacturing	1	13	3	e	D	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	24	7		467	12 569	347	690	8 280	45 749	32 109	78 023	2 518
3273	Cement and concrete product manufacturing	—	15	7		449	12 011	332	662	7 854	44 178	31 208	75 551	2 448
332	Fabricated metal product manufacturing	—	58	8		982	32 985	691	1 344	18 624	70 624	83 819	155 070	4 375
3323	Architectural and structural metals manufacturing	—	18	4		436	14 186	261	498	6 193	30 028	61 787	91 833	2 988
33231	Plate work and fabricated structural product manufacturing	—	8	3		392	12 632	239	461	5 680	26 205	60 500	86 724	2 957
332311	Prefabricated metal building and component manufacturing	—	3	2	e	D	D	D	D	D	D	D	D	D
333	Machinery manufacturing	4	23	6		727	27 602	440	881	13 455	61 820	59 904	122 073	1 717
3339	Other general purpose machinery manufacturing	9	9	3		467	16 994	282	571	8 663	34 318	27 166	61 662	902
33399	All other general purpose machinery manufacturing	8	7	2	e	D	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	9	3	1	e	D	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DELTONA-DAYTONA BEACH-PALM COAST, FL COMBINED STATISTICAL AREA—Con.													
Deltona-Daytona Beach-Ormond Beach, FL Metropolitan Statistical Area—Con.													
334	Computer and electronic product manufacturing	—	15	6	1 506	56 882	750	1 515	20 383	111 433	136 646	244 478	3 835
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	7	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	8	4	501	13 503	370	384	8 918	31 570	19 486	50 491	D
3359	Other electrical equipment and component manufacturing	—	3	3	468	12 185	345	335	8 097	28 243	15 977	43 655	D
33593	Wiring device manufacturing...	—	1	1	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	25	7	967	32 596	702	1 085	15 366	101 673	84 928	185 436	3 533
3363	Motor vehicle parts manufacturing	1	10	2	347	11 793	265	214	3 141	36 563	20 623	56 033	326
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	200
336312	Gasoline engine and engine parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	200
3366	Ship and boat building	—	10	4	564	19 465	393	779	11 218	60 833	60 717	121 550	3 147
33661	Ship and boat building	—	10	4	564	19 465	393	779	11 218	60 833	60 717	121 550	3 147
336612	Boat building	—	9	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	32	5	260	6 590	210	326	4 580	18 793	8 199	27 007	816
339	Miscellaneous manufacturing	1	51	8	1 358	50 379	960	1 976	32 386	97 957	33 854	133 164	D
3391	Medical equipment and supplies manufacturing	1	22	3	936	37 593	727	1 547	26 753	71 843	22 628	96 323	D
33911	Medical equipment and supplies manufacturing	1	22	3	936	37 593	727	1 547	26 753	71 843	22 628	96 323	D
339112	Surgical and medical instrument manufacturing ..	1	4	3	876	35 836	690	1 484	25 790	68 041	21 230	91 131	D
3399	Other miscellaneous manufacturing	2	29	5	422	12 786	233	429	5 633	26 114	11 226	36 841	2 084
Palm Coast, FL Micropolitan Statistical Area													
31-33	Manufacturing	—	50	15	1 628	53 715	1 229	2 575	33 292	165 543	216 849	378 529	7 469
334	Computer and electronic product manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	6	4	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	6	4	f	D	D	D	D	D	D	D	D
336612	Boat building	—	5	4	f	D	D	D	D	D	D	D	3 181

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA													
31-33	Manufacturing	1	1 531	378	147 197	2 138 485	25 802	50 383	731 703	5 909 288	4 451 514	10 356 717	333 610
311	Food manufacturing	-	97	30	h	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	1	11	7	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	5	3	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	4	3	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	3	6	4	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .	3	5	4	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	46	13	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	43	11	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	18	8	1 069	33 711	916	1 659	28 195	142 517	60 363	202 845	1 175
3119	Other food manufacturing	-	15	4	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	7	5	764	20 610	307	641	6 775	34 085	336 129	367 830	D
3121	Beverage manufacturing	-	7	5	764	20 610	307	641	6 775	34 085	336 129	367 830	D
31211	Soft drink and ice manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	5	37	9	407	10 974	294	531	5 939	28 225	19 419	45 678	D
3149	Other textile product mills	4	25	8	363	9 939	256	461	5 196	26 048	14 232	38 294	D
321	Wood product manufacturing	1	66	20	g	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	2	13	8	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	2	13	8	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing	2	12	8	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	43	9	f	D	D	D	D	D	D	D	D
32191	Millwork	-	25	8	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	12	7	541	14 638	385	825	8 896	35 117	68 295	103 488	2 486
322	Paper manufacturing	-	14	4	444	17 482	320	710	10 629	41 011	76 620	117 433	D
3222	Converted paper product manufacturing	-	13	4	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	6	3	318	12 363	229	513	7 851	25 805	65 373	91 305	D
323	Printing and related support activities	2	229	41	h	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	229	41	h	D	D	D	D	D	D	D	D
32311	Printing	2	213	37	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	89	20	1 707	68 600	1 131	2 253	37 575	146 853	113 053	258 765	10 223
323113	Commercial screen printing ..	-	26	3	e	D	D	D	D	D	D	D	D
323114	Quick printing	3	64	2	255	8 216	172	295	4 368	21 396	5 998	27 396	776
325	Chemical manufacturing	2	61	11	798	36 508	461	890	16 487	196 113	305 783	501 403	9 832
3255	Paint, coating, and adhesive manufacturing	2	13	3	e	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	2	11	3	284	12 020	145	269	4 398	75 790	179 720	255 654	1 240
325510	Paint and coating manufacturing	2	11	3	284	12 020	145	269	4 398	75 790	179 720	255 654	1 240

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing	2	67	33	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	2	60	29	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	1	4	3	252	8 191	197	402	5 396	21 523	32 181	53 701	2 382
326150	Urethane and other foam product (except polystyrene) manufacturing	1	4	3	252	8 191	197	402	5 396	21 523	32 181	53 701	2 382
32616	Plastics bottle manufacturing ..	—	5	5	473	17 055	416	880	13 695	66 933	95 814	161 244	8 273
326160	Plastics bottle manufacturing	—	5	5	473	17 055	416	880	13 695	66 933	95 814	161 244	8 273
32619	Other plastics product manufacturing	4	39	15	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	3	34	13	1 177	35 818	921	1 708	23 056	84 051	68 108	156 206	4 405
3262	Rubber product manufacturing ...	3	7	4	278	7 332	157	325	4 032	22 734	21 438	44 057	708
327	Nonmetallic mineral product manufacturing	1	135	47	h	D	D	D	D	D	D	D	11 246
3272	Glass and glass product manufacturing	1	20	5	315	9 338	255	503	6 756	21 407	13 990	35 042	725
32721	Glass and glass product manufacturing	1	20	5	315	9 338	255	503	6 756	21 407	13 990	35 042	725
327215	Glass product manufacturing made of purchased glass ..	—	14	5	299	8 773	242	477	6 333	19 817	13 303	32 765	660
3273	Cement and concrete product manufacturing	1	81	36	g	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	—	39	15	f	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	—	39	15	f	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing	—	16	8	f	D	D	D	D	D	D	D	D
327331	Concrete block and brick manufacturing	—	12	4	299	11 478	199	458	7 328	36 183	21 982	58 605	1 959
32739	Other concrete product manufacturing	3	23	12	f	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	3	23	12	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	4	18	5	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	186	38	h	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	68	21	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	3	22	8	714	26 508	491	987	14 984	70 888	55 744	125 690	1 187
332312	Fabricated structural metal manufacturing	3	15	6	536	20 160	358	726	10 859	64 369	48 974	112 367	981
33232	Ornamental and architectural metal products manufacturing	—	46	13	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	10	4	852	22 846	697	1 507	15 528	44 910	74 564	120 833	D
332322	Sheet metal work manufacturing	1	20	5	390	13 273	304	542	8 593	24 443	15 014	39 996	1 890
332323	Ornamental and architectural metal work manufacturing ..	—	16	4	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	2	8	4	316	12 169	263	481	9 006	27 360	47 476	76 656	648
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	53	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	17	3	303	9 586	235	463	6 427	17 590	21 412	38 880	984
333	Machinery manufacturing	—	87	21	3 862	210 319	1 406	2 702	47 791	699 243	647 818	1 332 664	25 251
3331	Agriculture, construction, and mining machinery manufacturing	8	8	3	334	11 043	243	427	6 408	23 412	37 808	62 842	D
33312	Construction machinery manufacturing	8	4	3	312	10 672	225	413	6 184	22 599	36 522	60 743	D
333120	Construction machinery manufacturing	8	4	3	312	10 672	225	413	6 184	22 599	36 522	60 743	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA—Con.													
333	Machinery manufacturing—Con.												
3333	Commercial and service industry machinery manufacturing	—	18	4	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	18	4	g	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	—	12	2	367	18 470	189	393	6 107	40 414	23 438	63 304	883
33351	Metalworking machinery manufacturing	—	12	2	367	18 470	189	393	6 107	40 414	23 438	63 304	883
3339	Other general purpose machinery manufacturing	2	'30	7	'922	'42 149	'421	'801	'15 285	'98 911	'103 649	'202 900	'3 903
33392	Material handling equipment manufacturing	2	12	4	666	32 161	263	482	10 237	74 700	88 796	163 709	1 838
333922	Conveyor and conveying equipment manufacturing ..	8	5	2	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	4	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	98	39	13 893	998 692	3 217	6 304	118 988	2 412 192	622 304	3 045 748	129 639
3341	Computer and peripheral equipment manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	15	7	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	6	8	4	e	D	D	D	D	D	D	D	1 208
334220	Radio and television broadcasting and wireless communications equipment manufacturing	6	8	4	e	D	D	D	D	D	D	D	1 208
3344	Semiconductor and other electronic component manufacturing	—	27	12	2 381	116 242	1 248	2 709	54 820	269 133	80 581	341 772	30 035
33441	Semiconductor and other electronic component manufacturing	—	27	12	2 381	116 242	1 248	2 709	54 820	269 133	80 581	341 772	30 035
334413	Semiconductor and related device manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	10	5	883	18 443	471	943	7 855	62 871	23 319	82 761	15 600
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	36	15	6 196	392 637	1 373	2 567	48 739	1 357 977	353 127	1 702 611	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	36	15	6 196	392 637	1 373	2 567	48 739	1 357 977	353 127	1 702 611	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	3	7	5	534	27 042	303	635	11 538	45 218	37 655	80 001	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	3	i	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	30	16	1 483	57 031	969	2 005	27 423	119 077	132 149	250 406	2 921
3353	Electrical equipment manufacturing	—	12	5	764	32 272	489	985	15 522	70 681	89 109	159 147	1 452
33531	Electrical equipment manufacturing	—	12	5	764	32 272	489	985	15 522	70 681	89 109	159 147	1 452
335313	Switchgear and switchboard apparatus manufacturing ...	—	5	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3359	Other electrical equipment and component manufacturing	5	17	11	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	6	9	7	351	13 826	228	481	6 966	32 596	28 634	60 992	842
335999	All other miscellaneous electrical equipment and component manufacturing	6	9	7	351	13 826	228	481	6 966	32 596	28 634	60 992	842
336	Transportation equipment manufacturing	2	51	16	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	4	11	4	662	22 616	512	990	12 955	27 739	133 123	165 191	1 902
33621	Motor vehicle body manufacturing	4	11	4	662	22 616	512	990	12 955	27 739	133 123	165 191	1 902
336211	Motor vehicle body manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	23	9	1 504	34 945	1 143	1 859	18 645	99 931	59 834	159 393	4 458
33632	Motor vehicle electrical and electronic equipment manufacturing	—	6	3	1 100	23 347	831	1 256	11 290	76 332	42 806	118 945	1 885
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	6	3	1 100	23 347	831	1 256	11 290	76 332	42 806	118 945	1 885
3366	Ship and boat building	—	8	3	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	8	3	g	D	D	D	D	D	D	D	D
336612	Boat building	—	8	3	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	126	21	1 583	43 024	1 250	2 343	27 035	119 647	90 836	209 119	4 939
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	101	12	946	23 094	754	1 357	16 030	55 339	43 218	97 240	1 669
33711	Wood kitchen cabinet and countertop manufacturing	2	63	6	434	11 253	320	580	7 300	25 458	17 546	41 963	858
337110	Wood kitchen cabinet and countertop manufacturing	2	63	6	434	11 253	320	580	7 300	25 458	17 546	41 963	858
33712	Household and institutional furniture manufacturing	2	38	6	512	11 841	434	777	8 730	29 881	25 672	55 277	811
3379	Other furniture related product manufacturing	7	10	5	e	D	D	D	D	D	D	D	3 100
33791	Mattress manufacturing	7	7	4	380	12 295	301	566	5 711	47 105	36 706	83 675	D
337910	Mattress manufacturing	7	7	4	380	12 295	301	566	5 711	47 105	36 706	83 675	D
339	Miscellaneous manufacturing	2	190	23	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	2	66	8	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	2	66	8	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing	1	4	3	316	9 737	245	477	4 827	65 770	36 929	102 669	D
339116	Dental laboratories	3	46	3	287	7 752	230	394	5 747	15 227	4 044	19 296	734
3399	Other miscellaneous manufacturing	2	124	15	1 396	40 724	971	1 447	22 036	100 459	78 151	179 804	3 783
33995	Sign manufacturing	5	55	4	329	9 446	198	311	4 220	15 003	9 991	24 829	764
339950	Sign manufacturing	5	55	4	329	9 446	198	311	4 220	15 003	9 991	24 829	764
33999	All other miscellaneous manufacturing	1	35	9	816	24 515	604	842	13 874	69 069	57 151	127 529	2 567
339999	All other miscellaneous manufacturing	1	29	7	694	20 118	544	725	12 430	51 855	40 225	93 546	D
Orlando, FL Metropolitan Statistical Area													
31-33	Manufacturing	1	'1 506	370	'46 376	'2 114 485	'25 172	'49 029	'715 303	'5 846 339	'4 273 714	'10 115 464	'330 300
311	Food manufacturing	—	92	29	3 766	118 647	2 960	5 773	83 552	641 312	521 926	1 162 099	18 896
3114	Fruit and vegetable preserving and specialty food manufacturing	1	10	7	936	29 833	784	1 664	20 631	142 053	190 468	332 522	4 526
31141	Frozen food manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	3	5	4	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	3	5	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA—Con.												
	Orlando, FL Metropolitan Statistical Area—Con.												
311	Food manufacturing—Con.												
3115	Dairy product manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	45	13	1 433	42 380	1 148	2 094	32 416	167 334	75 500	242 464	1 861
31181	Bread and bakery product manufacturing	—	42	11	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	18	8	1 069	33 711	916	1 659	28 195	142 517	60 363	202 845	1 175
3119	Other food manufacturing	—	15	4	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	7	5	764	20 610	307	641	6 775	34 085	336 129	367 830	D
3121	Beverage manufacturing	—	7	5	764	20 610	307	641	6 775	34 085	336 129	367 830	D
31211	Soft drink and ice manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	5	37	9	407	10 974	294	531	5 939	28 225	19 419	45 678	D
3149	Other textile product mills	4	25	8	363	9 939	256	461	5 196	26 048	14 232	38 294	D
321	Wood product manufacturing	2	61	19	1 497	41 604	1 128	2 340	26 537	91 741	124 667	214 523	6 972
3212	Veneer, plywood, and engineered wood product manufacturing	2	12	8	639	18 934	481	1 019	11 495	37 046	37 694	74 762	3 936
32121	Veneer, plywood, and engineered wood product manufacturing	2	12	8	639	18 934	481	1 019	11 495	37 046	37 694	74 762	3 936
321214	Truss manufacturing	1	11	8	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	42	9	782	20 072	583	1 182	12 888	51 858	78 677	128 701	2 802
32191	Millwork	—	24	8	640	16 745	460	951	10 421	38 594	73 751	112 329	2 600
321911	Wood window and door manufacturing	—	12	7	541	14 638	385	825	8 896	35 117	68 295	103 488	2 486
322	Paper manufacturing	—	14	4	444	17 482	320	710	10 629	41 011	76 620	117 433	D
3222	Converted paper product manufacturing	—	13	4	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	6	3	318	12 363	229	513	7 851	25 805	65 373	91 305	D
323	Printing and related support activities	2	228	41	3 167	115 696	2 145	4 107	65 246	260 123	165 631	424 167	15 983
3231	Printing and related support activities	2	228	41	3 167	115 696	2 145	4 107	65 246	260 123	165 631	424 167	15 983
32311	Printing	2	212	37	2 972	108 094	2 003	3 849	60 333	247 251	162 631	408 578	15 697
323110	Commercial lithographic printing	1	89	20	1 707	68 600	1 131	2 253	37 575	146 853	113 053	258 765	10 223
323113	Commercial screen printing	—	25	3	331	9 894	249	428	5 512	17 099	10 450	27 730	747
323114	Quick printing	3	64	2	255	8 216	172	295	4 368	21 396	5 998	27 396	776
325	Chemical manufacturing	2	61	11	798	36 508	461	890	16 487	196 113	305 783	501 403	9 832
3255	Paint, coating, and adhesive manufacturing	2	13	3	e	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	2	11	3	284	12 020	145	269	4 398	75 790	179 720	255 654	1 240
325510	Paint and coating manufacturing	2	11	3	284	12 020	145	269	4 398	75 790	179 720	255 654	1 240
326	Plastics and rubber products manufacturing	2	65	31	2 538	79 955	1 976	3 886	54 384	232 981	263 811	498 641	20 169
3261	Plastics product manufacturing	2	58	27	2 260	72 623	1 819	3 561	50 352	210 247	242 373	454 584	19 461
32615	Urethane and other foam product (except polystyrene) manufacturing	1	4	3	252	8 191	197	402	5 396	21 523	32 181	53 701	2 382
326150	Urethane and other foam product (except polystyrene) manufacturing	1	4	3	252	8 191	197	402	5 396	21 523	32 181	53 701	2 382
32616	Plastics bottle manufacturing	—	5	5	473	17 055	416	880	13 695	66 933	95 814	161 244	8 273
326160	Plastics bottle manufacturing	—	5	5	473	17 055	416	880	13 695	66 933	95 814	161 244	8 273
32619	Other plastics product manufacturing	4	38	14	1 225	36 829	967	1 783	23 990	87 548	70 489	162 297	4 613
326199	All other plastics product manufacturing	3	34	13	1 177	35 818	921	1 708	23 056	84 051	68 108	156 206	4 405

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA—Con.												
	Orlando, FL Metropolitan Statistical Area—Con.												
326	Plastics and rubber products manufacturing—Con.												
3262	Rubber product manufacturing . . .	3	7	4	278	7 332	157	325	4 032	22 734	21 438	44 057	708
327	Nonmetallic mineral product manufacturing	1	130	46	2 812	92 202	2 181	4 627	63 955	285 068	207 722	493 464	11 157
3272	Glass and glass product manufacturing	1	20	5	315	9 338	255	503	6 756	21 407	13 990	35 042	725
32721	Glass and glass product manufacturing	1	20	5	315	9 338	255	503	6 756	21 407	13 990	35 042	725
327215	Glass product manufacturing made of purchased glass . .	—	14	5	299	8 773	242	477	6 333	19 817	13 303	32 765	660
3273	Cement and concrete product manufacturing	1	77	35	2 139	69 671	1 665	3 584	49 577	234 595	161 444	396 745	8 876
32732	Ready-mix concrete manufacturing	—	36	14	645	22 003	515	1 102	16 297	97 479	82 092	179 505	2 113
327320	Ready-mix concrete manufacturing	—	36	14	645	22 003	515	1 102	16 297	97 479	82 092	179 505	2 113
32733	Concrete pipe, brick, and block manufacturing	—	16	8	f	D	D	D	D	D	D	D	D
327331	Concrete block and brick manufacturing	—	12	4	299	11 478	199	458	7 328	36 183	21 982	58 605	1 959
32739	Other concrete product manufacturing	3	22	12	954	28 849	752	1 578	20 463	75 176	31 235	106 790	3 759
327390	Other concrete product manufacturing	3	22	12	954	28 849	752	1 578	20 463	75 176	31 235	106 790	3 759
3279	Other nonmetallic mineral product manufacturing	4	17	5	256	9 280	188	393	5 619	17 860	12 481	30 717	720
332	Fabricated metal product manufacturing	1	183	36	3 481	115 424	2 673	5 277	74 117	254 616	257 318	514 283	13 014
3323	Architectural and structural metals manufacturing	1	67	20	2 183	70 255	1 662	3 338	43 515	163 051	163 787	328 282	7 345
33231	Plate work and fabricated structural product manufacturing	3	22	8	714	26 508	491	987	14 984	70 888	55 744	125 690	1 187
332312	Fabricated structural metal manufacturing	3	15	6	536	20 160	358	726	10 859	64 369	48 974	112 367	981
33232	Ornamental and architectural metal products manufacturing	—	45	12	1 469	43 747	1 171	2 351	28 531	92 163	108 043	202 592	6 158
332321	Metal window and door manufacturing	—	10	4	852	22 846	697	1 507	15 528	44 910	74 564	120 833	D
332322	Sheet metal work manufacturing	1	20	5	390	13 273	304	542	8 593	24 443	15 014	39 996	1 890
3324	Boiler, tank, and shipping container manufacturing	2	8	4	316	12 169	263	481	9 006	27 360	47 476	76 656	648
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	52	2	299	11 213	216	394	7 054	22 613	13 234	35 283	1 093
3329	Other fabricated metal product manufacturing	1	17	3	303	9 586	235	463	6 427	17 590	21 412	38 880	984
333	Machinery manufacturing	—	'87	21	'3 862	'210 319	'1 406	'2 702	'47 791	'699 243	'647 818	'1 332 664	'25 251
3331	Agriculture, construction, and mining machinery manufacturing	8	8	3	334	11 043	243	427	6 408	23 412	37 808	62 842	D
33312	Construction machinery manufacturing	8	4	3	312	10 672	225	413	6 184	22 599	36 522	60 743	D
333120	Construction machinery manufacturing	8	4	3	312	10 672	225	413	6 184	22 599	36 522	60 743	D
3333	Commercial and service industry machinery manufacturing	—	18	4	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	18	4	g	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	—	12	2	367	18 470	189	393	6 107	40 414	23 438	63 304	883
33351	Metalworking machinery manufacturing	—	12	2	367	18 470	189	393	6 107	40 414	23 438	63 304	883

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA—Con.												
	Orlando, FL Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing	2	'30	7	'922	'42 149	'421	'801	'15 285	'98 911	'103 649	'202 900	'3 903
33392	Material handling equipment manufacturing	2	12	4	666	32 161	263	482	10 237	74 700	88 796	163 709	1 838
333922	Conveyor and conveying equipment manufacturing ..	8	5	2	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	4	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	98	39	13 893	998 692	3 217	6 304	118 988	2 412 192	622 304	3 045 748	129 639
3341	Computer and peripheral equipment manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	15	7	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	6	8	4	e	D	D	D	D	D	D	D	1 208
334220	Radio and television broadcasting and wireless communications equipment manufacturing	6	8	4	e	D	D	D	D	D	D	D	1 208
3344	Semiconductor and other electronic component manufacturing	—	27	12	2 381	116 242	1 248	2 709	54 820	269 133	80 581	341 772	30 035
33441	Semiconductor and other electronic component manufacturing	—	27	12	2 381	116 242	1 248	2 709	54 820	269 133	80 581	341 772	30 035
334413	Semiconductor and related device manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	10	5	883	18 443	471	943	7 855	62 871	23 319	82 761	15 600
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	36	15	6 196	392 637	1 373	2 567	48 739	1 357 977	353 127	1 702 611	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	36	15	6 196	392 637	1 373	2 567	48 739	1 357 977	353 127	1 702 611	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	3	7	5	534	27 042	303	635	11 538	45 218	37 655	80 001	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	3	i	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	30	16	1 483	57 031	969	2 005	27 423	119 077	132 149	250 406	2 921
3353	Electrical equipment manufacturing	—	12	5	764	32 272	489	985	15 522	70 681	89 109	159 147	1 452
33531	Electrical equipment manufacturing	—	12	5	764	32 272	489	985	15 522	70 681	89 109	159 147	1 452
335313	Switchgear and switchboard apparatus manufacturing ...	—	5	2	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	5	17	11	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	6	9	7	351	13 826	228	481	6 966	32 596	28 634	60 992	842
335999	All other miscellaneous electrical equipment and component manufacturing ..	6	9	7	351	13 826	228	481	6 966	32 596	28 634	60 992	842

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA—Con.													
Orlando, FL Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	2	49	16	3 300	78 155	2 021	3 707	41 882	183 213	320 549	507 719	9 440
3362	Motor vehicle body and trailer manufacturing	4	11	4	662	22 616	512	990	12 955	27 739	133 123	165 191	1 902
33621	Motor vehicle body and trailer manufacturing	4	11	4	662	22 616	512	990	12 955	27 739	133 123	165 191	1 902
336211	Motor vehicle body manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	23	9	1 504	34 945	1 143	1 859	18 645	99 931	59 834	159 393	4 458
33632	Motor vehicle electrical and electronic equipment manufacturing	—	6	3	1 100	23 347	831	1 256	11 290	76 332	42 806	118 945	1 885
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	6	3	1 100	23 347	831	1 256	11 290	76 332	42 806	118 945	1 885
3366	Ship and boat building	—	7	3	1 097	18 415	341	808	8 991	49 675	116 708	166 383	D
33661	Ship and boat building	—	7	3	1 097	18 415	341	808	8 991	49 675	116 708	166 383	D
336612	Boat building	—	7	3	1 097	18 415	341	808	8 991	49 675	116 708	166 383	D
337	Furniture and related product manufacturing	4	126	21	1 583	43 024	1 250	2 343	27 035	119 647	90 836	209 119	4 939
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	101	12	946	23 094	754	1 357	16 030	55 339	43 218	97 240	1 669
33711	Wood kitchen cabinet and countertop manufacturing	2	63	6	434	11 253	320	580	7 300	25 458	17 546	41 963	858
337110	Wood kitchen cabinet and countertop manufacturing ..	2	63	6	434	11 253	320	580	7 300	25 458	17 546	41 963	858
33712	Household and institutional furniture manufacturing	2	38	6	512	11 841	434	777	8 730	29 881	25 672	55 277	811
3379	Other furniture related product manufacturing	7	10	5	e	D	D	D	D	D	D	D	3 100
33791	Mattress manufacturing	7	7	4	380	12 295	301	566	5 711	47 105	36 706	83 675	D
337910	Mattress manufacturing	7	7	4	380	12 295	301	566	5 711	47 105	36 706	83 675	D
339	Miscellaneous manufacturing	2	189	23	2 217	66 500	1 586	2 621	36 202	208 543	129 573	339 607	8 386
3391	Medical equipment and supplies manufacturing	2	65	8	821	25 776	615	1 174	14 166	108 084	51 422	159 803	4 603
33911	Medical equipment and supplies manufacturing	2	65	8	821	25 776	615	1 174	14 166	108 084	51 422	159 803	4 603
339112	Surgical and medical instrument manufacturing ..	1	4	3	316	9 737	245	477	4 827	65 770	36 929	102 669	D
339116	Dental laboratories	3	46	3	287	7 752	230	394	5 747	15 227	4 044	19 296	734
3399	Other miscellaneous manufacturing	2	124	15	1 396	40 724	971	1 447	22 036	100 459	78 151	179 804	3 783
33995	Sign manufacturing	5	55	4	329	9 446	198	311	4 220	15 003	9 991	24 829	764
339950	Sign manufacturing	5	55	4	329	9 446	198	311	4 220	15 003	9 991	24 829	764
33999	All other miscellaneous manufacturing	1	35	9	816	24 515	604	842	13 874	69 069	57 151	127 529	2 567
339999	All other miscellaneous manufacturing	1	29	7	694	20 118	544	725	12 430	51 855	40 225	93 546	D
The Villages, FL Micropolitan Statistical Area													
31-33	Manufacturing	—	25	8	821	24 000	630	1 354	16 400	62 949	177 800	241 253	3 310
332	Fabricated metal product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CAPE CORAL-FORT MYERS, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	403	72	6 726	198 273	4 963	9 681	124 646	582 985	403 185	986 100	29 088
311	Food manufacturing	1	17	4	467	11 349	424	776	9 374	115 697	36 280	151 950	2 626
3114	Fruit and vegetable preserving and specialty food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	11	5	856	24 066	655	1 273	14 839	56 917	62 469	119 386	4 524
3212	Veneer, plywood, and engineered wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	4	65	6	432	13 034	276	502	7 677	24 253	14 925	39 186	791
3231	Printing and related support activities	4	65	6	432	13 034	276	502	7 677	24 253	14 925	39 186	791
32311	Printing	5	61	6	408	12 289	262	483	7 215	22 867	13 876	36 751	D
327	Nonmetallic mineral product manufacturing	1	41	14	1 010	35 090	826	1 767	25 665	112 319	69 712	180 838	9 754
3273	Cement and concrete product manufacturing	1	29	14	950	33 461	776	1 663	24 404	108 517	67 504	174 799	9 618
32732	Ready-mix concrete manufacturing	2	10	6	284	10 628	241	535	8 510	39 197	33 487	72 301	D
327320	Ready-mix concrete manufacturing	2	10	6	284	10 628	241	535	8 510	39 197	33 487	72 301	D
32739	Other concrete product manufacturing	1	10	5	454	14 355	368	766	9 971	33 669	17 436	49 937	1 923
327390	Other concrete product manufacturing	1	10	5	454	14 355	368	766	9 971	33 669	17 436	49 937	1 923
332	Fabricated metal product manufacturing	3	45	7	535	13 956	328	646	7 551	31 470	28 749	60 010	985
3323	Architectural and structural metals manufacturing	3	26	4	367	9 871	226	445	4 721	24 542	19 893	44 362	748
33231	Plate work and fabricated structural product manufacturing	3	9	3	264	6 870	157	319	2 982	18 386	14 940	33 313	544
333	Machinery manufacturing	3	'22	'9	'885	'31 392	'679	'1 289	'21 239	'86 835	'52 129	'141 260	3 311
3339	Other general purpose machinery manufacturing	3	10	6	687	24 065	531	1 045	16 488	72 384	43 997	118 589	2 995
33399	All other general purpose machinery manufacturing	3	7	5	634	22 391	498	981	15 669	68 450	40 845	111 503	D
333999	All other miscellaneous general purpose machinery manufacturing	3	6	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	14	3	280	8 532	217	434	4 591	12 659	12 838	25 470	261
337	Furniture and related product manufacturing	1	46	5	509	12 621	386	805	7 910	25 568	17 203	42 756	1 598
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	41	5	489	12 140	370	786	7 639	24 631	16 584	41 200	1 582
33711	Wood kitchen cabinet and countertop manufacturing	1	32	5	464	11 470	349	745	7 131	23 381	15 428	38 794	1 545
337110	Wood kitchen cabinet and countertop manufacturing ..	1	32	5	464	11 470	349	745	7 131	23 381	15 428	38 794	1 545
339	Miscellaneous manufacturing	1	'64	'7	'851	'18 540	'544	'1 007	'10 119	'45 837	'30 211	'74 190	3 000
3391	Medical equipment and supplies manufacturing	1	28	3	565	10 772	351	681	5 962	26 570	15 907	40 306	2 081
33911	Medical equipment and supplies manufacturing	1	28	3	565	10 772	351	681	5 962	26 570	15 907	40 306	2 081
339112	Surgical and medical instrument manufacturing ..	—	5	2	476	8 209	279	554	4 093	22 192	14 761	34 782	D
3399	Other miscellaneous manufacturing	2	'36	'4	'286	'7 768	'193	'326	'4 157	'19 267	'14 304	'33 884	919

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CLEWISTON, FL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	15	4	756	30 841	641	1 476	24 469	98 182	206 047	338 955	13 369
311	Food manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311312	Cane sugar refining	-	1	1	e	D	D	D	D	D	D	D	D
FORT WALTON BEACH-CRESTVIEW-DESTIN, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	125	19	2 338	86 251	1 505	3 101	41 414	203 117	110 221	313 588	8 951
334	Computer and electronic product manufacturing	7	7	3	557	29 415	178	342	6 958	60 491	27 161	88 168	4 006
3345	Navigational, measuring, electromedical, and control instruments manufacturing	8	4	2	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	8	4	2	e	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	8	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	9	3	589	20 303	422	883	10 244	42 968	21 424	64 979	1 880
3364	Aerospace product and parts manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
GAINESVILLE, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	161	36	4 025	138 151	2 963	5 753	84 123	410 034	455 710	865 796	25 423
321	Wood product manufacturing	-	11	7	752	23 467	680	1 402	19 318	47 302	78 121	123 244	992
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	19	4	286	6 422	192	251	3 922	12 880	8 341	21 246	478
3231	Printing and related support activities	3	19	4	286	6 422	192	251	3 922	12 880	8 341	21 246	478
32311	Printing	3	19	4	286	6 422	192	251	3 922	12 880	8 341	21 246	478
327	Nonmetallic mineral product manufacturing	2	14	6	332	11 541	259	557	7 965	59 297	31 715	91 431	5 181
3273	Cement and concrete product manufacturing	1	9	6	308	10 773	237	518	7 348	53 747	24 751	78 999	4 768
333	Machinery manufacturing	-	8	4	359	14 023	245	426	7 862	21 678	44 711	69 884	D
335	Electrical equipment, appliance, and component manufacturing	-	5	2	307	10 723	225	446	7 038	36 381	68 398	107 565	D
3359	Other electrical equipment and component manufacturing	-	5	2	307	10 723	225	446	7 038	36 381	68 398	107 565	D
336	Transportation equipment manufacturing	-	6	2	e	D	D	D	D	D	D	D	73
3366	Ship and boat building	-	3	1	e	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	3	1	e	D	D	D	D	D	D	D	D
336612	Boat building	-	3	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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GAINESVILLE, FL METROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	2	35	4	637	24 085	321	582	6 855	78 199	44 291	122 371	7 501
3391	Medical equipment and supplies manufacturing	—	19	3	396	17 800	187	384	5 136	65 235	35 339	100 243	7 167
33911	Medical equipment and supplies manufacturing	—	19	3	396	17 800	187	384	5 136	65 235	35 339	100 243	7 167
HOMOSASSA SPRINGS, FL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	8	62	4	546	15 559	356	697	10 133	26 709	47 082	73 721	1 537
336	Transportation equipment manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	9	3	1	e	D	D	D	D	D	D	D	D
33661	Ship and boat building	9	3	1	e	D	D	D	D	D	D	D	D
336612	Boat building	9	3	1	e	D	D	D	D	D	D	D	D
JACKSONVILLE, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	894	259	'32 231	'1 280 563	'22 233	'45 234	'713 455	'4 671 283	'3 687 854	'8 356 067	252 638
311	Food manufacturing	3	51	18	4 068	126 155	2 774	5 305	69 587	396 488	431 846	830 143	34 259
3113	Sugar and confectionery product manufacturing	7	12	4	e	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	7	11	3	322	11 640	205	389	5 743	28 692	17 130	44 367	509
311330	Confectionery manufacturing from purchased chocolate	7	11	3	322	11 640	205	389	5 743	28 692	17 130	44 367	509
3116	Animal slaughtering and processing	8	6	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	6	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	15	3	1 019	36 792	338	464	11 798	67 411	43 787	111 203	1 926
31181	Bread and bakery product manufacturing	—	15	3	1 019	36 792	338	464	11 798	67 411	43 787	111 203	1 926
311812	Commercial bakeries	—	6	3	976	36 177	314	433	11 493	66 042	43 105	109 153	1 855
3119	Other food manufacturing	1	9	3	689	29 346	473	1 019	18 193	169 101	178 976	352 130	21 759
31192	Coffee and tea manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	11	8	2 725	117 253	1 823	3 805	67 785	1 031 473	625 031	1 646 234	43 483
3121	Beverage manufacturing	—	10	7	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	7	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	3	3	f	D	D	D	D	D	D	D	D
31212	Breweries	—	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	1	1	f	D	D	D	D	D	D	D	D
31214	Distilleries	—	1	1	e	D	D	D	D	D	D	D	D
312140	Distilleries	—	1	1	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
314	Textile product mills	6	26	4	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	19	4	659	11 749	558	1 045	7 836	22 157	51 999	78 121	D
3152	Cut and sew apparel manufacturing	—	14	4	645	11 372	546	1 025	7 599	21 594	51 331	76 894	D
31523	Women's and girls' cut and sew apparel manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	'29	'11	'750	'23 732	'587	'1 279	'15 060	'79 644	'98 046	'174 399	2 798
3211	Sawmills and wood preservation	—	8	4	342	11 598	287	635	8 406	47 092	53 533	98 383	2 342
32111	Sawmills and wood preservation	—	8	4	342	11 598	287	635	8 406	47 092	53 533	98 383	2 342
321113	Sawmills	—	5	2	255	8 724	228	506	7 162	39 668	25 147	62 991	D

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JACKSONVILLE, FL METROPOLITAN STATISTICAL AREA—Con.													
322	Paper manufacturing	-	22	18	2 675	128 572	2 090	4 299	88 427	466 693	487 365	956 088	23 525
3221	Pulp, paper, and paperboard mills	-	3	3	g	D	D	D	D	D	D	D	D
32211	Pulp mills	-	1	1	e	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	e	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	2	2	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	2	2	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	19	15	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	11	10	f	D	D	D	D	D	D	D	6 045
322211	Corrugated and solid fiber box manufacturing	1	6	5	422	16 691	307	589	10 049	37 487	89 770	128 260	3 673
322212	Folding paperboard box manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
322232	Envelope manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	140	27	1 918	61 808	1 320	2 514	37 697	150 401	118 422	268 615	13 528
3231	Printing and related support activities	2	140	27	1 918	61 808	1 320	2 514	37 697	150 401	118 422	268 615	13 528
32311	Printing	2	129	24	1 776	57 320	1 202	2 274	34 626	142 807	116 288	258 787	D
323110	Commercial lithographic printing	3	54	13	939	31 206	594	1 212	18 767	80 101	53 465	133 910	8 418
324	Petroleum and coal products manufacturing	2	7	4	285	12 178	198	454	6 026	53 193	72 583	123 119	12 438
3241	Petroleum and coal products manufacturing	2	7	4	285	12 178	198	454	6 026	53 193	72 583	123 119	12 438
325	Chemical manufacturing	-	42	12	986	56 756	524	1 106	24 677	313 011	380 407	672 563	16 061
3251	Basic chemical manufacturing	-	8	3	355	24 938	209	477	12 820	84 380	77 152	164 699	7 795
32519	Other basic organic chemical manufacturing	-	4	3	337	23 996	200	456	12 420	80 149	75 211	158 518	D
325199	All other basic organic chemical manufacturing	-	4	3	337	23 996	200	456	12 420	80 149	75 211	158 518	D
3259	Other chemical product and preparation manufacturing	-	11	4	265	12 424	151	310	6 566	62 414	49 219	112 356	2 098
326	Plastics and rubber products manufacturing	3	35	12	955	35 985	716	1 496	22 563	110 396	117 073	227 693	5 858
3261	Plastics product manufacturing	3	31	10	882	33 480	674	1 413	21 389	105 951	110 458	216 672	5 518
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	4	3	259	11 502	188	426	7 042	27 836	34 720	61 853	1 952
32619	Other plastics product manufacturing	2	16	2	282	11 459	203	427	6 464	34 499	17 207	51 669	1 709
326199	All other plastics product manufacturing	2	16	2	282	11 459	203	427	6 464	34 499	17 207	51 669	1 709
327	Nonmetallic mineral product manufacturing	-	59	23	1 983	75 458	1 537	3 436	55 054	253 528	194 276	452 941	15 262
3273	Cement and concrete product manufacturing	1	41	17	1 112	35 509	831	1 839	24 986	124 816	70 815	200 708	6 828
32732	Ready-mix concrete manufacturing	2	21	7	378	12 441	281	626	8 651	52 244	29 057	81 197	3 172
327320	Ready-mix concrete manufacturing	2	21	7	378	12 441	281	626	8 651	52 244	29 057	81 197	3 172
32739	Other concrete product manufacturing	-	13	6	579	17 797	423	914	12 400	42 197	31 818	79 011	3 438
327390	Other concrete product manufacturing	-	13	6	579	17 797	423	914	12 400	42 197	31 818	79 011	3 438
3274	Lime and gypsum product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JACKSONVILLE, FL METROPOLITAN STATISTICAL AREA—Con.													
331	Primary metal manufacturing	1	14	8	1 100	47 307	900	1 968	34 268	158 357	244 288	408 774	8 895
3311	Iron and steel mills and ferroalloy manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	1	1	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	6	5	473	16 729	427	951	14 873	41 773	78 645	121 054	2 810
33122	Rolling and drawing of purchased steel	—	6	5	473	16 729	427	951	14 873	41 773	78 645	121 054	2 810
331222	Steel wire drawing	—	6	5	473	16 729	427	951	14 873	41 773	78 645	121 054	2 810
332	Fabricated metal product manufacturing	2	126	35	3 264	108 901	2 416	4 505	66 561	281 855	301 693	591 349	13 506
3323	Architectural and structural metals manufacturing	3	48	17	1 780	55 377	1 300	2 372	30 900	133 089	125 812	266 689	5 309
33231	Plate work and fabricated structural product manufacturing	1	19	5	453	17 061	309	529	10 181	22 914	50 561	75 707	2 213
332312	Fabricated structural metal manufacturing	1	13	4	408	14 940	277	456	8 983	18 675	48 073	67 653	2 019
33232	Ornamental and architectural metal products manufacturing	4	29	12	1 327	38 316	991	1 843	20 719	110 175	75 251	190 982	3 096
332321	Metal window and door manufacturing	6	8	3	726	22 067	549	1 158	12 546	58 268	41 987	104 296	D
332322	Sheet metal work manufacturing	1	12	7	493	12 294	361	520	6 259	43 213	29 015	73 761	2 012
3324	Boiler, tank, and shipping container manufacturing	—	5	3	320	14 802	249	531	10 687	60 543	110 591	171 952	1 597
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	42	7	407	13 284	310	616	9 535	25 734	8 041	33 704	1 694
33271	Machine shops	2	39	6	369	12 226	283	561	8 725	22 941	6 316	29 095	1 606
332710	Machine shops	2	39	6	369	12 226	283	561	8 725	22 941	6 316	29 095	1 606
3329	Other fabricated metal product manufacturing	—	12	3	402	13 612	258	367	6 688	37 942	35 641	73 070	3 583
33291	Metal valve manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	4	57	18	1 340	49 182	825	1 611	25 354	146 208	110 617	257 004	8 585
3333	Commercial and service industry machinery manufacturing	—	9	2	381	14 769	262	620	8 740	17 472	37 394	56 105	D
33331	Commercial and service industry machinery manufacturing	—	9	2	381	14 769	262	620	8 740	17 472	37 394	56 105	D
333319	Other commercial and service industry machinery manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	7	6	4	270	8 248	169	263	5 294	69 878	29 835	99 593	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	7	6	4	270	8 248	169	263	5 294	69 878	29 835	99 593	D
334	Computer and electronic product manufacturing	8	21	7	676	34 148	344	682	8 557	77 869	40 520	120 495	4 644
3342	Communications equipment manufacturing	8	3	3	276	16 383	111	266	2 621	41 913	10 564	53 292	D
335	Electrical equipment, appliance, and component manufacturing	3	12	7	501	16 680	319	610	7 533	24 525	40 554	66 448	1 627
336	Transportation equipment manufacturing	1	36	9	2 526	86 765	1 897	4 270	60 787	185 102	130 724	314 511	6 112
3363	Motor vehicle parts manufacturing	—	10	1	578	14 739	443	1 050	9 345	36 603	40 766	76 070	2 187
33639	Other motor vehicle parts manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	6	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JACKSONVILLE, FL METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing—Con.												
3366	Ship and boat building	'2	'17	'5	'1 617	'63 023	1 310	2 500	46 562	'123 358	'80 219	'203 577	D
33661	Ship and boat building	'2	'17	'5	'1 617	'63 023	1 310	2 500	46 562	'123 358	'80 219	'203 577	D
336611	Ship building and repairing ..	'2	'10	'4	g	D	D	D	D	D	D	D	D
336612	Boat building	—	7	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	71	17	1 236	38 216	947	1 829	23 587	97 996	60 654	157 688	1 793
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	53	10	795	24 485	599	1 096	13 908	52 717	28 730	81 011	1 298
33712	Household and institutional furniture manufacturing	6	21	6	579	18 404	419	737	9 488	42 434	21 558	63 596	952
337127	Institutional furniture manufacturing	7	6	4	397	14 119	267	447	6 072	32 451	13 409	45 164	670
3379	Other furniture related product manufacturing	—	8	3	290	9 159	251	547	7 507	38 211	25 358	63 145	270
339	Miscellaneous manufacturing	—	111	16	4 232	240 084	2 208	4 542	86 942	801 062	167 355	974 142	39 441
3391	Medical equipment and supplies manufacturing	—	52	9	3 690	222 419	1 846	3 916	78 409	749 992	126 262	884 736	37 733
33911	Medical equipment and supplies manufacturing	—	52	9	3 690	222 419	1 846	3 916	78 409	749 992	126 262	884 736	37 733
339112	Surgical and medical instrument manufacturing ..	—	8	3	832	52 330	447	838	16 584	145 513	33 969	177 135	D
339115	Ophthalmic goods manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	3	59	7	542	17 665	362	626	8 533	51 070	41 093	89 406	1 708
KEY WEST-MARATHON, FL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	6	79	—	300	9 402	227	420	6 065	22 480	18 187	40 714	1 088
LAKE CITY, FL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	39	11	836	23 172	694	1 419	16 872	60 758	121 843	182 781	2 451
321	Wood product manufacturing	—	4	3	511	13 526	455	933	10 566	32 166	71 740	103 927	1 327
3219	Other wood product manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
LAKELAND-WINTER HAVEN, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	452	164	16 088	599 415	11 347	23 565	346 524	2 229 138	2 774 308	4 938 430	207 531
311	Food manufacturing	1	30	23	3 638	153 700	2 268	4 816	74 365	838 536	671 638	1 500 062	34 793
3114	Fruit and vegetable preserving and specialty food manufacturing	2	10	10	1 843	92 381	1 006	2 146	37 092	594 139	359 186	954 144	23 138
31141	Frozen food manufacturing	5	5	5	626	29 692	505	1 120	20 476	229 111	153 120	383 078	6 868
311411	Frozen fruit, juice, and vegetable manufacturing ...	5	5	5	626	29 692	505	1 120	20 476	229 111	153 120	383 078	6 868
31142	Fruit and vegetable canning, pickling, and drying	—	5	5	1 217	62 689	501	1 026	16 616	365 028	206 066	571 066	16 270
311421	Fruit and vegetable canning ..	—	5	5	1 217	62 689	501	1 026	16 616	365 028	206 066	571 066	16 270
3117	Seafood product preparation and packaging	—	1	1	e	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	—	1	1	e	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	—	1	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LAKELAND-WINTER HAVEN, FL METROPOLITAN STATISTICAL AREA—Con.													
312	Beverage and tobacco product manufacturing	9	6	3	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	9	6	3	e	D	D	D	D	D	D	D	D
31214	Distilleries	9	2	2	e	D	D	D	D	D	D	D	D
312140	Distilleries	9	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	30	19	1 644	46 003	1 294	2 545	29 770	79 403	142 419	223 501	3 138
3212	Veneer, plywood, and engineered wood product manufacturing	—	10	9	f	D	D	D	D	D	D	D	1 664
32121	Veneer, plywood, and engineered wood product manufacturing	—	10	9	f	D	D	D	D	D	D	D	1 664
321214	Truss manufacturing	—	9	9	564	15 666	410	830	9 652	27 013	27 721	54 785	1 664
3219	Other wood product manufacturing	1	18	9	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	6	7	5	302	6 817	258	491	5 086	12 318	14 217	26 767	621
321920	Wood container and pallet manufacturing	6	7	5	302	6 817	258	491	5 086	12 318	14 217	26 767	621
32199	All other wood product manufacturing	—	9	3	565	17 646	457	888	11 313	28 626	32 846	62 079	D
321991	Manufactured home (mobile home) manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	11	7	666	27 396	515	1 124	17 208	64 966	127 939	193 334	5 869
3222	Converted paper product manufacturing	—	10	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	7	6	615	25 550	474	1 033	16 051	60 996	122 483	183 741	D
322211	Corrugated and solid fiber box manufacturing	—	6	5	f	D	D	D	D	D	D	D	5 817
323	Printing and related support activities	2	43	3	290	8 200	206	357	5 270	23 318	11 756	36 604	1 107
3231	Printing and related support activities	2	43	3	290	8 200	206	357	5 270	23 318	11 756	36 604	1 107
32311	Printing	2	42	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	38	23	2 754	135 299	1 994	4 534	88 712	645 908	1 209 404	1 797 206	110 462
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	16	12	g	D	D	D	D	D	D	D	105 484
32531	Fertilizer manufacturing	—	15	11	g	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing	—	5	5	1 843	98 006	1 401	3 339	69 049	475 392	964 850	1 397 826	D
325314	Fertilizer (mixing only) manufacturing	5	9	6	257	10 166	139	278	4 193	21 161	74 495	94 744	D
326	Plastics and rubber products manufacturing	1	39	19	1 205	37 387	947	1 856	24 934	117 120	115 238	231 535	12 994
3261	Plastics product manufacturing ..	1	36	18	1 152	35 738	911	1 778	23 938	114 680	111 498	225 347	D
32619	Other plastics product manufacturing	1	21	8	530	15 772	398	755	9 697	43 775	48 180	91 856	4 166
326199	All other plastics product manufacturing	1	20	8	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	35	11	860	27 495	686	1 360	19 773	103 592	54 544	154 975	9 788
3273	Cement and concrete product manufacturing	—	23	8	582	19 293	454	950	13 416	73 195	39 484	110 523	9 303
32739	Other concrete product manufacturing	—	5	3	318	9 893	247	515	7 030	35 300	17 800	51 062	D
327390	Other concrete product manufacturing	—	5	3	318	9 893	247	515	7 030	35 300	17 800	51 062	D
332	Fabricated metal product manufacturing	4	76	20	1 416	48 881	1 040	2 065	29 674	102 002	93 681	197 246	3 325
3323	Architectural and structural metals manufacturing	2	31	13	893	29 333	658	1 360	17 625	62 337	60 450	124 731	1 484
33231	Plate work and fabricated structural product manufacturing	1	19	10	642	20 924	462	952	12 108	36 548	28 451	66 533	921
332313	Plate work manufacturing ..	—	7	5	286	10 058	217	445	6 625	17 885	14 006	33 327	361
33232	Ornamental and architectural metal products manufacturing	2	12	3	251	8 409	196	408	5 517	25 789	31 999	58 198	563

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LAKELAND-WINTER HAVEN, FL METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	1	33	10	858	30 853	493	993	12 054	76 470	55 106	130 546	4 889
3332	Industrial machinery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	304	6 192	262	575	4 552	13 411	19 908	33 868	68
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	304	6 192	262	575	4 552	13 411	19 908	33 868	68
333411	Air purification equipment manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	8	5	338	10 058	188	361	4 221	21 726	21 835	45 044	259
336	Transportation equipment manufacturing	—	16	4	638	17 713	446	975	8 476	32 083	71 781	102 809	D
3363	Motor vehicle parts manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	26	4	257	7 177	177	331	3 620	23 207	18 234	41 372	573
339	Miscellaneous manufacturing	5	38	6	596	20 546	406	816	10 648	50 832	35 353	88 830	2 157
3391	Medical equipment and supplies manufacturing	8	14	3	286	10 561	209	407	5 317	30 330	16 112	46 481	1 304
33911	Medical equipment and supplies manufacturing	8	14	3	286	10 561	209	407	5 317	30 330	16 112	46 481	1 304
3399	Other miscellaneous manufacturing	2	24	3	310	9 985	197	409	5 331	20 502	19 241	42 349	853
MIAMI-FORT LAUDERDALE-MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	15 522	1 948	110 729	3 417 583	1 66 199	1 127 901	1 1 736 090	10 491 030	17 945 999	118 422 854	1 482 882
311	Food manufacturing	3	479	65	8 296	257 912	5 381	10 675	158 921	916 111	955 025	1 904 135	40 405
3113	Sugar and confectionery product manufacturing	—	21	6	2 096	79 232	1 477	3 508	63 199	247 792	354 471	636 279	16 073
31131	Sugar manufacturing	—	6	5	2 022	77 442	1 429	3 417	62 080	242 788	351 618	628 409	15 934
311311	Sugarcane mills	—	6	5	2 022	77 442	1 429	3 417	62 080	242 788	351 618	628 409	15 934
3114	Fruit and vegetable preserving and specialty food manufacturing	5	21	5	264	7 513	222	468	5 203	35 023	27 488	62 578	D
3115	Dairy product manufacturing	3	21	5	536	21 713	332	711	12 384	142 243	167 549	309 453	6 136
31151	Dairy product (except frozen) manufacturing	3	8	3	434	18 511	255	554	10 125	120 050	159 658	279 369	5 583
311511	Fluid milk manufacturing	3	3	3	399	17 268	227	496	9 166	116 723	144 203	260 587	D
3116	Animal slaughtering and processing	5	30	9	825	21 295	664	1 419	14 197	42 659	120 781	163 380	2 359
31161	Animal slaughtering and processing	5	30	9	825	21 295	664	1 419	14 197	42 659	120 781	163 380	2 359
311611	Animal (except poultry) slaughtering	8	12	3	e	D	D	D	D	D	D	D	1 266
311612	Meat processed from carcasses	2	15	4	388	11 471	280	636	6 684	27 751	49 766	77 526	D
3117	Seafood product preparation and packaging	7	12	5	534	12 056	376	665	7 105	54 046	77 327	131 402	D
31171	Seafood product preparation and packaging	7	12	5	534	12 056	376	665	7 105	54 046	77 327	131 402	D
311712	Fresh and frozen seafood processing	9	9	4	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	309	25	3 151	85 860	1 742	2 940	43 439	261 351	103 268	362 943	6 159
31181	Bread and bakery product manufacturing	3	294	23	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	207	7	1 047	15 798	569	710	7 921	33 432	17 658	50 967	932
311812	Commercial bakeries	2	81	14	1 764	58 923	906	1 724	29 433	200 820	66 774	266 249	3 767
3119	Other food manufacturing	4	54	8	769	25 855	472	756	10 351	124 654	76 356	200 686	6 365

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
312	Beverage and tobacco product manufacturing	3	40	15	1 592	51 321	750	1 620	20 196	333 064	276 549	606 522	26 523
3121	Beverage manufacturing	4	26	13	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	4	23	13	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	4	11	10	g	D	D	D	D	D	D	D	D
313	Textile mills	4	76	13	1 005	30 368	829	1 658	21 404	67 979	91 569	158 887	3 539
3131	Fiber, yarn, and thread mills	8	5	3	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	8	5	3	e	D	D	D	D	D	D	D	D
3132	Fabric mills	3	35	6	e	D	D	D	D	D	D	D	D
314	Textile product mills	4	203	26	2 303	54 514	1 719	3 267	31 615	112 810	88 409	203 069	6 642
3141	Textile furnishings mills	5	83	9	886	19 510	723	1 328	11 234	37 862	38 071	76 282	D
31412	Curtain and linen mills	5	79	9	879	19 312	717	1 316	11 070	37 382	36 692	74 423	D
314121	Curtain and drapery mills	5	58	5	628	13 759	492	881	7 036	25 142	19 993	45 582	D
314129	Other household textile product mills	5	21	4	251	5 553	225	435	4 034	12 240	16 699	28 841	D
3149	Other textile product mills	3	120	17	1 417	35 004	996	1 939	20 381	74 948	50 338	126 787	D
31491	Textile bag and canvas mills ...	3	48	7	438	10 628	291	570	5 731	16 190	12 139	29 609	D
314912	Canvas and related product mills	3	44	5	358	8 967	219	409	4 734	13 780	10 517	25 542	D
31499	All other textile product mills ...	3	72	10	979	24 376	705	1 369	14 650	58 758	38 199	97 178	D
314999	All other miscellaneous textile product mills	3	70	10	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	5	'314	54	'5 479	'103 874	'4 542	'8 072	'66 227	'256 015	'311 795	'570 114	D
3151	Apparel knitting mills	2	13	4	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	-	10	3	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	-	10	3	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	5	'261	45	'4 460	'83 792	'3 726	'6 574	'54 175	'211 413	'277 413	'491 390	D
31521	Cut and sew apparel contractors	4	164	22	g	D	D	D	D	D	D	D	502
315211	Men's and boys' cut and sew apparel contractors	4	22	6	e	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	4	142	16	1 240	18 432	1 131	1 926	15 006	30 367	24 418	54 295	D
31522	Men's and boys' cut and sew apparel manufacturing	3	'24	5	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	6	56	12	1 447	36 784	1 097	2 071	20 168	111 842	190 210	305 561	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	8	5	2	e	D	D	D	D	D	D	D	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing	6	17	5	f	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	4	17	6	f	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	4	12	4	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	2	40	5	e	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	2	40	5	e	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	1	31	2	269	5 943	187	393	2 914	13 874	15 200	28 851	D
316	Leather and allied product manufacturing	2	39	6	599	13 250	484	881	7 322	23 106	22 407	42 932	D
3162	Footwear manufacturing	1	14	3	433	9 101	351	639	5 121	14 666	17 154	29 262	D
31621	Footwear manufacturing	1	14	3	433	9 101	351	639	5 121	14 666	17 154	29 262	D
316211	Rubber and plastics footwear manufacturing	-	5	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
321	Wood product manufacturing	4	132	32	2 138	59 088	1 618	3 104	35 611	115 702	115 590	230 719	4 278
3212	Veneer, plywood, and engineered wood product manufacturing	5	26	18	1 199	32 834	923	1 822	20 051	64 302	58 559	122 151	2 518
32121	Veneer, plywood, and engineered wood product manufacturing	5	26	18	1 199	32 834	923	1 822	20 051	64 302	58 559	122 151	2 518
321214	Truss manufacturing	4	19	16	1 065	29 206	812	1 608	17 302	58 237	48 242	105 729	2 229
3219	Other wood product manufacturing	4	104	14	f	D	D	D	D	D	D	D	D
32191	Millwork	4	70	12	746	21 832	538	1 007	12 324	41 452	47 267	88 888	1 410
321911	Wood window and door manufacturing	4	26	4	255	6 985	185	349	4 119	12 208	14 809	27 192	484
321918	Other millwork (including flooring)	4	36	8	447	13 787	315	590	7 516	26 691	30 394	57 085	873
322	Paper manufacturing	2	53	11	1 008	36 536	760	1 592	21 861	95 265	119 823	214 499	5 706
3221	Pulp, paper, and paperboard mills	—	3	1	e	D	D	D	D	D	D	D	D
32212	Paper mills	—	3	1	e	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	3	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	3	50	10	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	2	24	6	579	21 390	419	901	13 029	50 104	77 355	127 254	D
322211	Corrugated and solid fiber box manufacturing	2	14	3	392	14 938	269	600	8 926	35 599	65 582	101 052	1 548
323	Printing and related support activities	3	787	96	8 730	289 634	6 346	11 535	177 966	583 427	380 941	972 064	31 585
3231	Printing and related support activities	3	787	96	8 730	289 634	6 346	11 535	177 966	583 427	380 941	972 064	31 585
32311	Printing	3	716	90	8 189	273 345	5 904	10 716	166 816	555 163	370 372	933 307	30 757
323110	Commercial lithographic printing	3	266	52	4 329	160 512	3 164	6 041	100 276	320 255	215 992	536 799	21 351
323113	Commercial screen printing	4	92	15	1 612	43 696	1 234	2 154	25 773	74 686	78 151	158 072	2 856
323114	Quick printing	5	239	8	1 120	30 731	723	1 227	18 690	72 832	27 427	100 266	2 556
323115	Digital printing	—	25	4	318	10 878	234	336	7 159	24 940	6 709	33 835	893
323119	Other commercial printing	4	54	4	392	12 255	277	457	7 291	28 539	18 237	46 870	1 208
32312	Support activities for printing	4	71	6	541	16 289	442	819	11 150	28 264	10 569	38 757	828
323121	Tradebinding and related work	6	18	4	303	6 548	268	537	4 911	11 409	4 448	15 748	D
325	Chemical manufacturing	2	168	35	5 759	256 735	2 807	5 198	86 157	1 362 828	863 648	2 184 864	71 359
3254	Pharmaceutical and medicine manufacturing	4	35	16	3 099	138 391	1 444	2 447	40 984	795 091	299 326	1 052 278	43 884
32541	Pharmaceutical and medicine manufacturing	4	35	16	3 099	138 391	1 444	2 447	40 984	795 091	299 326	1 052 278	43 884
325412	Pharmaceutical preparation manufacturing	4	18	10	g	D	D	D	D	D	D	D	37 655
325413	In-vitro diagnostic substance manufacturing	3	5	4	449	23 780	183	320	7 275	71 437	29 995	99 733	4 528
3255	Paint, coating, and adhesive manufacturing	2	24	3	354	15 806	236	446	5 059	35 719	45 751	82 411	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	61	8	1 651	75 291	667	1 348	24 184	456 379	441 455	897 405	20 886
32561	Soap and cleaning compound manufacturing	7	29	3	252	9 366	156	253	5 318	38 202	27 109	65 336	1 433
32562	Toilet preparation manufacturing	—	32	5	1 399	65 925	511	1 095	18 866	418 177	414 346	832 069	19 453
325620	Toilet preparation manufacturing	—	32	5	1 399	65 925	511	1 095	18 866	418 177	414 346	832 069	19 453
3259	Other chemical product and preparation manufacturing	7	32	4	356	16 171	238	457	9 436	42 488	35 949	78 357	1 409
32599	All other chemical product and preparation manufacturing	7	27	3	288	13 273	194	388	8 056	34 263	26 162	60 316	1 040
326	Plastics and rubber products manufacturing	3	204	54	4 735	144 074	3 622	7 028	93 006	372 760	292 244	663 294	22 835

See footnotes at end of table.

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing ..	3	167	46	4 152	125 584	3 165	6 301	80 268	336 883	252 979	586 993	21 569
32611	Plastics packaging materials and unaminated film and sheet manufacturing	2	15	6	652	23 356	448	877	11 920	50 501	50 977	100 783	2 590
326111	Plastics bag manufacturing ..	2	6	4	566	21 367	381	758	10 847	43 114	45 225	88 306	2 124
32616	Plastics bottle manufacturing ..	6	5	3	345	9 828	308	652	7 864	25 320	23 996	49 676	2 627
326160	Plastics bottle manufacturing	6	5	3	345	9 828	308	652	7 864	25 320	23 996	49 676	2 627
32619	Other plastics product manufacturing	3	120	33	2 814	81 934	2 136	4 179	53 017	232 501	141 585	371 894	11 239
326191	Plastics plumbing fixture manufacturing	2	10	6	286	7 693	201	379	4 506	16 097	8 652	24 725	251
326199	All other plastics product manufacturing	3	110	27	2 528	74 241	1 935	3 800	48 511	216 404	132 933	347 169	10 988
3262	Rubber product manufacturing ...	4	37	8	583	18 490	457	727	12 738	35 877	39 265	76 301	1 266
32629	Other rubber product manufacturing	—	11	4	267	7 169	220	233	4 787	12 968	8 813	22 600	365
326299	All other rubber product manufacturing	—	10	4	e	D	D	D	D	D	D	D	365
327	Nonmetallic mineral product manufacturing	3	273	97	5 891	214 115	4 382	9 357	139 658	604 298	534 347	1 149 538	48 577
3272	Glass and glass product manufacturing	5	48	8	483	15 657	380	804	11 046	30 813	24 246	54 999	2 758
32721	Glass and glass product manufacturing	5	48	8	483	15 657	380	804	11 046	30 813	24 246	54 999	2 758
327215	Glass product manufacturing made of purchased glass ..	4	42	8	472	15 289	372	787	10 781	29 888	23 858	53 686	D
3273	Cement and concrete product manufacturing	3	147	77	4 544	166 354	3 427	7 347	109 926	495 788	425 135	917 470	43 060
32731	Cement manufacturing	5	3	2	520	25 988	391	834	17 784	89 186	66 759	155 110	D
327310	Cement manufacturing	5	3	2	520	25 988	391	834	17 784	89 186	66 759	155 110	D
32732	Ready-mix concrete manufacturing	2	63	38	1 519	56 650	1 182	2 512	41 606	174 131	213 889	387 504	7 536
327320	Ready-mix concrete manufacturing	2	63	38	1 519	56 650	1 182	2 512	41 606	174 131	213 889	387 504	7 536
32733	Concrete pipe, brick, and block manufacturing	—	23	11	670	25 506	485	1 043	15 481	88 275	66 749	153 504	D
327331	Concrete block and brick manufacturing	—	20	10	f	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	5	58	26	1 835	58 210	1 369	2 958	35 055	144 196	77 738	221 352	8 465
327390	Other concrete product manufacturing	5	58	26	1 835	58 210	1 369	2 958	35 055	144 196	77 738	221 352	8 465
3279	Other nonmetallic mineral product manufacturing	1	61	11	752	27 523	495	1 034	15 899	65 250	73 313	152 770	2 106
32799	All other nonmetallic mineral product manufacturing	1	57	8	666	22 960	434	907	13 359	65 383	56 119	121 795	1 491
327991	Cut stone and stone product manufacturing	5	39	2	276	8 217	206	399	5 828	18 611	8 718	27 365	725
327999	All other miscellaneous nonmetallic mineral product manufacturing	—	11	5	329	12 324	196	435	6 294	42 136	42 974	85 488	D
331	Primary metal manufacturing	1	32	6	469	18 422	346	758	11 071	45 007	30 872	75 793	D
3315	Foundries	—	9	3	322	11 685	253	569	7 658	31 147	18 565	49 602	D
332	Fabricated metal product manufacturing	3	595	102	9 835	321 259	7 241	14 941	198 345	762 948	553 130	1 317 737	32 775
3321	Forging and stamping.....	3	24	5	370	15 835	280	608	9 820	30 177	28 594	59 361	5 667
33211	Forging and stamping.....	3	24	5	370	15 835	280	608	9 820	30 177	28 594	59 361	5 667
332116	Metal stamping	5	15	3	283	12 153	213	464	7 502	19 347	12 149	32 087	5 084
3322	Cutlery and handtool manufacturing	5	13	3	e	D	D	D	D	D	D	D	1 549
33221	Cutlery and handtool manufacturing	5	13	3	e	D	D	D	D	D	D	D	1 549
332212	Hand and edge tool manufacturing	5	11	3	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	3	218	50	4 999	158 205	3 478	7 263	91 276	389 067	328 749	719 101	13 033
33231	Plate work and fabricated structural product manufacturing	4	57	12	769	29 510	486	966	14 955	81 055	84 965	165 166	3 015
332312	Fabricated structural metal manufacturing	4	49	9	604	23 819	368	707	11 719	65 327	63 870	128 098	2 781

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing—Con.												
33232	Ornamental and architectural metal products												
332321	Metal window and door manufacturing	2	161	38	4 230	128 695	2 992	6 297	76 321	308 012	243 784	553 935	10 018
332322	Sheet metal work manufacturing	2	62	20	2 500	74 292	1 731	3 864	41 673	187 179	161 679	351 253	4 975
332323	Ornamental and architectural metal work manufacturing	3	51	12	1 088	33 170	759	1 463	20 799	77 002	48 531	125 417	2 986
3325	Hardware manufacturing	3	48	6	642	21 233	502	970	13 849	43 831	33 574	77 265	2 057
33251	Hardware manufacturing	1	17	3	690	19 389	575	1 286	12 295	35 793	19 783	55 166	1 334
332510	Hardware manufacturing	1	17	3	690	19 389	575	1 286	12 295	35 793	19 783	55 166	1 334
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	178	14	1 371	45 612	1 046	2 061	30 374	89 636	40 560	130 219	4 402
33271	Machine shops	4	154	5	621	20 882	459	858	13 764	42 429	19 262	61 668	2 123
332710	Machine shops	4	154	5	621	20 882	459	858	13 764	42 429	19 262	61 668	2 123
33272	Turned product and screw, nut, and bolt manufacturing	4	24	9	750	24 730	587	1 203	16 610	47 207	21 298	68 551	2 279
332721	Precision turned product manufacturing	—	16	7	408	12 828	326	631	9 366	23 556	11 357	34 329	D
332722	Bolt, nut, screw, rivet, and washer manufacturing	8	8	2	342	11 902	261	572	7 244	23 651	9 941	34 222	D
3328	Coating, engraving, heat treating, and allied activities	3	57	11	671	20 197	518	923	14 014	44 547	11 956	56 970	1 221
33281	Coating, engraving, heat treating, and allied activities	3	57	11	671	20 197	518	923	14 014	44 547	11 956	56 970	1 221
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	1	19	6	301	9 096	245	394	6 690	22 190	8 062	30 666	869
332813	Electroplating, plating, polishing, anodizing, and coloring	4	33	5	329	9 563	244	480	6 415	19 893	3 585	23 522	D
3329	Other fabricated metal product manufacturing	3	57	11	954	36 967	703	1 439	23 645	83 720	54 513	138 165	4 945
33291	Metal valve manufacturing	2	9	5	469	19 062	336	696	12 152	46 492	32 633	78 991	2 634
332911	Industrial valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	4	48	6	485	17 905	367	743	11 493	37 228	21 880	59 174	2 311
332999	All other miscellaneous fabricated metal product manufacturing	4	36	5	407	15 385	305	622	9 958	30 743	18 117	49 075	2 127
333	Machinery manufacturing	2	263	66	4 881	193 851	3 011	5 866	89 381	495 884	383 308	881 695	15 197
3332	Industrial machinery manufacturing	—	22	7	508	20 562	311	608	11 814	45 039	27 006	71 226	560
33329	Other industrial machinery manufacturing	—	18	6	470	19 593	286	551	11 190	44 473	24 988	68 607	516
333298	All other industrial machinery manufacturing	—	6	3	300	11 692	175	354	6 264	29 724	17 816	45 688	392
3333	Commercial and service industry machinery manufacturing	1	42	8	770	32 804	338	648	9 840	107 664	70 638	176 408	1 889
33331	Commercial and service industry machinery manufacturing	1	42	8	770	32 804	338	648	9 840	107 664	70 638	176 408	1 889
333319	Other commercial and service industry machinery manufacturing	1	27	4	472	21 781	204	401	5 315	78 146	47 314	124 831	1 195
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	45	16	1 187	40 999	882	1 726	22 634	118 892	111 379	229 325	2 706
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	45	16	1 187	40 999	882	1 726	22 634	118 892	111 379	229 325	2 706
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	5	30	13	1 065	36 835	806	1 566	20 715	109 250	104 165	212 303	2 553
3335	Metalworking machinery manufacturing	1	66	11	681	27 021	461	910	15 291	62 694	38 006	101 161	2 233
33351	Metalworking machinery manufacturing	1	66	11	681	27 021	461	910	15 291	62 694	38 006	101 161	2 233

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

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	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
333 3336	Machinery manufacturing—Con. Engine, turbine, and power transmission equipment manufacturing	—	9	5	320	13 433	199	347	5 782	37 067	47 685	91 410	2 598
33361	Engine, turbine, and power transmission equipment manufacturing	—	9	5	320	13 433	199	347	5 782	37 067	47 685	91 410	2 598
3339	Other general purpose machinery manufacturing	3	63	18	1 321	55 533	765	1 516	22 312	117 983	81 112	198 138	4 994
33392	Material handling equipment manufacturing	1	19	4	415	15 857	264	550	7 702	28 936	23 014	52 106	2 014
33399	All other general purpose machinery manufacturing	2	31	11	678	28 910	373	714	10 512	63 130	37 925	99 775	1 885
333999	All other miscellaneous general purpose machinery manufacturing	2	20	6	355	14 537	207	394	5 921	30 888	21 564	53 901	1 256
334	Computer and electronic product manufacturing	—	227	55	8 608	361 088	4 028	7 476	115 682	1 652 591	1 369 749	3 034 943	51 051
3341	Computer and peripheral equipment manufacturing	2	29	6	815	52 310	206	417	8 527	85 527	98 837	182 734	6 747
33411	Computer and peripheral equipment manufacturing	2	29	6	815	52 310	206	417	8 527	85 527	98 837	182 734	6 747
334111	Electronic computer manufacturing	2	16	3	585	40 027	93	183	3 760	60 072	77 903	136 280	D
3342	Communications equipment manufacturing	—	46	7	3 209	138 344	1 131	2 206	36 851	982 887	928 430	1 912 254	24 511
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	20	4	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	20	4	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	14	2	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	14	2	g	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing	—	14	2	423	16 260	192	402	5 043	78 720	52 628	130 512	1 332
33431	Audio and video equipment manufacturing	—	14	2	423	16 260	192	402	5 043	78 720	52 628	130 512	1 332
334310	Audio and video equipment manufacturing	—	14	2	423	16 260	192	402	5 043	78 720	52 628	130 512	1 332
3344	Semiconductor and other electronic component manufacturing	2	51	18	1 620	56 625	986	1 806	26 697	147 753	63 337	212 234	9 284
33441	Semiconductor and other electronic component manufacturing	2	51	18	1 620	56 625	986	1 806	26 697	147 753	63 337	212 234	9 284
334413	Semiconductor and related device manufacturing	6	5	3	454	14 140	281	409	6 530	43 847	13 649	57 119	D
334417	Electronic connector manufacturing	—	6	4	312	11 367	228	448	6 940	26 114	11 183	37 727	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	10	5	483	16 881	222	445	6 037	45 884	24 870	70 897	3 976
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	68	18	2 404	93 528	1 402	2 418	35 993	347 009	217 231	577 248	8 716
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	68	18	2 404	93 528	1 402	2 418	35 993	347 009	217 231	577 248	8 716
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	4	14	4	550	30 405	195	351	6 619	67 403	37 478	112 326	1 756
334516	Analytical laboratory instrument manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	—	11	3	600	11 826	425	622	4 726	23 512	28 860	52 586	1 313
335	Electrical equipment, appliance, and component manufacturing	2	86	14	1 996	60 737	1 479	2 930	33 873	134 622	133 201	267 111	3 169
3351	Electric lighting equipment manufacturing	2	34	7	1 132	29 051	883	1 734	17 925	63 617	29 253	91 808	1 389
33512	Lighting fixture manufacturing ..	2	34	7	1 132	29 051	883	1 734	17 925	63 617	29 253	91 808	1 389
335121	Residential electric lighting fixture manufacturing	2	24	5	906	23 601	720	1 423	14 867	52 529	23 746	75 217	D

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	2	19	4	392	15 690	296	561	8 489	42 131	24 065	65 480	D
33531	Electrical equipment manufacturing	2	19	4	392	15 690	296	561	8 489	42 131	24 065	65 480	D
335314	Relay and industrial control manufacturing	2	10	4	343	14 194	258	497	7 454	38 012	21 065	58 361	472
3359	Other electrical equipment and component manufacturing	2	30	3	e	D	D	D	D	D	D	D	1 214
336	Transportation equipment manufacturing	4	248	'52	'6 127	'261 193	'3 957	'7 919	'130 384	'560 925	'485 348	'1 042 264	'32 635
3362	Motor vehicle body and trailer manufacturing	1	16	5	413	8 922	314	551	5 710	19 412	21 044	39 528	782
33621	Motor vehicle body and trailer manufacturing	1	16	5	413	8 922	314	551	5 710	19 412	21 044	39 528	782
3363	Motor vehicle parts manufacturing	3	54	7	776	22 027	657	1 367	15 915	56 418	51 540	109 482	3 236
33639	Other motor vehicle parts manufacturing	2	14	3	352	10 465	278	631	6 324	23 151	25 428	50 654	1 669
336399	All other motor vehicle parts manufacturing	2	13	3	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	5	'46	'19	'2 778	'166 552	'1 289	'2 649	'63 176	'315 300	'270 907	'581 601	'24 078
33641	Aerospace product and parts manufacturing	5	'46	'19	'2 778	'166 552	'1 289	'2 649	'63 176	'315 300	'270 907	'581 601	'24 078
336411	Aircraft manufacturing	9	7	3	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	6	'16	'9	'757	'44 305	'516	'1 082	'24 751	'91 392	'101 704	'204 195	'4 253
336413	Other aircraft parts and auxiliary equipment manufacturing	1	22	6	e	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	4	'117	20	'2 029	'59 954	'1 600	'3 162	'43 548	'158 881	'128 409	'287 290	'3 965
33661	Ship and boat building	4	'117	20	'2 029	'59 954	'1 600	'3 162	'43 548	'158 881	'128 409	'287 290	'3 965
336611	Ship building and repairing ..	2	'34	6	'469	'17 218	'347	'696	'12 275	'36 946	'22 842	'59 788	'820
336612	Boat building	5	83	14	1 560	42 736	1 253	2 466	31 273	121 935	105 567	227 502	3 145
337	Furniture and related product manufacturing	3	633	65	7 211	203 762	5 496	10 425	123 676	419 086	361 660	781 121	16 478
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	487	35	3 711	105 610	2 830	5 428	65 414	219 272	162 685	385 175	8 088
33711	Wood kitchen cabinet and countertop manufacturing	4	250	15	1 563	45 737	1 147	2 165	27 846	88 572	56 827	149 103	3 486
337110	Wood kitchen cabinet and countertop manufacturing ..	4	250	15	1 563	45 737	1 147	2 165	27 846	88 572	56 827	149 103	3 486
33712	Household and institutional furniture manufacturing	5	237	20	2 148	59 873	1 683	3 263	37 568	130 700	105 858	236 072	4 602
337121	Upholstered household furniture manufacturing	3	48	7	456	11 551	386	696	8 778	23 668	24 715	48 248	695
337122	Nonupholstered wood household furniture manufacturing	5	137	6	821	20 486	684	1 327	15 101	37 895	30 000	67 785	2 526
337124	Metal household furniture manufacturing	1	13	2	341	7 998	270	549	4 885	17 258	8 894	25 596	115
337127	Institutional furniture manufacturing	6	17	5	470	18 053	296	610	7 937	48 801	38 157	87 274	1 151
3372	Office furniture (including fixtures) manufacturing	1	91	19	2 317	63 676	1 808	3 387	40 895	113 182	103 128	213 182	4 215
33721	Office furniture (including fixtures) manufacturing	1	91	19	2 317	63 676	1 808	3 387	40 895	113 182	103 128	213 182	4 215
337212	Custom architectural woodwork and millwork manufacturing	1	30	4	312	9 374	225	412	5 197	23 014	9 914	32 639	883
337215	Showcase, partition, shelving, and locker manufacturing	1	42	11	1 637	43 703	1 311	2 425	28 959	74 915	59 702	131 845	2 948
3379	Other furniture related product manufacturing	1	55	11	1 183	34 476	858	1 610	17 367	86 632	95 847	182 764	4 175
33791	Mattress manufacturing	1	17	4	508	16 584	372	751	7 673	55 559	51 564	107 162	640
337910	Mattress manufacturing	1	17	4	508	16 584	372	751	7 673	55 559	51 564	107 162	640
33792	Blind and shade manufacturing	2	38	7	675	17 892	486	859	9 694	31 073	44 283	75 602	3 535
337920	Blind and shade manufacturing	2	38	7	675	17 892	486	859	9 694	31 073	44 283	75 602	3 535

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	1	'653	81	'13 873	'479 057	'7 259	'13 303	'169 251	'1 545 701	'519 272	'2 033 240	'59 556
3391	Medical equipment and supplies manufacturing	—	279	34	10 071	365 635	4 574	8 222	107 895	1 291 086	308 522	1 567 028	48 965
33911	Medical equipment and supplies manufacturing	—	279	34	10 071	365 635	4 574	8 222	107 895	1 291 086	308 522	1 567 028	48 965
339112	Surgical and medical instrument manufacturing ..	—	21	9	2 277	74 218	1 622	2 949	31 682	299 040	68 399	360 006	13 827
339113	Surgical appliance and supplies manufacturing	—	43	12	5 252	231 573	1 856	3 216	49 713	866 572	179 876	1 021 562	30 245
339115	Ophthalmic goods manufacturing	3	19	5	D	D	D	D	D	D	D	D	D
339116	Dental laboratories	4	176	5	698	20 013	512	902	13 741	32 792	8 005	40 831	877
3399	Other miscellaneous manufacturing	4	'374	47	'3 802	'113 422	'2 685	'5 081	'61 356	'254 615	'210 750	'466 212	'10 591
33991	Jewelry and silverware manufacturing	5	98	5	551	14 150	400	724	8 072	24 844	39 598	64 274	926
339911	Jewelry (except costume) manufacturing	5	72	4	427	10 765	308	572	6 413	18 988	35 863	54 770	705
33992	Sporting and athletic goods manufacturing	6	41	5	318	10 766	197	346	4 778	35 354	35 717	70 969	1 290
339920	Sporting and athletic goods manufacturing	6	41	5	318	10 766	197	346	4 778	35 354	35 717	70 969	1 290
33994	Office supplies (except paper) manufacturing	—	9	3	323	10 320	235	461	5 643	24 221	16 075	40 388	D
339941	Pen and mechanical pencil manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33995	Sign manufacturing	3	'113	14	'969	'33 846	'650	'1 273	'17 040	'83 984	'45 200	'127 468	'3 351
339950	Sign manufacturing	3	'113	14	'969	'33 846	'650	'1 273	'17 040	'83 984	'45 200	'127 468	'3 351
33999	All other miscellaneous manufacturing	5	99	20	1 559	42 093	1 141	2 163	24 588	81 338	70 391	154 471	D
339999	All other miscellaneous manufacturing	5	85	20	1 474	39 562	1 080	2 042	23 177	74 197	66 342	143 321	D
Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division													
31-33	Manufacturing	2	'1 836	'323	'32 179	'1 146 172	'20 223	'38 450	'557 447	'3 751 169	'3 032 696	'6 775 856	'153 167
311	Food manufacturing	6	102	11	1 229	31 336	854	1 568	17 696	98 135	117 462	215 465	5 472
3118	Bakeries and tortilla manufacturing	4	64	5	486	10 381	274	530	5 550	24 086	12 061	36 129	614
31181	Bread and bakery product manufacturing	4	61	5	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	3	15	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	2	11	5	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	2	9	5	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	2	8	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	2	4	3	e	D	D	D	D	D	D	D	D
314	Textile product mills	3	71	5	524	12 845	399	698	7 147	24 413	22 130	46 870	1 740
3149	Other textile product mills	4	47	2	275	7 230	210	396	4 417	14 437	11 854	26 264	D
315	Apparel manufacturing	3	'64	7	'532	'12 984	'428	'816	'7 826	'26 783	'29 338	'55 129	'621
3152	Cut and sew apparel manufacturing	3	'52	6	'461	'11 223	'371	'706	'6 594	'22 827	'23 771	'45 651	D
321	Wood product manufacturing	5	44	11	628	17 913	487	923	11 385	34 568	41 778	76 388	1 260
3219	Other wood product manufacturing	5	37	7	420	11 846	325	608	7 558	23 419	30 834	54 288	905
32191	Millwork	5	24	6	343	10 114	264	499	6 329	18 638	26 644	45 365	745
323	Printing and related support activities	3	286	35	3 169	110 208	2 285	3 994	67 372	228 903	130 037	359 066	11 536
3231	Printing and related support activities	3	286	35	3 169	110 208	2 285	3 994	67 372	228 903	130 037	359 066	11 536
32311	Printing	3	253	32	2 959	101 372	2 124	3 709	61 511	212 909	124 127	337 153	10 992
323110	Commercial lithographic printing	2	97	22	1 907	70 029	1 405	2 510	43 274	142 888	86 411	229 560	8 367
323114	Quick printing	4	82	3	522	14 310	342	585	8 912	35 127	13 767	48 886	875

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE-MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division—Con.												
325	Chemical manufacturing	6	46	12	1 730	81 224	771	1 274	22 999	448 665	233 889	642 900	26 254
3254	Pharmaceutical and medicine manufacturing	6	9	5	1 069	51 372	352	526	10 096	365 224	162 579	488 019	23 019
32541	Pharmaceutical and medicine manufacturing	6	9	5	1 069	51 372	352	526	10 096	365 224	162 579	488 019	23 019
325412	Pharmaceutical preparation manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	6	15	3	257	10 438	148	212	4 834	36 339	24 804	61 062	D
326	Plastics and rubber products manufacturing	1	68	19	1 877	61 701	1 390	2 740	37 622	140 365	119 349	258 693	7 091
3261	Plastics product manufacturing ..	1	57	15	1 677	55 147	1 245	2 500	33 579	127 924	108 505	235 059	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	44	13	1 206	35 971	911	1 837	23 593	87 159	68 869	155 136	4 555
326199	All other plastics product manufacturing	1	37	8	967	29 508	730	1 496	19 568	73 388	61 072	133 611	D
327	Nonmetallic mineral product manufacturing	1	89	31	1 971	70 132	1 461	3 180	45 343	171 217	173 807	357 365	9 636
3273	Cement and concrete product manufacturing	1	42	23	1 368	48 945	1 031	2 278	31 547	124 064	120 036	244 400	7 469
32732	Ready-mix concrete manufacturing	1	19	9	434	16 615	331	711	11 732	46 218	54 095	100 346	D
327320	Ready-mix concrete manufacturing	1	19	9	434	16 615	331	711	11 732	46 218	54 095	100 346	D
32733	Concrete pipe, brick, and block manufacturing	—	9	5	365	14 115	267	555	8 165	42 789	38 739	81 569	D
327331	Concrete block and brick manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	3	14	9	569	18 215	433	1 012	11 650	35 057	27 202	62 485	3 495
327390	Other concrete product manufacturing	3	14	9	569	18 215	433	1 012	11 650	35 057	27 202	62 485	3 495
3279	Other nonmetallic mineral product manufacturing	—	22	5	393	14 756	267	562	8 880	33 698	41 398	87 205	1 066
32799	All other nonmetallic mineral product manufacturing	1	19	3	e	D	D	D	D	D	D	D	D
327999	All other miscellaneous nonmetallic mineral product manufacturing	—	6	3	252	9 002	149	330	4 776	31 726	29 775	61 798	328
332	Fabricated metal product manufacturing	3	214	38	3 314	121 851	2 329	4 769	73 051	275 134	178 261	454 591	14 886
3321	Forging and stamping.....	5	13	3	262	11 436	203	444	7 228	18 144	12 573	31 324	5 094
33211	Forging and stamping.....	5	13	3	262	11 436	203	444	7 228	18 144	12 573	31 324	5 094
3323	Architectural and structural metals manufacturing	3	63	16	1 387	50 879	857	1 750	26 742	125 925	93 957	219 240	3 330
33231	Plate work and fabricated structural product manufacturing	1	22	5	451	18 434	256	507	8 506	55 060	52 984	107 173	2 125
332312	Fabricated structural metal manufacturing	2	21	4	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	4	41	11	936	32 445	601	1 243	18 236	70 865	40 973	112 067	1 205
332321	Metal window and door manufacturing	4	13	6	490	17 510	345	767	10 231	36 285	25 902	62 196	894
332322	Sheet metal work manufacturing	3	13	4	325	10 415	166	288	5 127	21 297	9 493	31 064	208
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	6	70	5	618	21 449	482	964	14 214	43 175	19 557	63 465	1 929
33272	Turned product and screw, nut, and bolt manufacturing	5	12	5	471	16 354	369	761	10 723	33 153	14 902	48 706	1 354
332722	Bolt, nut, screw, rivet, and washer manufacturing	8	4	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	29	7	611	24 921	444	936	16 101	56 322	35 398	91 907	3 863
33291	Metal valve manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division—Con.												
333	Machinery manufacturing	1	103	36	2 525	106 033	1 478	2 862	43 999	294 541	222 258	517 578	7 602
3332	Industrial machinery manufacturing	—	8	4	375	14 755	233	463	8 485	34 335	19 520	53 085	D
33329	Other industrial machinery manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	22	6	535	24 642	198	376	6 334	82 597	51 452	132 143	1 355
33331	Commercial and service industry machinery manufacturing	—	22	6	535	24 642	198	376	6 334	82 597	51 452	132 143	1 355
333319	Other commercial and service industry machinery manufacturing	—	16	2	290	15 798	90	174	2 642	59 193	32 312	90 864	884
3334	Ventilation, heating, air- conditioning, and commercial refrigeration equipment manufacturing	2	17	8	552	20 270	392	756	8 566	68 838	62 297	130 022	1 392
33341	Ventilation, heating, air- conditioning, and commercial refrigeration equipment manufacturing	2	17	8	552	20 270	392	756	8 566	68 838	62 297	130 022	1 392
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2	10	7	503	18 737	355	677	7 612	65 043	57 082	121 000	1 338
3335	Metalworking machinery manufacturing	1	26	7	393	15 919	278	549	9 490	42 063	25 503	68 133	1 581
33351	Metalworking machinery manufacturing	1	26	7	393	15 919	278	549	9 490	42 063	25 503	68 133	1 581
3339	Other general purpose machinery manufacturing	3	25	9	583	26 519	328	608	9 656	61 517	35 741	95 106	2 662
33399	All other general purpose machinery manufacturing	1	13	6	356	15 928	195	351	5 468	37 694	17 974	53 442	750
334	Computer and electronic product manufacturing	—	109	28	4 140	197 975	1 693	3 382	53 901	1 114 128	1 023 554	2 146 565	27 895
3341	Computer and peripheral equipment manufacturing	2	14	3	545	36 656	111	228	4 703	52 102	68 489	119 129	5 277
33411	Computer and peripheral equipment manufacturing	2	14	3	545	36 656	111	228	4 703	52 102	68 489	119 129	5 277
334111	Electronic computer manufacturing	2	9	2	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	26	5	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	28	9	565	21 074	286	590	7 753	49 765	20 359	71 636	950
33441	Semiconductor and other electronic component manufacturing	1	28	9	565	21 074	286	590	7 753	49 765	20 359	71 636	950
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	30	9	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	30	9	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	10	2	e	D	D	D	D	D	D	D	867

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division—Con.												
335	Electrical equipment, appliance, and component manufacturing	1	34	6	839	29 481	578	1 161	15 060	62 909	90 134	152 899	1 878
3353	Electrical equipment manufacturing	—	8	3	310	12 638	240	460	7 205	34 366	18 598	52 248	381
33531	Electrical equipment manufacturing	—	8	3	310	12 638	240	460	7 205	34 366	18 598	52 248	381
335314	Relay and industrial control manufacturing	—	5	3	297	12 218	231	446	6 950	33 731	17 760	50 775	360
3359	Other electrical equipment and component manufacturing	1	17	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	3	112	22	1 875	66 894	1 431	2 846	43 242	174 026	144 242	335 018	D
3363	Motor vehicle parts manufacturing	2	28	5	f	D	D	D	D	D	D	D	2 711
33639	Other motor vehicle parts manufacturing	2	11	3	340	10 073	268	611	6 034	22 146	24 305	48 526	1 607
336399	All other motor vehicle parts manufacturing	2	10	3	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	3	20	7	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	3	20	7	e	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	4	57	9	825	25 672	648	1 255	18 797	63 781	47 827	111 608	1 496
33661	Ship and boat building	4	57	9	825	25 672	648	1 255	18 797	63 781	47 827	111 608	1 496
336611	Ship building and repairing ..	3	20	4	252	9 284	193	371	6 814	19 825	11 525	31 350	635
336612	Boat building	4	37	5	573	16 388	455	884	11 983	43 956	36 302	80 258	861
337	Furniture and related product manufacturing	4	182	20	2 184	71 789	1 585	2 744	40 676	136 985	142 936	284 194	5 723
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	135	8	1 033	36 355	740	1 442	20 506	77 962	63 516	144 315	3 133
33711	Wood kitchen cabinet and countertop manufacturing	5	67	4	458	16 550	366	694	11 099	28 351	20 245	51 352	1 843
337110	Wood kitchen cabinet and countertop manufacturing ..	5	67	4	458	16 550	366	694	11 099	28 351	20 245	51 352	1 843
33712	Household and institutional furniture manufacturing	7	68	4	575	19 805	374	748	9 407	49 611	43 271	92 963	1 290
337127	Institutional furniture manufacturing	8	9	3	259	12 109	128	259	3 971	35 102	31 224	66 424	949
3372	Office furniture (including fixtures) manufacturing	1	31	7	681	20 531	518	769	13 201	29 734	48 705	79 699	D
33721	Office furniture (including fixtures) manufacturing	1	31	7	681	20 531	518	769	13 201	29 734	48 705	79 699	D
337215	Showcase, partition, shelving, and locker manufacturing	1	14	3	398	12 300	309	370	7 994	21 016	20 192	42 284	1 408
3379	Other furniture related product manufacturing	—	16	5	470	14 903	327	533	6 969	29 289	30 715	60 180	D
33792	Blind and shade manufacturing	1	13	5	e	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	1	13	5	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	228	31	4 499	119 451	2 317	3 905	51 130	326 542	197 541	516 140	8 832
3391	Medical equipment and supplies manufacturing	—	99	15	3 255	78 484	1 452	2 210	28 344	225 400	129 609	347 843	6 877
33911	Medical equipment and supplies manufacturing	—	99	15	3 255	78 484	1 452	2 210	28 344	225 400	129 609	347 843	6 877
339112	Surgical and medical instrument manufacturing ..	—	5	2	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	1	18	7	g	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	9	3	g	D	D	D	D	D	D	D	D
339116	Dental laboratories	3	62	2	281	8 612	200	339	5 576	13 729	3 517	17 313	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division—Con.												
339 3399	Miscellaneous manufacturing—Con. Other miscellaneous manufacturing	3	129	16	1 244	40 967	865	1 695	22 786	101 142	67 932	168 297	1 955
33995 339950 33999	Sign manufacturing	2	43	4	330	11 576	227	444	6 079	37 592	15 087	52 022	689
33999	Sign manufacturing	2	43	4	330	11 576	227	444	6 079	37 592	15 087	52 022	689
33999	All other miscellaneous manufacturing	2	40	7	409	11 784	291	581	7 509	22 493	17 120	39 380	D
339999	All other miscellaneous manufacturing	2	33	7	353	10 184	252	503	6 669	17 839	14 650	32 296	D
	Miami-Miami Beach-Kendall, FL Metropolitan Division												
31-33	Manufacturing	3	'2 608	445	'50 316	'1 596 870	'34 490	'66 542	'824 724	'5 021 323	'3 437 933	'8 442 440	'225 097
311	Food manufacturing	3	290	35	4 006	116 478	2 411	4 271	58 509	472 876	407 192	877 703	15 418
3115	Dairy product manufacturing	3	13	4	477	19 705	287	620	10 893	136 706	162 040	298 407	5 891
31151	Dairy product (except frozen) manufacturing	3	7	3	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	3	3	3	399	17 268	227	496	9 166	116 723	144 203	260 587	D
3116	Animal slaughtering and processing	2	22	7	601	15 265	476	988	9 661	32 325	66 038	98 271	1 230
31161	Animal slaughtering and processing	2	22	7	601	15 265	476	988	9 661	32 325	66 038	98 271	1 230
311612	Meat processed from carcasses	2	11	4	376	11 074	269	614	6 400	26 699	47 405	74 113	990
3117	Seafood product preparation and packaging	6	6	3	365	7 377	228	382	3 707	42 769	54 193	96 992	384
31171	Seafood product preparation and packaging	6	6	3	365	7 377	228	382	3 707	42 769	54 193	96 992	384
3118	Bakeries and tortilla manufacturing	2	196	14	2 051	56 091	1 097	1 652	26 095	189 353	70 572	258 490	4 089
31181	Bread and bakery product manufacturing	1	185	12	g	D	D	D	D	D	D	D	D
311811	Retail bakeries	6	130	5	682	10 158	383	459	5 137	21 644	11 178	32 696	576
311812	Commercial bakeries	1	52	7	1 180	39 696	561	942	16 931	151 596	48 298	198 687	2 497
3119	Other food manufacturing	2	30	5	369	13 450	209	396	5 007	55 096	34 735	89 587	2 984
312	Beverage and tobacco product manufacturing	6	23	8	584	22 010	312	662	10 691	133 243	128 523	261 830	D
3121	Beverage manufacturing	9	12	6	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	9	10	6	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	9	6	6	e	D	D	D	D	D	D	D	D
313	Textile mills	6	43	9	713	20 052	607	1 203	14 578	46 326	57 187	102 008	3 183
3131	Fiber, yarn, and thread mills	8	4	3	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	8	4	3	e	D	D	D	D	D	D	D	D
3132	Fabric mills	5	23	3	288	9 564	226	486	5 999	23 930	22 957	45 571	D
314	Textile product mills	5	97	16	1 390	30 641	1 066	2 062	19 253	64 716	54 052	120 608	4 661
3141	Textile furnishings mills	7	37	5	504	10 397	431	826	6 755	22 004	23 318	45 321	D
31412	Curtain and linen mills	7	37	5	504	10 397	431	826	6 755	22 004	23 318	45 321	D
314121	Curtain and drapery mills	9	24	2	299	5 993	246	472	3 532	12 609	8 597	21 191	D
3149	Other textile product mills	4	60	11	886	20 244	635	1 236	12 498	42 712	30 734	75 287	D
31499	All other textile product mills	3	41	7	664	15 666	494	941	10 005	35 697	24 722	60 960	D
314999	All other miscellaneous textile product mills	3	39	7	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	5	224	44	4 505	81 795	3 762	6 635	52 911	207 375	251 406	462 201	4 647
3151	Apparel knitting mills	1	11	4	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	—	10	3	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	—	10	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	Miami-Miami Beach-Kendall, FL Metropolitan Division— Con.												
315	Apparel manufacturing—Con.												
3152	Cut and sew apparel manufacturing	5	188	36	3 574	63 911	3 013	5 265	42 286	167 545	223 106	394 308	D
31521	Cut and sew apparel contractors	5	119	19	1 456	21 013	1 317	2 090	16 702	36 963	16 070	52 173	D
315211	Men's and boys' cut and sew apparel contractors	4	16	6	e	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	5	103	13	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	3	15	5	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	6	42	8	945	23 942	720	1 358	13 312	81 562	151 034	236 409	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing	6	13	5	682	17 929	510	955	9 337	65 060	137 483	206 248	D
31529	Other cut and sew apparel manufacturing	2	12	4	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	2	8	3	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	2	25	4	e	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	2	25	4	e	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	1	24	4	f	D	D	D	D	D	D	D	D
3162	Footwear manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
31621	Footwear manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
316211	Rubber and plastics footwear manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	53	12	842	23 095	606	1 245	12 401	45 552	36 906	82 388	1 005
3212	Veneer, plywood, and engineered wood product manufacturing	3	10	8	499	13 897	363	784	7 645	24 995	20 505	45 367	413
32121	Veneer, plywood, and engineered wood product manufacturing	3	10	8	499	13 897	363	784	7 645	24 995	20 505	45 367	413
321214	Truss manufacturing	3	7	7	438	12 461	316	697	6 595	22 737	17 467	40 031	D
3219	Other wood product manufacturing	4	42	4	e	D	D	D	D	D	D	D	D
32191	Millwork	4	25	3	258	7 191	174	336	3 298	16 598	12 655	29 298	446
322	Paper manufacturing	1	35	11	884	31 469	659	1 376	18 163	83 925	103 383	186 711	5 177
3221	Pulp, paper, and paperboard mills	—	2	1	e	D	D	D	D	D	D	D	D
32212	Paper mills	—	2	1	e	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	2	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	33	10	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	15	6	496	18 026	355	761	10 725	42 745	65 133	107 665	D
322211	Corrugated and solid fiber box manufacturing	1	9	3	344	13 097	233	525	7 726	31 488	56 393	87 752	D
323	Printing and related support activities	4	371	50	4 646	149 543	3 443	6 464	92 539	291 039	219 717	517 996	16 892
3231	Printing and related support activities	4	371	50	4 646	149 543	3 443	6 464	92 539	291 039	219 717	517 996	16 892
32311	Printing	4	343	47	4 355	143 489	3 193	5 971	88 133	280 626	215 789	503 744	16 673
323110	Commercial lithographic printing	3	131	26	2 105	79 205	1 582	3 190	51 151	156 457	117 150	273 878	11 724
323113	Commercial screen printing	4	44	12	1 298	35 025	1 002	1 762	20 938	59 306	68 077	132 556	2 390
323114	Quick printing	6	107	1	352	9 564	214	372	5 700	21 916	8 358	30 283	862
32312	Support activities for printing	4	28	3	291	6 054	250	493	4 406	10 413	3 928	14 252	219

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE-MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	Miami-Miami Beach-Kendall, FL Metropolitan Division—Con.												
325	Chemical manufacturing	1	94	18	3 348	150 500	1 555	2 964	51 130	808 450	563 990	1 370 501	37 427
3254	Pharmaceutical and medicine manufacturing	1	18	8	1 526	68 980	725	1 187	21 920	352 932	116 610	468 006	D
32541	Pharmaceutical and medicine manufacturing	1	18	8	1 526	68 980	725	1 187	21 920	352 932	116 610	468 006	D
325412	Pharmaceutical preparation manufacturing	2	10	5	1 141	52 703	564	983	16 742	309 130	92 440	402 084	12 589
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	41	5	1 362	63 581	495	1 091	18 633	413 479	413 993	827 124	19 375
32562	Toilet preparation manufacturing	—	21	4	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	21	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	5	93	24	2 208	63 596	1 744	3 506	44 121	193 077	138 446	330 627	12 441
3261	Plastics product manufacturing ..	5	74	22	2 006	55 939	1 582	3 161	38 493	177 869	117 210	293 840	12 003
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	7	7	3	274	6 376	228	444	4 357	16 283	16 885	32 585	D
32619	Other plastics product manufacturing	5	48	13	1 247	34 980	948	1 814	23 044	120 184	51 581	171 440	4 923
326199	All other plastics product manufacturing	5	45	12	1 200	33 750	928	1 776	22 563	117 858	50 726	168 240	D
327	Nonmetallic mineral product manufacturing	4	109	35	2 578	92 104	1 929	4 016	60 645	279 945	217 413	494 616	31 847
3273	Cement and concrete product manufacturing	4	63	30	2 176	80 073	1 627	3 381	52 548	252 225	195 979	445 367	30 487
32731	Cement manufacturing	5	3	2	520	25 988	391	834	17 784	89 186	66 759	155 110	D
327310	Cement manufacturing	5	3	2	520	25 988	391	834	17 784	89 186	66 759	155 110	D
32732	Ready-mix concrete manufacturing	—	25	17	629	21 890	487	1 003	16 056	64 439	78 999	143 204	D
327320	Ready-mix concrete manufacturing	—	25	17	629	21 890	487	1 003	16 056	64 439	78 999	143 204	D
32739	Other concrete product manufacturing	7	25	8	f	D	D	D	D	D	D	D	3 280
327390	Other concrete product manufacturing	7	25	8	f	D	D	D	D	D	D	D	3 280
331	Primary metal manufacturing	—	16	3	305	12 621	221	487	7 090	32 032	20 705	52 763	1 822
3315	Foundries	—	5	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	249	45	5 124	148 756	3 876	8 158	92 356	340 308	270 699	612 719	10 802
3322	Cutlery and handtool manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	3	106	25	3 086	88 694	2 239	4 832	53 116	210 123	187 166	399 608	6 897
33232	Ornamental and architectural metal products manufacturing	2	83	21	2 889	81 798	2 095	4 554	49 074	196 516	171 067	369 892	6 423
332321	Metal window and door manufacturing	2	36	12	1 894	53 272	1 299	2 951	29 170	139 793	125 041	267 258	3 502
332322	Sheet metal work manufacturing	4	24	6	630	17 553	492	974	12 125	36 758	28 239	64 663	2 186
332323	Ornamental and architectural metal work manufacturing ..	5	23	3	365	10 973	304	629	7 779	19 965	17 787	37 971	735
3325	Hardware manufacturing	—	7	2	570	15 711	488	1 094	10 129	26 704	9 014	35 933	289
33251	Hardware manufacturing	—	7	2	570	15 711	488	1 094	10 129	26 704	9 014	35 933	289
332510	Hardware manufacturing	—	7	2	570	15 711	488	1 094	10 129	26 704	9 014	35 933	289
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	68	5	467	14 697	352	708	9 523	26 634	10 377	36 667	1 275
3328	Coating, engraving, heat treating, and allied activities	2	24	5	341	9 628	260	426	6 739	23 518	6 633	30 152	846
33281	Coating, engraving, heat treating, and allied activities ..	2	24	5	341	9 628	260	426	6 739	23 518	6 633	30 152	846

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	Miami-Miami Beach-Kendall, FL Metropolitan Division— Con.												
333	Machinery manufacturing	5	109	16	1 488	52 559	1 050	2 113	30 131	130 771	100 355	231 418	3 518
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	8	24	8	619	20 159	479	949	13 670	49 033	48 013	97 213	1 287
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	8	24	8	619	20 159	479	949	13 670	49 033	48 013	97 213	1 287
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	9	18	6	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	2	21	4	416	15 789	263	549	7 420	29 842	22 507	52 331	1 079
33392	Material handling equipment manufacturing	1	11	3	e	D	D	D	D	D	D	D	987
334	Computer and electronic product manufacturing	1	66	12	2 034	70 946	1 247	1 980	28 892	314 758	202 355	520 064	7 520
3344	Semiconductor and other electronic component manufacturing	2	7	4	e	D	D	D	D	D	D	D	2 441
33441	Semiconductor and other electronic component manufacturing	2	7	4	e	D	D	D	D	D	D	D	2 441
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	22	4	1 380	48 082	866	1 377	20 833	239 653	158 034	401 536	3 992
33451	Navigational, measuring, electromedical, and control instruments manufacturing	1	22	4	1 380	48 082	866	1 377	20 833	239 653	158 034	401 536	3 992
334516	Analytical laboratory instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	37	7	1 044	26 884	824	1 625	16 995	61 605	35 417	96 454	1 044
3351	Electric lighting equipment manufacturing	2	23	6	893	23 046	710	1 401	14 599	51 891	21 908	72 747	D
33512	Lighting fixture manufacturing	2	23	6	893	23 046	710	1 401	14 599	51 891	21 908	72 747	D
335121	Residential electric lighting fixture manufacturing	2	18	5	861	22 282	686	1 355	14 134	49 728	21 049	69 719	D
336	Transportation equipment manufacturing	6	95	22	2 216	79 313	1 686	3 372	51 692	188 912	198 644	397 007	8 000
3362	Motor vehicle body and trailer manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	5	22	2	255	6 528	226	438	5 348	12 243	11 466	23 588	383
3364	Aerospace product and parts manufacturing	7	21	9	721	41 266	491	1 054	24 161	83 576	102 274	195 826	4 811
33641	Aerospace product and parts manufacturing	7	21	9	721	41 266	491	1 054	24 161	83 576	102 274	195 826	4 811
336412	Aircraft engine and engine parts manufacturing	9	9	5	440	28 314	315	690	16 768	59 782	83 576	153 744	D
3366	Ship and boat building	5	37	7	838	23 620	668	1 368	17 501	72 711	63 840	136 551	2 115
33661	Ship and boat building	5	37	7	838	23 620	668	1 368	17 501	72 711	63 840	136 551	2 115
336612	Boat building	5	31	6	801	22 545	639	1 302	16 647	70 650	62 480	133 130	2 085

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MIAMI-FORT LAUDERDALE-MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.													
Miami-Miami Beach-Kendall, FL Metropolitan Division—Con.													
337	Furniture and related product manufacturing	2	292	36	3 828	96 658	3 012	5 890	61 615	198 212	154 106	348 359	8 492
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	220	21	2 008	50 896	1 564	2 971	32 486	106 669	73 004	180 082	3 737
33711	Wood kitchen cabinet and countertop manufacturing	3	110	8	771	19 965	525	993	10 687	41 251	24 715	66 920	769
337110	Wood kitchen cabinet and countertop manufacturing ..	3	110	8	771	19 965	525	993	10 687	41 251	24 715	66 920	769
33712	Household and institutional furniture manufacturing	3	110	13	1 237	30 931	1 039	1 978	21 799	65 418	48 289	113 162	2 968
337121	Upholstered household furniture manufacturing	3	22	5	267	7 232	231	394	5 639	13 824	15 945	29 681	451
337122	Nonupholstered wood household furniture manufacturing	6	60	5	431	9 830	378	706	7 667	20 737	15 608	36 278	2 204
337124	Metal household furniture manufacturing	1	8	2	311	7 159	246	499	4 279	15 860	7 542	22 794	55
3372	Office furniture (including fixtures) manufacturing	1	38	10	g	D	D	D	D	D	D	D	1 981
33721	Office furniture (including fixtures) manufacturing	1	38	10	g	D	D	D	D	D	D	D	1 981
337215	Showcase, partition, shelving, and locker manufacturing	1	21	7	1 107	27 647	917	1 915	18 881	49 819	36 046	81 744	1 484
3379	Other furniture related product manufacturing	3	34	5	e	D	D	D	D	D	D	D	2 774
339	Miscellaneous manufacturing	1	'285	37	'7 997	'315 111	'4 024	'7 676	'94 172	'1 105 997	'252 168	'1 331 556	'42 584
3391	Medical equipment and supplies manufacturing	—	120	16	6 352	271 001	2 806	5 428	70 135	1 015 857	166 132	1 157 244	40 027
33911	Medical equipment and supplies manufacturing	—	120	16	6 352	271 001	2 806	5 428	70 135	1 015 857	166 132	1 157 244	40 027
339112	Surgical and medical instrument manufacturing ..	—	13	6	1 717	50 594	1 270	2 315	20 935	204 847	41 505	244 568	9 959
339113	Surgical appliance and supplies manufacturing	—	19	5	h	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	4	'165	21	'1 645	'44 110	'1 218	'2 248	'24 037	'90 140	'86 036	'174 312	'2 557
33991	Jewelry and silverware manufacturing	3	52	2	315	7 141	230	403	4 311	12 021	25 102	37 117	522
339911	Jewelry (except costume) manufacturing	3	43	2	279	6 314	201	367	3 904	10 571	23 935	34 508	376
33995	Sign manufacturing	4	'45	7	'455	'15 738	'296	'570	'7 177	'31 569	'22 306	'52 986	D
339950	Sign manufacturing	4	'45	7	'455	'15 738	'296	'570	'7 177	'31 569	'22 306	'52 986	D
33999	All other miscellaneous manufacturing	5	44	9	635	15 503	504	936	9 178	33 481	31 907	64 358	1 095
339999	All other miscellaneous manufacturing	5	37	9	606	14 572	482	893	8 607	30 994	30 328	60 292	D
West Palm Beach-Boca Raton-Boynton Beach, FL Metropolitan Division													
31-33	Manufacturing	2	1 078	180	18 234	674 541	11 486	22 909	353 919	1 718 538	1 475 370	3 204 558	104 618
311	Food manufacturing	1	87	19	3 061	110 098	2 116	4 836	82 716	345 100	430 371	810 967	19 515
3113	Sugar and confectionery product manufacturing	—	11	6	2 061	78 258	1 448	3 452	62 499	244 604	352 696	631 311	D
31131	Sugar manufacturing	—	6	5	2 022	77 442	1 429	3 417	62 080	242 788	351 618	628 409	15 934
311311	Sugarcane mills	—	6	5	2 022	77 442	1 429	3 417	62 080	242 788	351 618	628 409	15 934
3118	Bakeries and tortilla manufacturing	7	49	6	614	19 388	371	758	11 794	47 912	20 635	68 324	1 456
31181	Bread and bakery product manufacturing	7	48	6	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	9	12	4	346	13 113	208	465	9 284	35 418	13 659	48 939	986
312	Beverage and tobacco product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	1	35	5	389	11 028	254	507	5 215	23 681	12 227	35 591	241
3149	Other textile product mills	—	13	4	256	7 530	151	307	3 466	17 799	7 750	25 236	169

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	West Palm Beach-Boca Raton- Boynton Beach, FL Metropolitan Division—Con.												
315	Apparel manufacturing	8	26	3	442	9 095	352	621	5 490	21 857	31 051	52 784	D
3152	Cut and sew apparel manufacturing	8	21	3	425	8 658	342	603	5 295	21 041	30 536	51 431	D
31523	Women's and girls' cut and sew apparel manufacturing	8	6	2	352	7 595	278	523	4 573	18 686	29 064	47 668	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	35	9	668	18 080	525	936	11 825	35 582	36 906	71 943	2 013
3212	Veneer, plywood, and engineered wood product manufacturing	5	9	6	492	12 870	398	723	8 579	28 158	27 110	54 684	1 750
32121	Veneer, plywood, and engineered wood product manufacturing	5	9	6	492	12 870	398	723	8 579	28 158	27 110	54 684	1 750
321214	Truss manufacturing	4	7	5	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	130	11	915	29 883	618	1 077	18 055	63 485	31 187	95 002	3 157
3231	Printing and related support activities	2	130	11	915	29 883	618	1 077	18 055	63 485	31 187	95 002	3 157
32311	Printing	2	120	11	875	28 484	587	1 036	17 172	61 628	30 456	92 410	3 092
323110	Commercial lithographic printing	1	38	4	317	11 278	177	341	5 851	20 910	12 431	33 361	1 260
325	Chemical manufacturing	3	28	5	681	25 011	481	960	12 028	105 713	65 769	171 463	7 678
3254	Pharmaceutical and medicine manufacturing	4	8	3	504	18 039	367	734	8 968	76 935	20 137	96 253	D
32541	Pharmaceutical and medicine manufacturing	4	8	3	504	18 039	367	734	8 968	76 935	20 137	96 253	D
325412	Pharmaceutical preparation manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	4	43	11	650	18 777	488	782	11 263	39 318	34 449	73 974	3 303
3261	Plastics product manufacturing ..	4	36	9	469	14 498	338	640	8 196	31 090	27 264	58 094	D
32619	Other plastics product manufacturing	4	28	7	361	10 983	277	528	6 380	25 158	21 135	45 318	1 761
326199	All other plastics product manufacturing	4	28	7	361	10 983	277	528	6 380	25 158	21 135	45 318	1 761
327	Nonmetallic mineral product manufacturing	3	75	31	1 342	51 879	992	2 161	33 670	153 136	143 127	297 557	7 094
3273	Cement and concrete product manufacturing	3	42	24	1 000	37 336	769	1 688	25 831	119 499	109 120	227 703	5 104
32732	Ready-mix concrete manufacturing	3	19	12	456	18 145	364	798	13 818	63 474	80 795	143 954	D
327320	Ready-mix concrete manufacturing	3	19	12	456	18 145	364	798	13 818	63 474	80 795	143 954	D
32739	Other concrete product manufacturing	4	19	9	e	D	D	D	D	D	D	D	1 690
327390	Other concrete product manufacturing	4	19	9	e	D	D	D	D	D	D	D	1 690
332	Fabricated metal product manufacturing	5	132	19	1 397	50 652	1 036	2 014	32 938	147 506	104 170	250 427	7 087
3323	Architectural and structural metals manufacturing	3	49	9	526	18 632	382	681	11 418	53 019	47 626	100 253	2 806
33232	Ornamental and architectural metal products manufacturing	1	37	6	405	14 452	296	500	9 011	40 631	31 744	71 976	2 390
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	40	4	286	9 466	212	389	6 637	19 827	10 626	30 087	1 198
333	Machinery manufacturing	2	51	14	868	35 259	483	891	15 251	70 572	60 695	132 699	4 077
3339	Other general purpose machinery manufacturing	3	17	5	322	13 225	174	359	5 236	26 624	22 864	50 701	1 253
33399	All other general purpose machinery manufacturing	2	12	4	274	11 093	149	306	4 316	21 527	16 516	39 256	1 068
333999	All other miscellaneous general purpose machinery manufacturing	2	11	4	267	10 842	145	298	4 202	21 527	16 516	39 256	1 068

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	West Palm Beach-Boca Raton- Boynton Beach, FL Metropolitan Division—Con.												
334	Computer and electronic product manufacturing	2	52	15	2 434	92 167	1 088	2 114	32 889	223 705	143 840	368 314	15 636
3341	Computer and peripheral equipment manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	1	6	2	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	2	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	3	16	5	f	D	D	D	D	D	D	D	5 893
33441	Semiconductor and other electronic component manufacturing	3	16	5	f	D	D	D	D	D	D	D	5 893
334413	Semiconductor and related device manufacturing	8	4	2	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	16	5	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	16	5	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	3	41	8	2 036	114 986	840	1 701	35 450	197 987	142 462	310 239	D
3364	Aerospace product and parts manufacturing	3	5	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	3	5	3	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	2	23	4	366	10 662	284	539	7 250	22 389	16 742	39 131	354
33661	Ship and boat building	2	23	4	366	10 662	284	539	7 250	22 389	16 742	39 131	354
337	Furniture and related product manufacturing	2	159	9	1 199	35 315	899	1 791	21 385	83 889	64 618	148 568	2 263
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	132	6	670	18 359	526	1 015	12 422	34 641	26 165	60 778	1 218
33711	Wood kitchen cabinet and countertop manufacturing	4	73	3	334	9 222	256	478	6 060	18 970	11 867	30 831	874
337110	Wood kitchen cabinet and countertop manufacturing ..	4	73	3	334	9 222	256	478	6 060	18 970	11 867	30 831	874
33712	Household and institutional furniture manufacturing	3	59	3	336	9 137	270	537	6 362	15 671	14 298	29 947	344
3372	Office furniture (including fixtures) manufacturing	5	22	2	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	5	22	2	e	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
33791	Mattress manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	5	140	13	1 377	44 495	918	1 722	23 949	113 162	69 563	185 544	8 140
3391	Medical equipment and supplies manufacturing	1	60	3	464	16 150	316	584	9 416	49 829	12 781	61 941	2 061
33911	Medical equipment and supplies manufacturing	1	60	3	464	16 150	316	584	9 416	49 829	12 781	61 941	2 061

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MIAMI-FORT LAUDERDALE- MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA—Con.												
	West Palm Beach-Boca Raton- Boynton Beach, FL Metropolitan Division—Con.												
339 3399	Miscellaneous manufacturing—Con. Other miscellaneous manufacturing	6	80	10	913	28 345	602	1 138	14 533	63 333	56 782	123 603	6 079
33999	All other miscellaneous manufacturing	6	15	4	515	14 806	346	646	7 901	25 364	21 364	50 733	2 958
339999	All other miscellaneous manufacturing	6	15	4	515	14 806	346	646	7 901	25 364	21 364	50 733	2 958
	NAPLES-MARCO ISLAND, FL METROPOLITAN STATISTICAL AREA												
31-33	Manufacturing	3	252	30	2 733	100 840	1 815	3 512	53 659	235 764	197 111	437 510	10 058
327	Nonmetallic mineral product manufacturing	1	29	7	517	22 010	352	788	13 157	63 623	49 354	112 707	2 759
3273	Cement and concrete product manufacturing	—	13	5	411	18 754	275	649	11 019	56 338	44 469	100 580	2 014
334	Computer and electronic product manufacturing	7	10	5	262	12 465	159	304	5 230	29 775	24 290	53 939	2 171
336	Transportation equipment manufacturing	—	8	2	267	12 917	113	245	3 949	23 701	14 176	43 915	152
337	Furniture and related product manufacturing	2	44	4	471	14 466	319	610	8 333	28 593	27 547	55 698	804
	OCALA, FL METROPOLITAN STATISTICAL AREA												
31-33	Manufacturing	1	245	72	9 065	279 539	6 857	13 781	175 633	724 731	666 367	1 381 488	31 763
311	Food manufacturing	8	13	1	337	11 825	236	411	6 808	69 163	48 310	115 345	2 450
3119	Other food manufacturing	8	6	1	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	21	18	1 263	36 226	992	2 105	24 222	79 366	99 988	183 438	2 505
3212	Veneer, plywood, and engineered wood product manufacturing	—	6	6	295	8 854	240	520	6 174	21 590	25 031	46 767	687
32121	Veneer, plywood, and engineered wood product manufacturing	—	6	6	295	8 854	240	520	6 174	21 590	25 031	46 767	687
3219	Other wood product manufacturing	1	15	12	968	27 372	752	1 585	18 048	57 776	74 957	136 671	1 818
32191	Millwork	—	6	4	e	D	D	D	D	D	D	D	983
321911	Wood window and door manufacturing	—	4	4	384	8 993	288	673	5 110	16 146	17 951	34 505	D
32199	All other wood product manufacturing	1	8	7	515	16 465	401	788	11 467	37 046	50 387	91 038	D
321991	Manufactured home (mobile home) manufacturing	1	6	6	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	15	7	815	27 713	688	1 558	21 738	56 778	41 392	98 098	D
3261	Plastics product manufacturing ..	2	14	6	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	11	5	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	14	6	282	10 184	217	450	7 017	27 979	32 291	60 863	1 521

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OCALA, FL METROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing	-	41	10	1 982	57 695	1 597	3 130	39 655	175 263	138 630	312 045	12 045
3323	Architectural and structural metals manufacturing	1	19	5	399	11 908	330	731	8 580	22 331	17 462	39 706	663
33232	Ornamental and architectural metal products manufacturing	1	13	3	279	8 067	235	543	5 696	14 143	11 786	25 871	424
3326	Spring and wire product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	12	5	649	23 215	377	797	10 319	56 508	40 519	95 502	3 394
3339	Other general purpose machinery manufacturing	1	5	2	e	D	D	D	D	D	D	D	585
33399	All other general purpose machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	3	7	5	496	18 611	297	508	7 271	38 576	51 089	91 370	1 590
3344	Semiconductor and other electronic component manufacturing	7	3	3	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	7	3	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	20	4	1 549	50 616	1 148	2 350	31 069	119 697	120 151	229 920	2 754
3362	Motor vehicle body and trailer manufacturing	-	8	3	g	D	D	D	D	D	D	D	2 507
33621	Motor vehicle body and trailer manufacturing	-	8	3	g	D	D	D	D	D	D	D	2 507
336211	Motor vehicle body manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	23	5	814	18 859	684	1 316	14 677	38 150	39 236	77 127	1 750
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	20	4	729	17 725	647	1 235	13 881	36 274	38 422	74 436	D
33711	Wood kitchen cabinet and countertop manufacturing	-	15	2	412	10 602	371	690	8 552	20 091	17 944	37 812	1 260
337110	Wood kitchen cabinet and countertop manufacturing ..	-	15	2	412	10 602	371	690	8 552	20 091	17 944	37 812	1 260
33712	Household and institutional furniture manufacturing	-	5	2	317	7 123	276	545	5 329	16 183	20 478	36 624	D
339	Miscellaneous manufacturing	3	28	3	266	7 843	182	352	3 811	19 416	11 852	31 397	D
PALATKA, FL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	38	13	2 309	94 319	1 869	3 628	67 862	363 832	350 752	714 730	34 813
322	Paper manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	2	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	2	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	2	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	5	2	389	8 231	333	356	5 516	15 392	32 837	46 178	D
3323	Architectural and structural metals manufacturing	4	5	2	389	8 231	333	356	5 516	15 392	32 837	46 178	D
33231	Plate work and fabricated structural product manufacturing	4	3	2	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	4	3	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	PALM BAY-MELBOURNE-TITUSVILLE, FL METROPOLITAN STATISTICAL AREA												
31-33	Manufacturing	-	459	99	18 347	864 589	8 569	15 690	269 307	2 580 956	1 346 810	3 961 072	131 769
321	Wood product manufacturing	-	9	6	489	15 277	325	663	7 638	24 589	24 626	52 203	1 974
3212	Veneer, plywood, and engineered wood product manufacturing	-	4	4	425	14 027	275	583	6 823	24 755	22 594	47 607	888
32121	Veneer, plywood, and engineered wood product manufacturing	-	4	4	425	14 027	275	583	6 823	24 755	22 594	47 607	888
321214	Truss manufacturing	-	4	4	425	14 027	275	583	6 823	24 755	22 594	47 607	888
326	Plastics and rubber products manufacturing	5	20	5	350	9 093	271	576	6 183	21 444	15 053	36 474	697
3261	Plastics product manufacturing ..	5	20	5	350	9 093	271	576	6 183	21 444	15 053	36 474	697
32619	Other plastics product manufacturing	3	12	4	272	6 486	207	447	4 332	15 176	7 462	22 597	243
326199	All other plastics product manufacturing	3	11	4	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	22	5	293	10 404	220	452	7 306	32 373	35 784	68 059	2 189
331	Primary metal manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	79	17	1 058	136 672	742	1 513	22 060	161 176	137 793	198 947	2 519
3323	Architectural and structural metals manufacturing	3	22	5	350	12 983	190	354	5 568	15 612	15 047	31 302	532
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	5	30	6	320	10 517	241	490	6 857	16 805	9 312	26 282	647
333	Machinery manufacturing	1	30	7	873	39 959	603	1 185	25 896	111 559	100 502	216 775	4 910
3333	Commercial and service industry machinery manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
333314	Optical instrument and lens manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	60	29	10 607	549 047	3 901	6 648	129 395	1 618 427	735 324	2 381 188	98 686
3341	Computer and peripheral equipment manufacturing	4	11	5	521	26 906	101	209	3 515	58 279	52 485	112 697	D
33411	Computer and peripheral equipment manufacturing	4	11	5	521	26 906	101	209	3 515	58 279	52 485	112 697	D
334111	Electronic computer manufacturing	4	5	4	460	24 953	73	151	2 888	56 736	50 407	107 356	D
3342	Communications equipment manufacturing	-	10	3	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	24	16	3 508	162 727	1 857	3 340	45 953	614 791	240 808	861 319	D
33441	Semiconductor and other electronic component manufacturing	-	24	16	3 508	162 727	1 857	3 340	45 953	614 791	240 808	861 319	D
334412	Bare printed circuit board manufacturing	-	5	3	f	D	D	D	D	D	D	D	2 489
334413	Semiconductor and related device manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	4	4	534	13 873	380	670	7 904	25 927	49 898	74 211	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	12	4	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	12	4	i	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	5	2	h	D	D	D	D	D	D	D	D

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

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PALM BAY-MELBOURNE-TITUSVILLE, FL METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	-	33	9	2 872	143 459	1 278	2 547	37 693	571 598	284 205	854 609	14 073
3364	Aerospace product and parts manufacturing	-	6	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	6	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	14	6	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	14	6	g	D	D	D	D	D	D	D	D
336612	Boat building	-	13	6	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	23	2	263	7 124	209	463	4 905	13 821	10 370	24 192	154
339	Miscellaneous manufacturing	4	71	7	565	20 453	359	663	9 971	36 581	19 038	55 344	1 634
3399	Other miscellaneous manufacturing	3	46	4	323	11 261	209	393	5 884	23 578	12 326	35 619	858
PANAMA CITY-LYNN HAVEN, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	133	24	3 671	140 689	2 793	5 644	95 135	404 555	421 862	844 800	30 348
322	Paper manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	18	3	559	22 783	446	893	15 642	119 671	29 060	151 402	3 597
3321	Forging and stamping.....	-	2	2	e	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	-	2	2	e	D	D	D	D	D	D	D	D
332114	Custom roll forming	-	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	17	5	1 026	34 083	943	1 915	29 992	70 471	73 344	144 236	12 208
3363	Motor vehicle parts manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	10	3	693	22 683	645	1 353	20 747	40 159	50 351	90 510	D
33661	Ship and boat building	-	10	3	693	22 683	645	1 353	20 747	40 159	50 351	90 510	D
336611	Ship building and repairing ..	-	4	1	e	D	D	D	D	D	D	D	D
336612	Boat building	-	6	2	e	D	D	D	D	D	D	D	D
PENSACOLA-FERRY PASS-BRENT, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	285	53	6 914	272 839	4 962	10 118	166 043	921 409	1 216 740	2 137 693	61 668
322	Paper manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	-	2	2	e	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	15	8	1 707	83 704	1 071	2 457	41 007	405 022	675 714	1 075 188	17 710
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing.....	-	5	5	1 414	71 964	896	2 097	34 137	275 468	527 303	799 222	5 111
32521	Resin and synthetic rubber manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	2	2	g	D	D	D	D	D	D	D	D

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

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PENSACOLA-FERRY PASS-BRENT, FL METROPOLITAN STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing	5	10	3	355	9 875	280	565	6 663	21 925	15 937	38 241	717
327	Nonmetallic mineral product manufacturing	1	26	5	600	25 679	481	1 090	19 436	81 521	48 547	131 376	8 567
3273	Cement and concrete product manufacturing	3	19	3	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	5	2	e	D	D	D	D	D	D	D	4 560
32799	All other nonmetallic mineral product manufacturing	—	5	2	e	D	D	D	D	D	D	D	4 560
327993	Mineral wool manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	42	8	869	25 459	661	1 234	16 074	63 980	90 027	153 826	12 721
3323	Architectural and structural metals manufacturing	—	20	5	514	17 210	395	667	10 723	42 177	67 782	109 365	12 433
33232	Ornamental and architectural metal products manufacturing	—	11	2	366	12 337	286	436	7 801	34 943	53 212	87 509	D
332321	Metal window and door manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	16	4	525	13 708	444	987	8 130	1 746	64 410	89 567	D
3363	Motor vehicle parts manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	5	47	3	399	9 384	320	485	5 965	17 287	8 381	25 629	613
3399	Other miscellaneous manufacturing	4	24	2	278	5 739	229	326	3 577	10 457	6 185	16 611	316
PORT ST. LUCIE-FORT PIERCE, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	298	52	4 970	175 633	3 658	6 904	113 161	537 630	664 799	1 133 819	52 990
311	Food manufacturing	—	15	5	818	31 089	646	1 375	21 067	213 023	329 552	453 479	30 842
3114	Fruit and vegetable preserving and specialty food manufacturing	—	4	4	745	28 528	594	1 266	19 249	203 144	314 157	428 591	29 205
31141	Frozen food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	2	2	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	—	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	7	37	3	283	9 999	217	395	6 200	18 215	11 703	29 923	715
3231	Printing and related support activities	7	37	3	283	9 999	217	395	6 200	18 215	11 703	29 923	715
32311	Printing	7	35	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	25	11	565	17 167	459	950	13 393	63 112	58 597	121 565	6 176
3273	Cement and concrete product manufacturing	2	15	9	419	13 367	350	746	10 347	54 312	51 667	105 932	5 972
332	Fabricated metal product manufacturing	2	43	5	343	13 089	237	454	7 805	30 807	14 167	45 623	2 424
336	Transportation equipment manufacturing	1	23	9	1 450	54 650	1 082	2 014	39 499	101 460	150 275	263 884	4 285
3364	Aerospace product and parts manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	3	14	6	684	20 467	494	956	14 716	35 868	58 036	93 904	2 504
33661	Ship and boat building	3	14	6	684	20 467	494	956	14 716	35 868	58 036	93 904	2 504
336612	Boat building	3	14	6	684	20 467	494	956	14 716	35 868	58 036	93 904	2 504
339	Miscellaneous manufacturing	2	36	4	260	8 635	188	292	4 183	19 405	8 173	27 775	1 468

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
31-33	PUNTA GORDA, FL METROPOLITAN STATISTICAL AREA												
	Manufacturing	3	86	7	638	21 602	448	884	12 544	64 113	42 818	106 507	1 906
	SARASOTA-BRADENTON-VENICE, FL METROPOLITAN STATISTICAL AREA												
31-33	Manufacturing	1	654	145	17 443	611 583	11 834	23 148	336 104	1 641 853	1 737 518	3 496 071	166 011
311	Food manufacturing	—	29	4	h	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	g	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	—	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	16	2	f	D	D	D	D	D	D	D	1 266
31181	Bread and bakery product manufacturing	—	16	2	f	D	D	D	D	D	D	D	1 266
311812	Commercial bakeries	—	6	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	20	4	617	20 507	403	792	10 882	34 525	46 034	80 542	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	6	4	554	18 821	347	693	9 645	31 060	41 223	72 269	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	6	4	554	18 821	347	693	9 645	31 060	41 223	72 269	D
321214	Truss manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	64	8	514	16 823	362	679	9 938	37 493	16 116	53 518	D
3231	Printing and related support activities	1	64	8	514	16 823	362	679	9 938	37 493	16 116	53 518	D
32311	Printing	1	57	7	471	15 282	329	635	8 950	33 828	15 065	48 802	D
323110	Commercial lithographic printing	—	16	5	280	9 527	208	413	5 888	18 320	9 581	27 812	D
326	Plastics and rubber products manufacturing	3	29	7	716	24 009	564	1 131	15 626	62 139	67 575	130 168	6 690
3261	Plastics product manufacturing ..	3	27	7	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	21	4	491	13 879	392	757	9 023	32 173	22 822	55 744	D
326199	All other plastics product manufacturing	2	19	4	e	D	D	D	D	D	D	D	4 267
327	Nonmetallic mineral product manufacturing	—	40	16	1 097	39 080	896	1 986	29 804	122 968	107 617	237 450	5 879
3272	Glass and glass product manufacturing	—	4	3	386	14 917	327	719	11 338	38 188	31 883	70 379	D
32721	Glass and glass product manufacturing	—	4	3	386	14 917	327	719	11 338	38 188	31 883	70 379	D
3273	Cement and concrete product manufacturing	—	27	12	620	21 267	504	1 145	16 658	75 064	73 254	155 120	4 749
332	Fabricated metal product manufacturing	1	99	20	3 105	100 659	2 057	3 859	51 859	221 911	147 217	368 077	9 919
3323	Architectural and structural metals manufacturing	1	35	9	1 935	65 015	1 180	2 272	30 713	145 695	107 497	252 047	6 383
33232	Ornamental and architectural metal products manufacturing	1	27	7	1 744	59 726	1 048	2 002	27 376	139 286	90 654	229 659	D
332321	Metal window and door manufacturing	1	13	6	1 659	57 184	987	1 909	25 755	127 914	83 257	210 926	4 527
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	40	6	291	8 297	247	462	6 155	15 470	5 936	21 381	1 024
3329	Other fabricated metal product manufacturing	1	9	4	669	20 015	498	884	10 650	40 778	27 826	68 767	2 189
33291	Metal valve manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	—	2	2	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SARASOTA-BRADENTON- VENICE, FL METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	3	61	18	1 284	48 796	805	1 495	23 356	122 591	94 864	210 270	3 145
3339	Other general purpose machinery manufacturing	1	19	10	890	32 466	543	999	14 505	78 570	61 570	138 438	1 554
33399	All other general purpose machinery manufacturing	1	11	7	679	22 663	456	843	11 531	46 207	39 099	85 030	1 323
334	Computer and electronic product manufacturing	2	34	15	1 581	65 239	792	1 412	17 130	168 213	114 613	283 682	5 946
3342	Communications equipment manufacturing	5	10	6	368	18 203	153	324	5 432	44 221	36 050	78 031	1 807
3344	Semiconductor and other electronic component manufacturing	1	8	4	760	22 564	468	824	7 768	70 478	32 528	105 437	2 145
33441	Semiconductor and other electronic component manufacturing	1	8	4	760	22 564	468	824	7 768	70 478	32 528	105 437	2 145
334419	Other electronic component manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	12	4	369	19 887	152	222	3 172	48 527	38 242	86 928	1 711
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	12	4	369	19 887	152	222	3 172	48 527	38 242	86 928	1 711
335	Electrical equipment, appliance, and component manufacturing	1	19	7	1 011	33 455	605	1 233	15 372	79 105	49 771	126 329	11 859
3353	Electrical equipment manufacturing	—	11	3	413	15 001	261	489	7 649	30 407	25 566	54 513	D
33531	Electrical equipment manufacturing	—	11	3	413	15 001	261	489	7 649	30 407	25 566	54 513	D
3359	Other electrical equipment and component manufacturing	—	5	3	565	17 544	319	691	7 189	46 863	22 511	68 287	D
33593	Wiring device manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	37	15	2 236	72 746	1 613	3 243	50 059	168 242	187 016	356 487	10 819
3366	Ship and boat building	1	20	7	1 310	43 160	900	2 027	32 759	95 731	105 564	201 295	4 619
33661	Ship and boat building	1	20	7	1 310	43 160	900	2 027	32 759	95 731	105 564	201 295	4 619
336612	Boat building	1	17	5	1 244	40 980	848	1 932	31 125	83 389	100 436	183 825	4 169
3369	Other transportation equipment manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	4	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	69	10	1 107	30 359	860	1 731	20 199	68 917	47 659	117 177	1 764
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	57	6	876	23 809	719	1 459	17 201	57 481	40 158	98 336	1 096
33711	Wood kitchen cabinet and countertop manufacturing	5	33	3	273	7 337	199	364	4 591	12 335	8 833	21 885	333
337110	Wood kitchen cabinet and countertop manufacturing ..	5	33	3	273	7 337	199	364	4 591	12 335	8 833	21 885	333
33712	Household and institutional furniture manufacturing	—	24	3	603	16 472	520	1 095	12 610	45 146	31 325	76 451	763
337124	Metal household furniture manufacturing	—	5	3	514	14 332	447	958	11 014	38 911	25 079	63 970	D
339	Miscellaneous manufacturing	2	79	15	859	27 118	552	1 051	13 235	55 606	30 262	84 896	7 072
3391	Medical equipment and supplies manufacturing	2	36	6	352	11 929	255	497	6 575	21 320	8 689	30 177	1 619
33911	Medical equipment and supplies manufacturing	2	36	6	352	11 929	255	497	6 575	21 320	8 689	30 177	1 619
3399	Other miscellaneous manufacturing	2	43	9	507	15 189	297	554	6 660	34 286	21 573	54 719	5 453
SEBRING, FL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	49	11	996	29 580	798	1 630	21 352	96 027	131 182	227 144	3 011
326	Plastics and rubber products manufacturing	—	5	3	265	6 957	221	416	5 935	20 540	12 475	33 415	429
3261	Plastics product manufacturing ..	—	4	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TALLAHASSEE, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	162	32	3 712	126 847	2 521	4 638	65 168	277 360	363 381	633 820	19 247
321	Wood product manufacturing	-	8	2	338	11 312	312	555	9 706	11 610	41 414	54 786	1 070
3212	Veneer, plywood, and engineered wood product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	36	6	773	25 278	556	1 060	14 895	54 078	38 371	92 381	3 131
3231	Printing and related support activities	2	36	6	773	25 278	556	1 060	14 895	54 078	38 371	92 381	3 131
32311	Printing	2	31	6	744	24 376	530	1 035	14 328	52 192	37 949	90 065	2 967
323110	Commercial lithographic printing	-	15	4	458	15 380	301	570	8 286	32 835	21 531	54 242	2 250
325	Chemical manufacturing	1	6	1	357	17 197	220	415	6 927	46 053	25 322	71 574	D
3259	Other chemical product and preparation manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
32592	Explosives manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	8	5	657	27 226	265	525	6 226	48 178	156 867	198 743	4 718
3344	Semiconductor and other electronic component manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	14	3	518	10 941	444	833	7 510	23 618	20 077	42 216	1 378
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	12	2	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	2 453	590	72 382	2 722 101	45 874	91 562	1 298 141	7 429 135	7 015 820	14 489 817	427 919
311	Food manufacturing	1	'124	'31	'4 583	'139 962	'3 400	'6 887	'86 748	'682 831	'835 083	'1 520 203	'23 818
3114	Fruit and vegetable preserving and specialty food manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	5	7	5	532	18 971	406	692	13 059	163 856	135 928	300 391	D
31152	Ice cream and frozen dessert manufacturing	5	4	3	480	16 328	369	612	11 817	143 775	124 371	268 788	4 489
311520	Ice cream and frozen dessert manufacturing	5	4	3	480	16 328	369	612	11 817	143 775	124 371	268 788	4 489
3116	Animal slaughtering and processing	1	15	4	837	26 403	680	1 430	20 033	134 899	44 420	180 726	3 960
31161	Animal slaughtering and processing	1	15	4	837	26 403	680	1 430	20 033	134 899	44 420	180 726	3 960
311612	Meat processed from carcasses	-	5	1	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	7	2	g	D	D	D	D	D	D	D	1 601
31171	Seafood product preparation and packaging	-	7	2	g	D	D	D	D	D	D	D	1 601
311712	Fresh and frozen seafood processing	-	6	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA—Con.													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	6	52	6	1 152	30 404	673	1 111	14 016	34 766	27 955	63 002	982
31181	Bread and bakery product manufacturing	8	50	5	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	8	21	2	648	19 310	319	586	7 938	12 459	4 894	17 396	334
31182	Cookie, cracker, and pasta manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	4	24	7	254	8 296	179	385	4 276	34 256	31 762	66 044	1 883
312	Beverage and tobacco product manufacturing	1	20	9	1 719	52 793	1 141	2 451	31 284	372 658	480 208	850 799	31 512
3121	Beverage manufacturing	1	18	8	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	15	7	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	5	4	788	21 033	451	996	10 556	223 680	356 411	581 029	D
312112	Bottled water manufacturing	9	5	2	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	4	59	6	380	8 110	290	529	5 162	15 760	16 867	32 856	D
3149	Other textile product mills	5	43	5	308	6 666	228	412	4 164	12 727	13 041	25 997	D
315	Apparel manufacturing	3	50	12	2 448	74 496	1 741	3 001	27 874	198 992	230 486	431 300	11 921
3152	Cut and sew apparel manufacturing	3	44	10	2 374	72 631	1 686	2 896	26 726	196 009	225 440	423 452	D
31522	Men's and boys' cut and sew apparel manufacturing	3	5	3	g	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	—	9	2	e	D	D	D	D	D	D	D	254
321	Wood product manufacturing	2	62	24	2 269	64 091	1 710	3 342	41 789	131 023	187 081	317 537	11 868
3211	Sawmills and wood preservation	—	7	2	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	—	7	2	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	2	10	7	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	2	10	7	e	D	D	D	D	D	D	D	D
321214	Truss manufacturing	—	8	6	372	10 533	301	514	6 928	16 893	11 336	28 259	3 187
3219	Other wood product manufacturing	2	45	15	1 572	43 055	1 125	2 189	26 700	98 298	117 656	216 277	D
32191	Millwork	2	16	4	418	12 464	313	663	7 492	29 972	51 729	82 242	4 126
321911	Wood window and door manufacturing	2	7	2	259	7 269	191	400	4 231	19 715	38 653	58 351	D
32199	All other wood product manufacturing	1	22	9	979	26 106	669	1 235	16 019	58 860	56 719	115 621	2 269
321991	Manufactured home (mobile home) manufacturing	2	6	4	695	20 365	454	910	12 611	44 542	43 653	88 192	1 606
321999	All other miscellaneous wood product manufacturing	—	15	5	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	36	13	1 452	52 236	1 015	2 106	28 509	194 848	231 280	427 844	3 838
3222	Converted paper product manufacturing	—	35	13	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	18	8	1 109	40 578	809	1 724	23 771	135 490	207 847	345 365	2 436
322211	Corrugated and solid fiber box manufacturing	—	10	5	661	24 509	530	1 182	15 968	51 150	111 193	162 793	1 502

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA—Con.													
323	Printing and related support activities	3	326	40	3 992	128 560	2 892	5 481	77 388	290 733	218 978	510 201	13 953
3231	Printing and related support activities	3	326	40	3 992	128 560	2 892	5 481	77 388	290 733	218 978	510 201	13 953
32311	Printing	3	307	36	3 833	122 939	2 778	5 299	73 983	280 419	215 632	496 435	13 155
323110	Commercial lithographic printing	1	120	17	1 857	63 065	1 442	2 887	39 921	130 921	106 628	237 703	5 879
323112	Commercial flexographic printing	1	11	7	321	11 429	230	462	7 250	42 851	27 630	70 846	1 428
323113	Commercial screen printing ..	1	38	5	521	13 645	394	647	7 969	29 927	9 567	40 086	849
323114	Quick printing	4	94	2	472	13 330	327	583	7 955	25 492	10 185	35 709	911
323116	Manifold business forms printing	9	4	2	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	10	5	394	17 698	217	490	8 654	44 335	83 816	127 095	D
3241	Petroleum and coal products manufacturing	—	10	5	394	17 698	217	490	8 654	44 335	83 816	127 095	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	'106	'26	'4 257	'211 234	'2 432	'4 910	'90 113	'755 846	'711 726	'1 459 577	'89 168
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	5	4	293	8 733	209	444	4 683	25 619	17 846	43 111	658
32521	Resin and synthetic rubber manufacturing	1	5	4	293	8 733	209	444	4 683	25 619	17 846	43 111	658
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	'11	'5	'1 055	'59 447	'739	'1 656	'36 675	'205 181	'466 763	'664 551	D
32531	Fertilizer manufacturing	—	'10	'5	g	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	16	6	1 974	104 067	946	1 760	31 165	366 311	108 895	477 690	27 812
32541	Pharmaceutical and medicine manufacturing	—	16	6	1 974	104 067	946	1 760	31 165	366 311	108 895	477 690	27 812
325412	Pharmaceutical preparation manufacturing	—	13	6	1 952	102 819	935	1 739	30 758	362 041	106 086	470 611	D
3255	Paint, coating, and adhesive manufacturing	4	16	4	366	13 719	175	344	3 609	31 402	38 603	70 417	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	3	28	5	323	14 015	203	401	7 020	75 182	37 502	112 963	2 746
32561	Soap and cleaning compound manufacturing	2	23	4	273	11 234	180	353	6 188	63 714	32 871	96 357	2 539
326	Plastics and rubber products manufacturing	2	114	45	3 362	104 263	2 486	5 134	65 513	299 730	230 866	532 476	14 150
3261	Plastics product manufacturing ..	2	101	41	3 178	98 960	2 364	4 899	61 921	285 959	215 261	502 820	13 777
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	4	14	4	284	10 661	230	481	6 980	29 136	30 985	60 558	1 220
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	5	13	6	279	9 761	223	478	6 590	23 586	32 167	55 692	1 575
32619	Other plastics product manufacturing	1	59	25	2 085	58 982	1 544	3 139	38 652	177 585	110 247	288 908	9 133
326191	Plastics plumbing fixture manufacturing	—	6	3	384	8 534	188	442	4 753	20 125	24 959	45 424	1 107
326199	All other plastics product manufacturing	1	53	22	1 701	50 448	1 356	2 697	33 899	157 460	85 288	243 484	8 026
327	Nonmetallic mineral product manufacturing	2	121	37	3 005	107 900	2 374	5 212	75 735	496 104	314 980	811 400	24 793
3272	Glass and glass product manufacturing	1	19	2	319	10 690	262	561	7 855	37 008	11 543	48 551	1 391
32721	Glass and glass product manufacturing	1	19	2	319	10 690	262	561	7 855	37 008	11 543	48 551	1 391
327215	Glass product manufacturing made of purchased glass ..	—	13	2	282	9 304	232	498	6 765	32 931	9 705	42 636	1 216

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing	3	78	29	2 293	80 536	1 800	3 959	55 927	380 712	236 599	617 500	19 825
32732	Ready-mix concrete manufacturing	1	40	10	661	21 700	523	1 124	15 637	84 997	81 339	166 739	4 870
327320	Ready-mix concrete manufacturing	1	40	10	661	21 700	523	1 124	15 637	84 997	81 339	166 739	4 870
32733	Concrete pipe, brick, and block manufacturing	—	15	6	e	D	D	D	D	D	D	D	1 882
32739	Other concrete product manufacturing	3	19	10	1 106	36 243	858	1 860	23 509	146 948	80 850	227 665	7 000
327390	Other concrete product manufacturing	3	19	10	1 106	36 243	858	1 860	23 509	146 948	80 850	227 665	7 000
331	Primary metal manufacturing	1	24	9	971	34 737	717	1 567	22 934	87 297	118 490	205 539	4 899
3313	Alumina and aluminum production and processing	1	5	2	345	13 343	246	547	8 433	21 860	49 321	71 604	970
33131	Alumina and aluminum production and processing	1	5	2	345	13 343	246	547	8 433	21 860	49 321	71 604	970
331316	Aluminum extruded product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3315	Foundries	—	8	3	294	9 181	225	493	6 155	18 268	17 831	36 037	1 254
33152	Nonferrous metal foundries	—	5	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	402	80	7 509	252 417	5 395	10 514	153 980	585 184	435 186	1 017 920	37 342
3321	Forging and stamping	—	11	6	373	11 280	261	430	5 976	25 060	19 758	44 818	678
33211	Forging and stamping	—	11	6	373	11 280	261	430	5 976	25 060	19 758	44 818	678
3322	Cutlery and handtool manufacturing	2	11	2	281	8 522	228	425	5 403	17 131	13 639	30 563	D
33221	Cutlery and handtool manufacturing	2	11	2	281	8 522	228	425	5 403	17 131	13 639	30 563	D
3323	Architectural and structural metals manufacturing	2	123	37	2 959	87 833	2 022	3 975	48 434	207 412	165 590	372 322	14 089
33231	Plate work and fabricated structural product manufacturing	2	41	14	848	31 409	558	1 141	17 543	87 893	68 031	156 728	5 868
332312	Fabricated structural metal manufacturing	3	30	12	695	25 939	480	963	14 408	73 530	51 786	126 165	5 436
33232	Ornamental and architectural metal products manufacturing	1	82	23	2 111	56 424	1 464	2 834	30 891	119 519	97 559	215 594	8 221
332321	Metal window and door manufacturing	1	19	7	699	19 021	408	714	8 446	34 410	30 504	64 250	2 370
332322	Sheet metal work manufacturing	1	39	13	1 102	29 774	811	1 648	17 693	63 406	50 596	112 798	5 463
332323	Ornamental and architectural metal work manufacturing ..	2	24	3	310	7 629	245	472	4 752	21 703	16 459	38 546	388
3324	Boiler, tank, and shipping container manufacturing	—	11	4	453	22 092	329	704	13 974	86 239	92 296	179 632	528
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	153	10	1 091	38 715	801	1 489	25 253	69 251	30 764	99 420	5 599
33271	Machine shops	3	135	8	805	28 398	575	1 020	17 805	49 743	23 059	72 287	4 711
332710	Machine shops	3	135	8	805	28 398	575	1 020	17 805	49 743	23 059	72 287	4 711
33272	Turned product and screw, nut, and bolt manufacturing	6	18	2	286	10 317	226	469	7 448	19 508	7 705	27 133	888
332721	Precision turned product manufacturing	6	15	2	253	8 956	203	417	6 567	16 686	5 923	22 542	D
3328	Coating, engraving, heat treating, and allied activities	2	39	4	258	8 025	189	343	4 839	14 646	5 198	19 929	1 442
33281	Coating, engraving, heat treating, and allied activities ..	2	39	4	258	8 025	189	343	4 839	14 646	5 198	19 929	1 442
3329	Other fabricated metal product manufacturing	—	33	12	1 663	64 366	1 181	2 378	41 225	139 304	83 782	220 328	5 577
33291	Metal valve manufacturing	—	4	4	915	38 186	580	1 145	20 914	96 504	47 972	142 258	3 849
332911	Industrial valve manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	29	8	748	26 180	601	1 233	20 311	42 800	35 810	78 070	1 728
332999	All other miscellaneous fabricated metal product manufacturing	1	21	6	629	21 723	506	1 028	16 756	29 246	27 953	56 919	1 038

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	2	175	50	3 943	178 141	2 050	4 041	70 918	296 479	260 953	578 774	10 823
3332	Industrial machinery manufacturing	—	27	10	643	37 423	250	453	9 941	42 616	73 481	122 629	1 554
33329	Other industrial machinery manufacturing	—	22	9	588	35 661	210	373	9 049	39 097	71 937	117 717	1 543
333295	Semiconductor machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	1	18	7	1 088	55 782	366	737	13 007	76 835	41 128	133 448	2 661
33331	Commercial and service industry machinery manufacturing	1	18	7	1 088	55 782	366	737	13 007	76 835	41 128	133 448	2 661
333319	Other commercial and service industry machinery manufacturing	1	13	4	f	D	D	D	D	D	D	D	2 514
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	11	3	275	8 234	173	345	4 742	35 929	36 193	72 032	1 013
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	11	3	275	8 234	173	345	4 742	35 929	36 193	72 032	1 013
3335	Metalworking machinery manufacturing	1	56	13	925	33 591	685	1 368	22 724	58 285	28 948	86 672	3 398
33351	Metalworking machinery manufacturing	1	56	13	925	33 591	685	1 368	22 724	58 285	28 948	86 672	3 398
333511	Industrial mold manufacturing	—	28	6	535	20 508	421	868	15 168	33 049	14 044	46 893	1 901
3339	Other general purpose machinery manufacturing	2	45	14	847	36 990	467	923	16 813	64 805	57 999	123 925	1 508
33399	All other general purpose machinery manufacturing	1	28	11	674	30 309	356	716	13 606	51 214	43 566	96 458	1 116
333993	Packaging machinery manufacturing	1	11	8	506	24 352	252	535	10 901	35 874	31 940	69 455	823
334	Computer and electronic product manufacturing	—	137	58	14 679	709 951	5 934	12 173	193 540	1 509 594	1 589 175	3 121 879	61 235
3342	Communications equipment manufacturing	—	23	10	4 012	247 388	1 166	2 386	45 890	591 032	439 698	1 031 691	16 205
33421	Telephone apparatus manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	13	5	h	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	13	5	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	41	20	4 828	179 201	2 838	5 895	91 181	341 448	709 820	1 069 225	20 028
33441	Semiconductor and other electronic component manufacturing	—	41	20	4 828	179 201	2 838	5 895	91 181	341 448	709 820	1 069 225	20 028
334412	Bare printed circuit board manufacturing	—	10	3	963	39 841	537	1 078	19 351	50 107	92 505	142 313	D
334413	Semiconductor and related device manufacturing	9	4	3	270	6 789	163	311	5 678	13 480	5 894	19 774	D
334417	Electronic connector manufacturing	—	5	3	258	6 766	196	312	4 099	11 615	6 831	18 653	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	5	4	2 581	104 746	1 430	3 353	50 791	228 702	577 062	823 682	D
334419	Other electronic component manufacturing	—	11	5	634	17 837	429	691	9 683	31 770	23 731	55 332	218
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	57	24	5 222	261 179	1 491	2 868	43 714	537 501	412 663	954 065	23 554
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	57	24	5 222	261 179	1 491	2 868	43 714	537 501	412 663	954 065	23 554
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	10	2	749	22 394	463	963	8 859	36 814	76 615	117 814	3 048

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA—Con.												
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing—Con.												
33451	Navigational, measuring, electromedical, and control instruments manufacturing—Con.												
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	17	12	3 696	199 906	774	1 412	25 970	434 030	296 977	724 371	18 153
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2	6	3	299	19 203	51	111	2 719	18 791	7 336	32 315	520
3346	Manufacturing and reproducing magnetic and optical media	—	5	2	518	17 457	387	923	11 324	29 947	16 043	46 280	642
33461	Manufacturing and reproducing magnetic and optical media	—	5	2	518	17 457	387	923	11 324	29 947	16 043	46 280	642
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	4	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	46	19	2 340	80 525	1 562	3 165	39 721	214 800	182 596	397 568	14 539
3353	Electrical equipment manufacturing	4	14	7	930	31 806	511	994	10 827	74 917	49 372	124 873	1 869
33531	Electrical equipment manufacturing	4	14	7	930	31 806	511	994	10 827	74 917	49 372	124 873	1 869
335311	Power, distribution, and specialty transformer manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	—	8	4	350	14 708	173	303	4 077	28 354	18 472	47 479	611
3359	Other electrical equipment and component manufacturing	—	24	11	1 283	45 573	941	1 945	26 386	131 259	127 831	258 716	12 312
33591	Battery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	—	5	2	327	12 137	224	440	6 292	23 373	26 672	49 245	417
335929	Other communication and energy wire manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	1	11	5	523	16 798	393	760	9 530	53 945	33 202	87 775	D
335931	Current-carrying wiring device manufacturing	1	10	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	92	29	3 602	114 840	2 902	6 049	81 314	229 446	218 984	447 493	11 732
3362	Motor vehicle body and trailer manufacturing	1	18	7	564	16 919	426	880	11 816	32 826	45 738	76 732	542
33621	Motor vehicle body and trailer manufacturing	1	18	7	564	16 919	426	880	11 816	32 826	45 738	76 732	542
336214	Travel trailer and camper manufacturing	—	11	4	367	10 786	275	549	7 414	20 889	32 739	54 355	352
3363	Motor vehicle parts manufacturing	2	30	6	1 072	27 750	875	1 658	18 737	60 726	47 366	106 383	1 554
33637	Motor vehicle metal stamping	—	4	2	f	D	D	D	D	D	D	D	309
336370	Motor vehicle metal stamping	—	4	2	f	D	D	D	D	D	D	D	309
3364	Aerospace product and parts manufacturing	3	8	5	519	20 005	367	776	11 800	40 776	31 627	75 007	4 992
33641	Aerospace product and parts manufacturing	3	8	5	519	20 005	367	776	11 800	40 776	31 627	75 007	4 992
3366	Ship and boat building	2	30	11	1 402	48 417	1 198	2 671	37 689	90 707	86 864	177 571	4 453
33661	Ship and boat building	2	30	11	1 402	48 417	1 198	2 671	37 689	90 707	86 864	177 571	4 453
336611	Ship building and repairing	—	6	2	323	11 779	293	610	9 997	22 166	14 995	37 161	792
336612	Boat building	2	24	9	1 079	36 638	905	2 061	27 692	68 541	71 869	140 410	3 661

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	2	219	30	2 663	76 820	2 001	3 804	46 999	170 964	172 661	344 397	3 775
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	173	14	1 121	30 081	871	1 627	20 082	61 869	50 125	112 112	1 479
33711	Wood kitchen cabinet and countertop manufacturing	4	122	9	741	20 500	561	1 070	13 513	38 312	26 179	64 422	897
337110	Wood kitchen cabinet and countertop manufacturing ..	4	122	9	741	20 500	561	1 070	13 513	38 312	26 179	64 422	897
33712	Household and institutional furniture manufacturing	3	51	5	380	9 581	310	557	6 569	23 557	23 946	47 690	582
3372	Office furniture (including fixtures) manufacturing	2	28	10	669	21 599	483	1 010	12 668	51 933	35 497	88 104	1 318
33721	Office furniture (including fixtures) manufacturing	2	28	10	669	21 599	483	1 010	12 668	51 933	35 497	88 104	1 318
337212	Custom architectural woodwork and millwork manufacturing	-	14	6	273	9 317	170	357	4 443	20 969	15 280	36 183	483
3379	Other furniture related product manufacturing	-	18	6	873	25 140	647	1 167	14 249	57 162	87 039	144 181	978
33791	Mattress manufacturing	-	7	3	400	11 790	296	452	6 587	27 671	50 623	78 216	D
337910	Mattress manufacturing	-	7	3	400	11 790	296	452	6 587	27 671	50 623	78 216	D
33792	Blind and shade manufacturing	-	11	3	473	13 350	351	715	7 662	29 491	36 416	65 965	D
337920	Blind and shade manufacturing	-	11	3	473	13 350	351	715	7 662	29 491	36 416	65 965	D
339	Miscellaneous manufacturing	4	305	63	8 382	301 414	5 295	10 047	143 808	832 153	477 104	1 314 678	53 828
3391	Medical equipment and supplies manufacturing	5	155	32	4 908	187 372	2 853	5 227	80 448	521 333	305 605	831 215	22 332
33911	Medical equipment and supplies manufacturing	5	155	32	4 908	187 372	2 853	5 227	80 448	521 333	305 605	831 215	22 332
339112	Surgical and medical instrument manufacturing ..	9	20	8	1 534	72 344	829	1 250	26 130	213 834	97 315	314 161	9 653
339113	Surgical appliance and supplies manufacturing	2	23	7	1 101	32 345	537	1 124	12 585	74 326	61 641	135 989	5 350
339115	Ophthalmic goods manufacturing	3	8	5	1 399	56 109	862	1 690	24 881	185 919	132 100	320 663	5 463
339116	Dental laboratories	3	93	9	679	19 418	496	921	13 224	34 630	8 223	41 388	1 507
3399	Other miscellaneous manufacturing	2	150	31	3 474	114 042	2 442	4 820	63 360	310 820	171 499	483 463	31 496
33991	Jewelry and silverware manufacturing	-	8	1	335	7 360	318	632	6 190	6 287	4 953	13 215	17
339914	Costume jewelry and novelty manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
33994	Office supplies (except paper) manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
339941	Pen and mechanical pencil manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	5	63	10	994	36 572	674	1 416	20 055	75 654	67 629	143 252	4 329
339950	Sign manufacturing	5	63	10	994	36 572	674	1 416	20 055	75 654	67 629	143 252	4 329
33999	All other miscellaneous manufacturing	1	48	13	1 018	28 518	790	1 488	19 199	83 757	46 525	129 040	24 915
339991	Gasket, packing, and sealing device manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	4	40	9	481	13 194	332	573	7 446	24 234	20 242	44 374	D
VERO BEACH, FL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	100	19	2 408	78 267	1 370	2 441	49 312	184 361	182 663	331 121	7 107
334	Computer and electronic product manufacturing	8	6	4	337	12 734	16	37	706	19 678	14 993	40 530	D
336	Transportation equipment manufacturing	-	6	1	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	1	1	g	D	D	D	D	D	D	D	D

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

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

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

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

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

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

Table 3. Industry Statistics for Counties: 2002

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALACHUA													
31-33	Manufacturing	1	154	34	3 873	133 440	2 850	5 512	81 344	393 735	441 340	834 956	24 600
321	Wood product manufacturing	-	9	7	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	35	4	637	24 085	321	582	6 855	78 199	44 291	122 371	7 501
BAY													
31-33	Manufacturing	-	133	24	3 671	140 689	2 793	5 644	95 135	404 555	421 862	844 800	30 348
322	Paper manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	18	3	559	22 783	446	893	15 642	119 671	29 060	151 402	3 597
336	Transportation equipment manufacturing	-	17	5	1 026	34 083	943	1 915	29 992	70 471	73 344	144 236	12 208
3366	Ship and boat building	-	10	3	693	22 683	645	1 353	20 747	40 159	50 351	90 510	D
33661	Ship and boat building	-	10	3	693	22 683	645	1 353	20 747	40 159	50 351	90 510	D
BREVARD													
31-33	Manufacturing	-	459	99	18 347	864 589	8 569	15 690	269 307	2 580 956	1 346 810	3 961 072	131 769
332	Fabricated metal product manufacturing	3	79	17	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	30	7	873	39 959	603	1 185	25 896	111 559	100 502	216 775	4 910
334	Computer and electronic product manufacturing	-	60	29	10 607	549 047	3 901	6 648	129 395	1 618 427	735 324	2 381 188	D
3341	Computer and peripheral equipment manufacturing	4	11	5	521	26 906	101	209	3 515	58 279	52 485	112 697	D
33411	Computer and peripheral equipment manufacturing	4	11	5	521	26 906	101	209	3 515	58 279	52 485	112 697	D
3342	Communications equipment manufacturing	-	10	3	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	24	16	3 508	162 727	1 857	3 340	45 953	614 791	240 808	861 319	D
33441	Semiconductor and other electronic component manufacturing	-	24	16	3 508	162 727	1 857	3 340	45 953	614 791	240 808	861 319	D
334412	Bare printed circuit board manufacturing	-	5	3	f	D	D	D	D	D	D	D	2 489
334413	Semiconductor and related device manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	4	4	534	13 873	380	670	7 904	25 927	49 898	74 211	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	12	4	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	12	4	i	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	5	2	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
BREVARD—Con.													
336	Transportation equipment manufacturing	—	33	9	2 872	143 459	1 278	2 547	37 693	571 598	284 205	854 609	D
3364	Aerospace product and parts manufacturing	—	6	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	6	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	14	6	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	14	6	g	D	D	D	D	D	D	D	D
336612	Boat building	—	13	6	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	71	7	565	20 453	359	663	9 971	36 581	19 038	55 344	1 634
BROWARD													
31-33	Manufacturing	2	'1 836	'323	'32 179	'1 146 172	'20 223	'38 450	'557 447	'3 751 169	'3 032 696	'6 775 856	'153 167
311	Food manufacturing	6	102	11	1 229	31 336	854	1 568	17 696	98 135	117 462	215 465	5 472
312	Beverage and tobacco product manufacturing	2	11	5	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	2	9	5	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	2	8	5	f	D	D	D	D	D	D	D	D
314	Textile product mills	3	71	5	524	12 845	399	698	7 147	24 413	22 130	46 870	1 740
315	Apparel manufacturing	3	'64	7	'532	'12 984	'428	'816	'7 826	'26 783	'29 338	'55 129	'621
321	Wood product manufacturing	5	44	11	628	17 913	487	923	11 385	34 568	41 778	76 388	1 260
323	Printing and related support activities	3	286	35	3 169	110 208	2 285	3 994	67 372	228 903	130 037	359 066	11 536
3231	Printing and related support activities	3	286	35	3 169	110 208	2 285	3 994	67 372	228 903	130 037	359 066	11 536
32311	Printing	3	253	32	2 959	101 372	2 124	3 709	61 511	212 909	124 127	337 153	10 992
323110	Commercial lithographic printing	2	97	22	1 907	70 029	1 405	2 510	43 274	142 888	86 411	229 560	8 367
323114	Quick printing	4	82	3	522	14 310	342	585	8 912	35 127	13 767	48 886	875
325	Chemical manufacturing	6	46	12	1 730	81 224	771	1 274	22 999	448 665	233 889	642 900	26 254
3254	Pharmaceutical and medicine manufacturing	6	9	5	1 069	51 372	352	526	10 096	365 224	162 579	488 019	23 019
32541	Pharmaceutical and medicine manufacturing	6	9	5	1 069	51 372	352	526	10 096	365 224	162 579	488 019	23 019
325412	Pharmaceutical preparation manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	68	19	1 877	61 701	1 390	2 740	37 622	140 365	119 349	258 693	7 091
3261	Plastics product manufacturing ..	1	57	15	1 677	55 147	1 245	2 500	33 579	127 924	108 505	235 059	D
32619	Other plastics product manufacturing	1	44	13	1 206	35 971	911	1 837	23 593	87 159	68 869	155 136	4 555
326199	All other plastics product manufacturing	1	37	8	967	29 508	730	1 496	19 568	73 388	61 072	133 611	D
327	Nonmetallic mineral product manufacturing	1	89	31	1 971	70 132	1 461	3 180	45 343	171 217	173 807	357 365	9 636
3273	Cement and concrete product manufacturing	1	42	23	1 368	48 945	1 031	2 278	31 547	124 064	120 036	244 400	7 469
32739	Other concrete product manufacturing	3	14	9	569	18 215	433	1 012	11 650	35 057	27 202	62 485	3 495
327390	Other concrete product manufacturing	3	14	9	569	18 215	433	1 012	11 650	35 057	27 202	62 485	3 495
332	Fabricated metal product manufacturing	3	214	38	3 314	121 851	2 329	4 769	73 051	275 134	178 261	454 591	14 886
3323	Architectural and structural metals manufacturing	3	63	16	1 387	50 879	857	1 750	26 742	125 925	93 957	219 240	3 330
33232	Ornamental and architectural metal products manufacturing	4	41	11	936	32 445	601	1 243	18 236	70 865	40 973	112 067	1 205
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	6	70	5	618	21 449	482	964	14 214	43 175	19 557	63 465	1 929
3329	Other fabricated metal product manufacturing	1	29	7	611	24 921	444	936	16 101	56 322	35 398	91 907	3 863

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BROWARD—Con.													
333	Machinery manufacturing	1	103	36	2 525	106 033	1 478	2 862	43 999	294 541	222 258	517 578	7 602
3333	Commercial and service industry machinery manufacturing	—	22	6	535	24 642	198	376	6 334	82 597	51 452	132 143	1 355
33331	Commercial and service industry machinery manufacturing	—	22	6	535	24 642	198	376	6 334	82 597	51 452	132 143	1 355
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	17	8	552	20 270	392	756	8 566	68 838	62 297	130 022	1 392
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	17	8	552	20 270	392	756	8 566	68 838	62 297	130 022	1 392
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2	10	7	503	18 737	355	677	7 612	65 043	57 082	121 000	1 338
3339	Other general purpose machinery manufacturing	3	25	9	583	26 519	328	608	9 656	61 517	35 741	95 106	2 662
334	Computer and electronic product manufacturing	—	109	28	4 140	197 975	1 693	3 382	53 901	1 114 128	1 023 554	2 146 565	27 895
3341	Computer and peripheral equipment manufacturing	2	14	3	545	36 656	111	228	4 703	52 102	68 489	119 129	5 277
33411	Computer and peripheral equipment manufacturing	2	14	3	545	36 656	111	228	4 703	52 102	68 489	119 129	5 277
3342	Communications equipment manufacturing	—	26	5	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	28	9	565	21 074	286	590	7 753	49 765	20 359	71 636	950
33441	Semiconductor and other electronic component manufacturing	1	28	9	565	21 074	286	590	7 753	49 765	20 359	71 636	950
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	30	9	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	1	30	9	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	34	6	839	29 481	578	1 161	15 060	62 909	90 134	152 899	1 878
336	Transportation equipment manufacturing	3	112	'22	'1 875	'66 894	'1 431	'2 846	'43 242	'174 026	'144 242	'335 018	D
3363	Motor vehicle parts manufacturing	2	28	5	f	D	D	D	D	D	D	D	2 711
3366	Ship and boat building	4	'57	9	'825	'25 672	'648	'1 255	'18 797	'63 781	'47 827	'111 608	'1 496
33661	Ship and boat building	4	'57	9	'825	'25 672	'648	'1 255	'18 797	'63 781	'47 827	'111 608	'1 496
336612	Boat building	4	37	5	573	16 388	455	884	11 983	43 956	36 302	80 258	861
337	Furniture and related product manufacturing	4	182	20	2 184	71 789	1 585	2 744	40 676	136 985	142 936	284 194	5 723
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	135	8	1 033	36 355	740	1 442	20 506	77 962	63 516	144 315	3 133
33712	Household and institutional furniture manufacturing	7	68	4	575	19 805	374	748	9 407	49 611	43 271	92 963	1 290
3372	Office furniture (including fixtures) manufacturing	1	31	7	681	20 531	518	769	13 201	29 734	48 705	79 699	D
33721	Office furniture (including fixtures) manufacturing	1	31	7	681	20 531	518	769	13 201	29 734	48 705	79 699	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BROWARD—Con.													
339	Miscellaneous manufacturing	1	228	31	4 499	119 451	2 317	3 905	51 130	326 542	197 541	516 140	8 832
3391	Medical equipment and supplies manufacturing	—	99	15	3 255	78 484	1 452	2 210	28 344	225 400	129 609	347 843	6 877
33911	Medical equipment and supplies manufacturing	—	99	15	3 255	78 484	1 452	2 210	28 344	225 400	129 609	347 843	6 877
339113	Surgical appliance and supplies manufacturing	1	18	7	g	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	9	3	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	3	129	16	1 244	40 967	865	1 695	22 786	101 142	67 932	168 297	1 955
CHARLOTTE													
31-33	Manufacturing	3	86	7	638	21 602	448	884	12 544	64 113	42 818	106 507	1 906
CITRUS													
31-33	Manufacturing	8	62	4	546	15 559	356	697	10 133	26 709	47 082	73 721	1 537
CLAY													
31-33	Manufacturing	5	71	18	g	D	D	D	D	D	D	D	11 765
COLLIER													
31-33	Manufacturing	3	252	30	2 733	100 840	1 815	3 512	53 659	235 764	197 111	437 510	10 058
327	Nonmetallic mineral product manufacturing	1	29	7	517	22 010	352	788	13 157	63 623	49 354	112 707	2 759
COLUMBIA													
31-33	Manufacturing	2	39	11	836	23 172	694	1 419	16 872	60 758	121 843	182 781	2 451
321	Wood product manufacturing	—	4	3	511	13 526	455	933	10 566	32 166	71 740	103 927	1 327
DUVAL													
31-33	Manufacturing	1	690	216	'27 340	'1 091 920	'18 631	'37 855	'591 538	'3 975 300	'3 039 106	'7 011 260	221 828
311	Food manufacturing	2	37	14	3 676	111 727	2 529	4 828	62 585	355 209	397 659	756 219	D
3116	Animal slaughtering and processing	8	5	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	5	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	14	3	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	14	3	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	5	3	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	1	7	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	9	8	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	8	7	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	6	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	3	3	f	D	D	D	D	D	D	D	D
31212	Breweries	—	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	1	1	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	15	3	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	—	11	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	'21	'9	'608	'19 792	'474	'1 032	'12 474	'65 834	'71 375	'134 911	D
322	Paper manufacturing	—	19	15	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	18	14	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	10	9	f	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
322232	Envelope manufacturing	—	3	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	DUVAL—Con.												
323	Printing and related support activities	2	114	25	1 709	55 326	1 203	2 333	34 075	136 882	100 945	237 743	13 161
3231	Printing and related support activities	2	114	25	1 709	55 326	1 203	2 333	34 075	136 882	100 945	237 743	13 161
32311	Printing	2	103	22	1 567	50 838	1 085	2 093	31 004	129 288	98 811	227 915	D
323110	Commercial lithographic printing	3	45	13	888	29 458	574	1 176	18 148	76 535	49 193	125 990	8 238
325	Chemical manufacturing	—	34	11	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	29	10	782	31 001	577	1 228	19 029	85 285	94 254	178 733	D
3261	Plastics product manufacturing ..	1	26	8	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	37	17	g	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	24	11	f	D	D	D	D	D	D	D	D
3274	Lime and gypsum product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	102	30	2 744	91 339	2 039	3 893	56 260	236 300	258 250	503 174	10 436
3323	Architectural and structural metals manufacturing	3	45	15	1 685	52 037	1 233	2 234	29 157	125 947	120 254	254 132	D
33232	Ornamental and architectural metal products manufacturing	4	28	11	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	6	8	3	726	22 067	549	1 158	12 546	58 268	41 987	104 296	D
333	Machinery manufacturing	2	41	14	945	35 386	535	962	16 278	67 226	60 975	129 360	7 115
334	Computer and electronic product manufacturing	8	18	6	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	12	27	8	g	D	D	D	D	D	D	D	6 003
3363	Motor vehicle parts manufacturing	—	9	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	12	12	4	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	12	12	4	g	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	12	9	4	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	57	14	1 117	34 603	858	1 665	21 432	92 441	54 597	146 158	1 429
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	42	9	726	22 311	544	992	12 497	49 203	24 551	73 350	1 066
33712	Household and institutional furniture manufacturing	5	18	5	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	84	16	4 163	238 328	2 154	4 446	85 839	797 874	165 996	969 601	D
3391	Medical equipment and supplies manufacturing	—	37	9	3 654	221 433	1 819	3 871	77 780	748 233	125 783	882 497	D
33911	Medical equipment and supplies manufacturing	—	37	9	3 654	221 433	1 819	3 871	77 780	748 233	125 783	882 497	D
339112	Surgical and medical instrument manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	3	47	7	509	16 895	335	575	8 059	49 641	40 213	87 104	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ESCAMBIA													
31-33	Manufacturing	-	223	42	5 927	244 507	4 218	8 666	147 522	812 864	1 062 084	1 873 203	49 417
322	Paper manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	13	6	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	19	4	527	23 289	427	971	17 825	75 896	42 576	119 672	D
332	Fabricated metal product manufacturing	-	39	8	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	19	5	f	D	D	D	D	D	D	D	D
FLAGLER													
31-33	Manufacturing	-	50	15	1 628	53 715	1 229	2 575	33 292	165 543	216 849	378 529	7 469
336	Transportation equipment manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	6	4	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	6	4	f	D	D	D	D	D	D	D	D
336612	Boat building	-	5	4	f	D	D	D	D	D	D	D	3 181
GADSDEN													
31-33	Manufacturing	1	33	9	1 352	38 618	1 069	1 869	25 405	77 692	110 199	188 356	D
HAMILTON													
31-33	Manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
HENDRY													
31-33	Manufacturing	-	15	4	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
HERNANDO													
31-33	Manufacturing	7	75	9	885	31 841	655	1 324	20 594	118 485	90 363	210 057	9 325
HIGHLANDS													
31-33	Manufacturing	-	49	11	996	29 580	798	1 630	21 352	96 027	131 182	227 144	3 011
HILLSBOROUGH													
31-33	Manufacturing	1	930	256	29 054	1 032 341	20 128	40 579	576 231	3 157 296	3 569 527	6 740 022	200 814
311	Food manufacturing	2	'62	'26	'3 775	'111 833	'2 736	'5 617	'66 256	'431 054	'643 214	'1 076 244	'13 440
3116	Animal slaughtering and processing	-	8	4	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	8	4	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	3	1	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	5	2	g	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	5	2	g	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	5	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	6	23	6	1 077	28 402	629	1 035	13 038	29 792	26 531	56 648	887
31181	Bread and bakery product manufacturing	9	22	5	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	9	9	2	607	17 890	296	539	7 295	8 808	3 960	12 856	262
312	Beverage and tobacco product manufacturing	-	10	7	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	4	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HILLSBOROUGH—Con.													
315	Apparel manufacturing	3	23	7	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	3	21	7	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	3	3	3	g	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	34	16	1 691	46 854	1 262	2 415	30 280	99 035	152 103	249 850	7 200
3219	Other wood product manufacturing	1	24	11	1 194	31 882	835	1 599	19 197	74 831	90 610	164 992	D
32199	All other wood product manufacturing	—	12	6	748	19 894	488	890	11 602	45 610	41 415	86 791	D
321991	Manufactured home (mobile home) manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	24	8	967	35 746	727	1 496	22 165	120 888	192 180	314 753	1 797
3222	Converted paper product manufacturing	—	24	8	967	35 746	727	1 496	22 165	120 888	192 180	314 753	1 797
32221	Paperboard container manufacturing	—	13	5	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	1	9	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	151	18	1 821	58 429	1 351	2 565	36 742	144 524	105 940	251 102	7 651
3231	Printing and related support activities	1	151	18	1 821	58 429	1 351	2 565	36 742	144 524	105 940	251 102	7 651
32311	Printing	1	143	16	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	—	53	8	1 026	35 202	817	1 654	23 152	76 071	69 989	146 179	3 963
325	Chemical manufacturing	—	50	11	1 838	95 565	1 193	2 540	50 276	354 577	511 070	860 812	60 654
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	7	4	990	56 608	707	1 583	35 554	193 977	451 092	637 790	D
32531	Fertilizer manufacturing	—	7	4	990	56 608	707	1 583	35 554	193 977	451 092	637 790	D
325312	Phosphatic fertilizer manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	48	23	1 500	48 677	1 099	2 254	28 848	164 347	115 923	281 268	D
3261	Plastics product manufacturing ..	1	39	19	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	18	9	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	16	8	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	56	22	1 946	69 143	1 535	3 403	47 951	331 032	223 092	553 316	16 560
3273	Cement and concrete product manufacturing	2	34	17	1 510	51 316	1 181	2 589	34 672	242 631	151 648	393 086	13 008
32739	Other concrete product manufacturing	3	9	7	1 004	33 534	784	1 728	21 728	141 162	78 505	219 348	6 751
327390	Other concrete product manufacturing	3	9	7	1 004	33 534	784	1 728	21 728	141 162	78 505	219 348	6 751
331	Primary metal manufacturing	1	12	6	760	26 947	565	1 238	18 443	59 864	93 422	151 496	D
332	Fabricated metal product manufacturing	1	136	34	2 977	109 291	2 144	4 131	65 473	292 814	238 696	530 971	18 793
3323	Architectural and structural metals manufacturing	1	56	20	1 162	37 550	833	1 575	21 018	105 126	73 472	178 479	6 541
33232	Ornamental and architectural metal products manufacturing	2	38	12	749	21 409	532	968	11 894	49 232	41 837	90 045	D
3329	Other fabricated metal product manufacturing	—	13	4	686	26 181	459	864	15 852	58 917	37 262	94 588	1 059
333	Machinery manufacturing	2	41	11	1 221	62 678	452	932	16 449	88 993	63 396	167 576	3 220
3333	Commercial and service industry machinery manufacturing	1	8	3	869	47 506	255	526	9 669	57 435	31 734	104 232	2 217
33331	Commercial and service industry machinery	1	8	3	869	47 506	255	526	9 669	57 435	31 734	104 232	2 217
333319	Other commercial and service industry machinery manufacturing	1	7	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HILLSBOROUGH—Con.													
334	Computer and electronic product manufacturing	1	36	17	2 562	108 806	1 365	2 873	52 106	211 365	240 827	449 953	21 210
3344	Semiconductor and other electronic component manufacturing	—	13	8	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	13	8	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	14	7	811	29 876	613	1 298	18 462	78 596	86 878	164 631	D
3359	Other electrical equipment and component manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	32	8	1 058	40 429	829	1 792	28 447	72 187	78 140	153 749	6 069
3366	Ship and boat building	—	8	3	606	25 792	486	1 075	19 288	47 325	41 253	88 578	D
33661	Ship and boat building	—	8	3	606	25 792	486	1 075	19 288	47 325	41 253	88 578	D
337	Furniture and related product manufacturing	1	73	15	1 336	38 017	1 031	1 901	23 808	88 981	96 101	185 577	1 739
339	Miscellaneous manufacturing	4	93	13	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	4	50	10	f	D	D	D	D	D	D	D	D
INDIAN RIVER													
31-33	Manufacturing	2	100	19	2 408	78 267	1 370	2 441	49 312	184 361	182 663	331 121	7 107
336	Transportation equipment manufacturing	—	6	1	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
JACKSON													
31-33	Manufacturing	2	18	5	620	17 408	531	1 084	13 150	70 419	84 767	155 450	2 303
LAKE													
31-33	Manufacturing	3	165	39	3 847	119 775	2 778	5 577	73 989	333 511	278 672	609 340	19 592
311	Food manufacturing	4	16	5	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	3	5	5	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	3	3	3	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	3	3	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	16	6	537	14 021	438	922	10 034	28 904	43 920	71 179	D
327	Nonmetallic mineral product manufacturing	2	24	7	743	23 698	568	1 154	16 689	71 709	44 992	116 033	D
3273	Cement and concrete product manufacturing	1	14	6	643	19 638	498	1 015	14 561	63 406	38 944	101 742	D
LEE													
31-33	Manufacturing	2	403	72	6 726	198 273	4 963	9 681	124 646	582 985	403 185	986 100	29 088
321	Wood product manufacturing	1	11	5	856	24 066	655	1 273	14 839	56 917	62 469	119 386	4 524
3212	Veneer, plywood, and engineered wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	41	14	1 010	35 090	826	1 767	25 665	112 319	69 712	180 838	9 754
3273	Cement and concrete product manufacturing	1	29	14	950	33 461	776	1 663	24 404	108 517	67 504	174 799	9 618
332	Fabricated metal product manufacturing	3	45	7	535	13 956	328	646	7 551	31 470	28 749	60 010	985

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
LEE—Con.													
333	Machinery manufacturing	3	'22	'9	'885	'31 392	'679	'1 289	'21 239	'86 835	'52 129	'141 260	3 311
3339	Other general purpose machinery manufacturing	3	10	6	687	24 065	531	1 045	16 488	72 384	43 997	118 589	2 995
33399	All other general purpose machinery manufacturing	3	7	5	634	22 391	498	981	15 669	68 450	40 845	111 503	D
333999	All other miscellaneous general purpose machinery manufacturing	3	6	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	46	5	509	12 621	386	805	7 910	25 568	17 203	42 756	1 598
339	Miscellaneous manufacturing	1	'64	'7	'851	'18 540	'544	'1 007	'10 119	'45 837	'30 211	'74 190	3 000
3391	Medical equipment and supplies manufacturing	1	28	3	565	10 772	351	681	5 962	26 570	15 907	40 306	2 081
33911	Medical equipment and supplies manufacturing	1	28	3	565	10 772	351	681	5 962	26 570	15 907	40 306	2 081
LEON													
31-33	Manufacturing	2	103	17	1 833	67 833	1 101	2 145	30 636	149 246	224 416	366 017	10 153
MADISON													
31-33	Manufacturing	8	10	4	f	D	D	D	D	D	D	D	D
311	Food manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	9	1	1	f	D	D	D	D	D	D	D	D
MANATEE													
31-33	Manufacturing	—	268	72	9 640	340 163	6 730	13 148	201 965	1 009 947	1 288 501	2 421 772	129 526
311	Food manufacturing	—	13	4	h	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	g	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	—	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	4	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	13	7	545	21 198	465	1 053	16 611	64 851	67 381	139 155	2 691
332	Fabricated metal product manufacturing	3	53	9	927	25 189	717	1 384	17 054	59 508	56 637	115 001	2 826
333	Machinery manufacturing	2	32	12	755	28 462	459	812	12 688	77 821	50 455	126 448	D
3339	Other general purpose machinery manufacturing	—	11	7	541	19 708	316	534	7 849	53 512	33 678	85 531	D
334	Computer and electronic product manufacturing	2	15	8	839	30 106	485	833	9 902	83 887	55 225	139 234	D
335	Electrical equipment, appliance, and component manufacturing	—	9	5	788	23 749	474	967	11 002	58 951	31 187	89 347	D
3359	Other electrical equipment and component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	24	10	1 765	57 452	1 256	2 560	40 458	126 811	166 329	294 550	8 646
3366	Ship and boat building	1	15	6	1 269	42 032	881	1 988	32 224	93 508	103 204	196 712	4 519
33661	Ship and boat building	1	15	6	1 269	42 032	881	1 988	32 224	93 508	103 204	196 712	4 519
336612	Boat building	1	12	4	1 203	39 852	829	1 893	30 590	81 166	98 076	179 242	4 069

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MARION													
31-33	Manufacturing	1	245	72	9 065	279 539	6 857	13 781	175 633	724 731	666 367	1 381 488	31 763
321	Wood product manufacturing	-	21	18	1 263	36 226	992	2 105	24 222	79 366	99 988	183 438	2 505
3219	Other wood product manufacturing	1	15	12	968	27 372	752	1 585	18 048	57 776	74 957	136 671	1 818
32199	All other wood product manufacturing	1	8	7	515	16 465	401	788	11 467	37 046	50 387	91 038	D
326	Plastics and rubber products manufacturing	-	15	7	815	27 713	688	1 558	21 738	56 778	41 392	98 098	D
332	Fabricated metal product manufacturing	-	41	10	1 982	57 695	1 597	3 130	39 655	175 263	138 630	312 045	12 045
3326	Spring and wire product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	12	5	649	23 215	377	797	10 319	56 508	40 519	95 502	3 394
336	Transportation equipment manufacturing	1	20	4	1 549	50 616	1 148	2 350	31 069	119 697	120 151	229 920	2 754
3362	Motor vehicle body and trailer manufacturing	-	8	3	g	D	D	D	D	D	D	D	2 507
33621	Motor vehicle body and trailer manufacturing	-	8	3	g	D	D	D	D	D	D	D	2 507
336211	Motor vehicle body manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	23	5	f	D	D	D	D	D	D	D	1 750
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	20	4	f	D	D	D	D	D	D	D	D
MARTIN													
31-33	Manufacturing	1	152	25	2 586	94 697	1 921	3 603	60 391	214 640	309 048	538 099	10 804
336	Transportation equipment manufacturing	-	14	5	g	D	D	D	D	D	D	D	2 421
3364	Aerospace product and parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
MIAMI-DADE													
31-33	Manufacturing	3	'2 608	445	'50 316	'1 596 870	'34 490	'66 542	'824 724	'5 021 323	'3 437 933	'8 442 440	'225 097
311	Food manufacturing	3	290	35	4 006	116 478	2 411	4 271	58 509	472 876	407 192	877 703	15 418
3116	Animal slaughtering and processing	2	22	7	601	15 265	476	988	9 661	32 325	66 038	98 271	1 230
31161	Animal slaughtering and processing	2	22	7	601	15 265	476	988	9 661	32 325	66 038	98 271	1 230
3118	Bakeries and tortilla manufacturing	2	196	14	2 051	56 091	1 097	1 652	26 095	189 353	70 572	258 490	4 089
31181	Bread and bakery product manufacturing	1	185	12	g	D	D	D	D	D	D	D	D
311811	Retail bakeries	6	130	5	682	10 158	383	459	5 137	21 644	11 178	32 696	576
311812	Commercial bakeries	1	52	7	1 180	39 696	561	942	16 931	151 596	48 298	198 687	2 497
312	Beverage and tobacco product manufacturing	6	23	8	584	22 010	312	662	10 691	133 243	128 523	261 830	D
313	Textile mills	6	43	9	713	20 052	607	1 203	14 578	46 326	57 187	102 008	3 183
314	Textile product mills	5	97	16	1 390	30 641	1 066	2 062	19 253	64 716	54 052	120 608	4 661
3141	Textile furnishings mills	7	37	5	504	10 397	431	826	6 755	22 004	23 318	45 321	D
31412	Curtain and linen mills	7	37	5	504	10 397	431	826	6 755	22 004	23 318	45 321	D
3149	Other textile product mills	4	60	11	886	20 244	635	1 236	12 498	42 712	30 734	75 287	D
31499	All other textile product mills ...	3	41	7	664	15 666	494	941	10 005	35 697	24 722	60 960	D
314999	All other miscellaneous textile product mills	3	39	7	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MIAMI-DADE—Con.													
315	Apparel manufacturing	5	224	44	4 505	81 795	3 762	6 635	52 911	207 375	251 406	462 201	4 647
3151	Apparel knitting mills	1	11	4	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	—	10	3	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	—	10	3	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	5	188	36	3 574	63 911	3 013	5 265	42 286	167 545	223 106	394 308	D
31521	Cut and sew apparel contractors	5	119	19	1 456	21 013	1 317	2 090	16 702	36 963	16 070	52 173	D
315212	Women's, girls', and infants' cut and sew apparel contractors	5	103	13	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	3	15	5	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	6	42	8	945	23 942	720	1 358	13 312	81 562	151 034	236 409	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing	6	13	5	682	17 929	510	955	9 337	65 060	137 483	206 248	D
316	Leather and allied product manufacturing	1	24	4	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	53	12	842	23 095	606	1 245	12 401	45 552	36 906	82 388	1 005
322	Paper manufacturing	1	35	11	884	31 469	659	1 376	18 163	83 925	103 383	186 711	5 177
3222	Converted paper product manufacturing	2	33	10	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	4	371	50	4 646	149 543	3 443	6 464	92 539	291 039	219 717	517 996	16 892
3231	Printing and related support activities	4	371	50	4 646	149 543	3 443	6 464	92 539	291 039	219 717	517 996	16 892
32311	Printing	4	343	47	4 355	143 489	3 193	5 971	88 133	280 626	215 789	503 744	16 673
323110	Commercial lithographic printing	3	131	26	2 105	79 205	1 582	3 190	51 151	156 457	117 150	273 878	11 724
323113	Commercial screen printing ..	4	44	12	1 298	35 025	1 002	1 762	20 938	59 306	68 077	132 556	2 390
325	Chemical manufacturing	1	94	18	3 348	150 500	1 555	2 964	51 130	808 450	563 990	1 370 501	37 427
3254	Pharmaceutical and medicine manufacturing	1	18	8	1 526	68 980	725	1 187	21 920	352 932	116 610	468 006	D
32541	Pharmaceutical and medicine manufacturing	1	18	8	1 526	68 980	725	1 187	21 920	352 932	116 610	468 006	D
325412	Pharmaceutical preparation manufacturing	2	10	5	1 141	52 703	564	983	16 742	309 130	92 440	402 084	12 589
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	41	5	1 362	63 581	495	1 091	18 633	413 479	413 993	827 124	19 375
32562	Toilet preparation manufacturing	—	21	4	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	21	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	5	93	24	2 208	63 596	1 744	3 506	44 121	193 077	138 446	330 627	12 441
3261	Plastics product manufacturing ..	5	74	22	2 006	55 939	1 582	3 161	38 493	177 869	117 210	293 840	12 003
32619	Other plastics product manufacturing	5	48	13	1 247	34 980	948	1 814	23 044	120 184	51 581	171 440	4 923
326199	All other plastics product manufacturing	5	45	12	1 200	33 750	928	1 776	22 563	117 858	50 726	168 240	D
327	Nonmetallic mineral product manufacturing	4	109	35	2 578	92 104	1 929	4 016	60 645	279 945	217 413	494 616	31 847
3273	Cement and concrete product manufacturing	4	63	30	2 176	80 073	1 627	3 381	52 548	252 225	195 979	445 367	30 487
32731	Cement manufacturing	5	3	2	520	25 988	391	834	17 784	89 186	66 759	155 110	D
327310	Cement manufacturing	5	3	2	520	25 988	391	834	17 784	89 186	66 759	155 110	D
32732	Ready-mix concrete manufacturing	—	25	17	629	21 890	487	1 003	16 056	64 439	78 999	143 204	D
327320	Ready-mix concrete manufacturing	—	25	17	629	21 890	487	1 003	16 056	64 439	78 999	143 204	D
32739	Other concrete product manufacturing	7	25	8	f	D	D	D	D	D	D	D	3 280
327390	Other concrete product manufacturing	7	25	8	f	D	D	D	D	D	D	D	3 280

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MIAMI-DADE—Con.													
332	Fabricated metal product manufacturing	2	249	45	5 124	148 756	3 876	8 158	92 356	340 308	270 699	612 719	10 802
3323	Architectural and structural metals manufacturing	3	106	25	3 086	88 694	2 239	4 832	53 116	210 123	187 166	399 608	6 897
33232	Ornamental and architectural metal products manufacturing	2	83	21	2 889	81 798	2 095	4 554	49 074	196 516	171 067	369 892	6 423
332321	Metal window and door manufacturing	2	36	12	1 894	53 272	1 299	2 951	29 170	139 793	125 041	267 258	3 502
332322	Sheet metal work manufacturing	4	24	6	630	17 553	492	974	12 125	36 758	28 239	64 663	2 186
3325	Hardware manufacturing	—	7	2	570	15 711	488	1 094	10 129	26 704	9 014	35 933	289
33251	Hardware manufacturing	—	7	2	570	15 711	488	1 094	10 129	26 704	9 014	35 933	289
332510	Hardware manufacturing	—	7	2	570	15 711	488	1 094	10 129	26 704	9 014	35 933	289
333	Machinery manufacturing	5	109	16	1 488	52 559	1 050	2 113	30 131	130 771	100 355	231 418	3 518
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	8	24	8	619	20 159	479	949	13 670	49 033	48 013	97 213	1 287
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	8	24	8	619	20 159	479	949	13 670	49 033	48 013	97 213	1 287
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	9	18	6	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	66	12	2 034	70 946	1 247	1 980	28 892	314 758	202 355	520 064	7 520
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	22	4	1 380	48 082	866	1 377	20 833	239 653	158 034	401 536	3 992
33451	Navigational, measuring, electromedical, and control instruments manufacturing	1	22	4	1 380	48 082	866	1 377	20 833	239 653	158 034	401 536	3 992
334516	Analytical laboratory instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	37	7	1 044	26 884	824	1 625	16 995	61 605	35 417	96 454	1 044
3351	Electric lighting equipment manufacturing	2	23	6	893	23 046	710	1 401	14 599	51 891	21 908	72 747	D
33512	Lighting fixture manufacturing	2	23	6	893	23 046	710	1 401	14 599	51 891	21 908	72 747	D
335121	Residential electric lighting fixture manufacturing	2	18	5	861	22 282	686	1 355	14 134	49 728	21 049	69 719	D
336	Transportation equipment manufacturing	6	95	22	2 216	79 313	1 686	3 372	51 692	188 912	198 644	397 007	8 000
3364	Aerospace product and parts manufacturing	7	21	9	721	41 266	491	1 054	24 161	83 576	102 274	195 826	4 811
33641	Aerospace product and parts manufacturing	7	21	9	721	41 266	491	1 054	24 161	83 576	102 274	195 826	4 811
3366	Ship and boat building	5	37	7	838	23 620	668	1 368	17 501	72 711	63 840	136 551	2 115
33661	Ship and boat building	5	37	7	838	23 620	668	1 368	17 501	72 711	63 840	136 551	2 115
336612	Boat building	5	31	6	801	22 545	639	1 302	16 647	70 650	62 480	133 130	2 085
337	Furniture and related product manufacturing	2	292	36	3 828	96 658	3 012	5 890	61 615	198 212	154 106	348 359	8 492
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	220	21	2 008	50 896	1 564	2 971	32 486	106 669	73 004	180 082	3 737
33711	Wood kitchen cabinet and countertop manufacturing	3	110	8	771	19 965	525	993	10 687	41 251	24 715	66 920	769
337110	Wood kitchen cabinet and countertop manufacturing	3	110	8	771	19 965	525	993	10 687	41 251	24 715	66 920	769
33712	Household and institutional furniture manufacturing	3	110	13	1 237	30 931	1 039	1 978	21 799	65 418	48 289	113 162	2 968
3372	Office furniture (including fixtures) manufacturing	1	38	10	g	D	D	D	D	D	D	D	1 981
33721	Office furniture (including fixtures) manufacturing	1	38	10	g	D	D	D	D	D	D	D	1 981
337215	Showcase, partition, shelving, and locker manufacturing	1	21	7	1 107	27 647	917	1 915	18 881	49 819	36 046	81 744	1 484

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MIAMI-DADE—Con.													
339	Miscellaneous manufacturing	1	'285	37	'7 997	'315 111	'4 024	'7 676	'94 172	'1 105 997	'252 168	'1 331 556	'42 584
3391	Medical equipment and supplies manufacturing	—	120	16	6 352	271 001	2 806	5 428	70 135	1 015 857	166 132	1 157 244	40 027
33911	Medical equipment and supplies manufacturing	—	120	16	6 352	271 001	2 806	5 428	70 135	1 015 857	166 132	1 157 244	40 027
339112	Surgical and medical instrument manufacturing	—	13	6	1 717	50 594	1 270	2 315	20 935	204 847	41 505	244 568	9 959
339113	Surgical appliance and supplies manufacturing	—	19	5	h	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	4	'165	21	'1 645	'44 110	'1 218	'2 248	'24 037	'90 140	'86 036	'174 312	'2 557
33999	All other miscellaneous manufacturing	5	44	9	635	15 503	504	936	9 178	33 481	31 907	64 358	1 095
339999	All other miscellaneous manufacturing	5	37	9	606	14 572	482	893	8 607	30 994	30 328	60 292	D
NASSAU													
31-33	Manufacturing	—	36	6	1 314	73 283	977	2 124	51 207	300 417	252 602	552 743	11 548
322	Paper manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
OKALOOSA													
31-33	Manufacturing	3	125	19	2 338	86 251	1 505	3 101	41 414	203 117	110 221	313 588	8 951
334	Computer and electronic product manufacturing	7	7	3	557	29 415	178	342	6 958	60 491	27 161	88 168	4 006
336	Transportation equipment manufacturing	1	9	3	589	20 303	422	883	10 244	42 968	21 424	64 979	1 880
3364	Aerospace product and parts manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
ORANGE													
31-33	Manufacturing	1	827	221	29 196	1 249 946	16 005	30 951	474 661	4 072 426	3 102 368	7 145 403	245 387
311	Food manufacturing	—	52	19	2 715	85 345	2 126	4 050	61 621	494 807	420 903	914 960	D
3118	Bakeries and tortilla manufacturing	—	30	10	1 130	32 563	938	1 663	27 074	139 407	58 376	197 771	D
31181	Bread and bakery product manufacturing	—	28	9	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	13	7	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	153	33	2 545	93 840	1 757	3 415	53 931	222 272	141 395	362 097	14 825
3231	Printing and related support activities	2	153	33	2 545	93 840	1 757	3 415	53 931	222 272	141 395	362 097	14 825
32311	Printing	2	140	29	2 355	86 476	1 619	3 164	49 178	209 873	138 491	347 077	D
323110	Commercial lithographic printing	1	58	15	1 307	52 435	883	1 786	29 374	122 169	93 721	214 760	9 427
325	Chemical manufacturing	1	37	8	572	26 826	325	623	11 905	145 831	273 418	419 889	3 949
326	Plastics and rubber products manufacturing	1	35	16	1 611	54 439	1 301	2 503	37 480	153 675	211 436	365 898	14 195
3261	Plastics product manufacturing	1	32	14	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	19	4	598	19 347	481	793	12 207	41 378	42 558	87 885	1 591
326199	All other plastics product manufacturing	3	16	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	65	26	1 407	45 765	1 095	2 333	31 350	146 682	108 473	255 642	5 360
3273	Cement and concrete product manufacturing	1	42	18	1 001	33 382	756	1 646	22 312	114 540	76 416	191 826	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ORANGE—Con.													
332	Fabricated metal product manufacturing	1	108	23	1 882	65 306	1 402	2 695	40 050	160 289	143 949	306 904	D
3323	Architectural and structural metals manufacturing	1	42	11	1 035	35 135	737	1 424	18 921	93 504	77 308	171 531	D
33232	Ornamental and architectural metal products manufacturing	—	29	5	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	40	12	2 961	170 798	947	1 923	33 353	620 647	595 243	1 200 807	D
3333	Commercial and service industry machinery manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	54	25	8 498	516 157	2 540	5 121	101 780	1 600 974	450 825	2 038 752	D
3344	Semiconductor and other electronic component manufacturing	—	13	7	2 099	106 784	1 077	2 384	50 794	243 566	70 336	306 013	D
33441	Semiconductor and other electronic component manufacturing	—	13	7	2 099	106 784	1 077	2 384	50 794	243 566	70 336	306 013	D
334413	Semiconductor and related device manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	18	10	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	18	10	i	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	5	14	9	531	19 195	364	766	10 619	50 791	40 114	90 753	D
336	Transportation equipment manufacturing	—	27	10	2 492	55 544	1 338	2 350	25 145	147 255	206 328	354 156	6 132
3363	Motor vehicle parts manufacturing	—	13	6	1 045	21 866	773	1 109	9 410	69 185	32 319	100 931	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	4	2	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	4	2	g	D	D	D	D	D	D	D	D
336612	Boat building	—	4	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	5	62	11	962	26 588	779	1 442	16 391	81 331	57 733	137 893	3 792
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	51	6	514	12 189	414	692	8 412	28 855	21 365	49 067	D
339	Miscellaneous manufacturing	3	101	13	1 246	37 227	901	1 354	20 809	93 729	55 960	149 981	3 791
3399	Other miscellaneous manufacturing	3	63	9	867	25 236	621	834	13 943	60 889	44 809	105 634	D
33999	All other miscellaneous manufacturing	1	19	4	530	15 781	412	499	9 671	43 750	33 519	77 221	1 750
339999	All other miscellaneous manufacturing	1	17	4	f	D	D	D	D	D	D	D	D
OSCEOLA													
31-33	Manufacturing	1	83	25	1 565	51 091	1 245	2 573	34 724	124 227	202 665	328 890	15 441

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PALM BEACH													
31-33	Manufacturing	2	1 078	180	18 234	674 541	11 486	22 909	353 919	1 718 538	1 475 370	3 204 558	104 618
311	Food manufacturing	1	87	19	3 061	110 098	2 116	4 836	82 716	345 100	430 371	810 967	19 515
3113	Sugar and confectionery product manufacturing	—	11	6	2 061	78 258	1 448	3 452	62 499	244 604	352 696	631 311	D
31131	Sugar manufacturing	—	6	5	2 022	77 442	1 429	3 417	62 080	242 788	351 618	628 409	15 934
311311	Sugarcane mills	—	6	5	2 022	77 442	1 429	3 417	62 080	242 788	351 618	628 409	15 934
3118	Bakeries and tortilla manufacturing	7	49	6	614	19 388	371	758	11 794	47 912	20 635	68 324	1 456
31181	Bread and bakery product manufacturing	7	48	6	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	35	9	668	18 080	525	936	11 825	35 582	36 906	71 943	2 013
323	Printing and related support activities	2	130	11	915	29 883	618	1 077	18 055	63 485	31 187	95 002	3 157
3231	Printing and related support activities	2	130	11	915	29 883	618	1 077	18 055	63 485	31 187	95 002	3 157
32311	Printing	2	120	11	875	28 484	587	1 036	17 172	61 628	30 456	92 410	3 092
325	Chemical manufacturing	3	28	5	681	25 011	481	960	12 028	105 713	65 769	171 463	7 678
3254	Pharmaceutical and medicine manufacturing	4	8	3	504	18 039	367	734	8 968	76 935	20 137	96 253	D
32541	Pharmaceutical and medicine manufacturing	4	8	3	504	18 039	367	734	8 968	76 935	20 137	96 253	D
326	Plastics and rubber products manufacturing	4	43	11	650	18 777	488	782	11 263	39 318	34 449	73 974	3 303
327	Nonmetallic mineral product manufacturing	3	75	31	1 342	51 879	992	2 161	33 670	153 136	143 127	297 557	7 094
3273	Cement and concrete product manufacturing	3	42	24	1 000	37 336	769	1 688	25 831	119 499	109 120	227 703	5 104
332	Fabricated metal product manufacturing	5	132	19	1 397	50 652	1 036	2 014	32 938	147 506	104 170	250 427	7 087
3323	Architectural and structural metals manufacturing	3	49	9	526	18 632	382	681	11 418	53 019	47 626	100 253	2 806
333	Machinery manufacturing	2	51	14	868	35 259	483	891	15 251	70 572	60 695	132 699	4 077
334	Computer and electronic product manufacturing	2	52	15	2 434	92 167	1 088	2 114	32 889	223 705	143 840	368 314	15 636
3342	Communications equipment manufacturing	1	6	2	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	3	16	5	f	D	D	D	D	D	D	D	5 893
33441	Semiconductor and other electronic component manufacturing	3	16	5	f	D	D	D	D	D	D	D	5 893
336	Transportation equipment manufacturing	3	41	8	2 036	114 986	840	1 701	35 450	197 987	142 462	310 239	D
3364	Aerospace product and parts manufacturing	3	5	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	3	5	3	g	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	159	9	1 199	35 315	899	1 791	21 385	83 889	64 618	148 568	2 263
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	132	6	670	18 359	526	1 015	12 422	34 641	26 165	60 778	1 218
339	Miscellaneous manufacturing	5	140	13	1 377	44 495	918	1 722	23 949	113 162	69 563	185 544	8 140
3399	Other miscellaneous manufacturing	6	80	10	913	28 345	602	1 138	14 533	63 333	56 782	123 603	6 079
33999	All other miscellaneous manufacturing	6	15	4	515	14 806	346	646	7 901	25 364	21 364	50 733	2 958
339999	All other miscellaneous manufacturing	6	15	4	515	14 806	346	646	7 901	25 364	21 364	50 733	2 958

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PASCO													
31-33	Manufacturing	3	208	35	3 047	98 617	2 188	4 387	61 445	229 564	225 091	451 828	29 106
332	Fabricated metal product manufacturing	—	31	5	871	30 479	667	1 348	21 938	64 748	38 238	102 601	4 044
3329	Other fabricated metal product manufacturing	—	6	3	662	25 028	541	1 119	19 218	55 637	30 918	86 167	3 706
33291	Metal valve manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
PINELLAS													
31-33	Manufacturing	1	1 240	290	39 396	1 559 302	22 903	45 272	639 871	3 923 790	3 130 839	7 087 910	188 674
311	Food manufacturing	—	51	5	762	26 875	627	1 201	19 613	247 977	185 888	434 178	D
323	Printing and related support activities	4	141	22	2 058	66 787	1 463	2 782	38 654	140 221	109 383	249 458	5 865
3231	Printing and related support activities	4	141	22	2 058	66 787	1 463	2 782	38 654	140 221	109 383	249 458	5 865
32311	Printing	4	132	20	1 983	63 989	1 399	2 664	36 685	135 593	108 252	243 702	D
323110	Commercial lithographic printing	2	53	9	783	26 181	588	1 172	15 714	51 716	34 727	86 481	1 615
325	Chemical manufacturing	1	49	14	2 351	112 989	1 203	2 291	38 798	393 787	186 023	576 764	28 275
3254	Pharmaceutical and medicine manufacturing	—	10	5	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	10	5	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	57	20	g	D	D	D	D	D	D	D	7 733
3261	Plastics product manufacturing ..	2	53	20	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	34	15	1 285	35 820	939	1 934	24 690	88 292	74 167	163 199	5 751
326199	All other plastics product manufacturing	1	30	13	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	224	39	3 469	106 546	2 438	4 732	62 589	215 755	147 297	361 003	13 049
3323	Architectural and structural metals manufacturing	2	57	16	1 675	46 833	1 137	2 314	26 093	94 992	83 071	176 869	7 373
33232	Ornamental and architectural metal products manufacturing	1	39	11	1 331	34 076	910	1 829	18 426	67 379	49 765	116 051	6 423
332322	Sheet metal work manufacturing	—	20	8	869	22 689	623	1 260	12 650	44 286	33 313	77 238	4 787
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	105	7	733	25 471	529	963	16 541	45 164	20 462	65 017	D
33271	Machine shops	2	91	6	541	18 472	380	646	11 498	32 296	15 719	47 498	1 777
332710	Machine shops	2	91	6	541	18 472	380	646	11 498	32 296	15 719	47 498	1 777
333	Machinery manufacturing	2	111	34	2 418	105 415	1 392	2 706	48 485	186 983	185 553	378 849	6 192
3335	Metalworking machinery manufacturing	1	41	9	727	26 642	531	1 054	17 947	46 738	22 552	68 570	2 051
33351	Metalworking machinery manufacturing	1	41	9	727	26 642	531	1 054	17 947	46 738	22 552	68 570	2 051
3339	Other general purpose machinery manufacturing	1	34	11	731	31 822	403	800	14 593	52 433	45 200	98 883	D
33399	All other general purpose machinery manufacturing	1	22	10	633	28 391	334	675	12 832	45 931	39 431	87 040	1 028
334	Computer and electronic product manufacturing	—	92	39	11 945	596 638	4 486	9 135	139 882	1 288 145	1 342 448	2 655 889	39 186
3342	Communications equipment manufacturing	—	13	4	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	8	3	h	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	8	3	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PINELLAS—Con.													
334	Computer and electronic product manufacturing—Con.												
3344	Semiconductor and other electronic component manufacturing	—	23	11	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	23	11	h	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	43	21	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	43	21	i	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	15	12	h	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	29	10	1 454	47 133	905	1 777	19 914	127 949	89 629	218 604	11 656
3353	Electrical equipment manufacturing	5	10	4	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	5	10	4	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	15	6	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	51	20	2 407	71 660	1 954	4 029	50 881	150 935	139 193	286 604	D
3363	Motor vehicle parts manufacturing	1	17	5	901	23 725	729	1 379	15 796	51 792	42 444	93 256	D
33637	Motor vehicle metal stamping	—	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	2	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	3	19	8	790	22 479	709	1 590	18 318	43 181	45 438	88 619	D
33661	Ship and boat building	3	19	8	790	22 479	709	1 590	18 318	43 181	45 438	88 619	D
336612	Boat building	3	17	7	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	106	13	1 123	33 634	818	1 653	19 966	72 506	68 388	141 174	1 751
339	Miscellaneous manufacturing	4	174	45	7 252	267 225	4 535	8 687	125 153	756 312	413 982	1 176 264	48 430
3391	Medical equipment and supplies manufacturing	5	93	27	4 509	175 002	2 569	4 704	73 061	491 741	292 204	788 558	20 339
33911	Medical equipment and supplies manufacturing	5	93	27	4 509	175 002	2 569	4 704	73 061	491 741	292 204	788 558	20 339
339112	Surgical and medical instrument manufacturing	9	13	7	1 457	69 087	780	1 154	24 620	202 795	93 682	299 663	D
339113	Surgical appliance and supplies manufacturing	2	17	6	1 055	31 113	502	1 054	11 901	72 045	57 761	129 837	D
339115	Ophthalmic goods manufacturing	3	6	4	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	81	18	2 743	92 223	1 966	3 983	52 092	264 571	121 778	387 706	28 091
33994	Office supplies (except paper) manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
339941	Pen and mechanical pencil manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	3	33	7	794	29 008	559	1 204	16 137	59 177	40 851	100 136	D
339950	Sign manufacturing	3	33	7	794	29 008	559	1 204	16 137	59 177	40 851	100 136	D
33999	All other miscellaneous manufacturing	—	26	6	f	D	D	D	D	D	D	D	D
POLK													
31-33	Manufacturing	1	452	164	16 088	599 415	11 347	23 565	346 524	2 229 138	2 774 308	4 938 430	207 531

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
POLK—Con.													
311	Food manufacturing	1	30	23	3 638	153 700	2 268	4 816	74 365	838 536	671 638	1 500 062	34 793
3114	Fruit and vegetable preserving and specialty food manufacturing	2	10	10	1 843	92 381	1 006	2 146	37 092	594 139	359 186	954 144	23 138
31141	Frozen food manufacturing	5	5	5	626	29 692	505	1 120	20 476	229 111	153 120	383 078	6 868
311411	Frozen fruit, juice, and vegetable manufacturing ...	5	5	5	626	29 692	505	1 120	20 476	229 111	153 120	383 078	6 868
31142	Fruit and vegetable canning, pickling, and drying	—	5	5	1 217	62 689	501	1 026	16 616	365 028	206 066	571 066	16 270
311421	Fruit and vegetable canning .	—	5	5	1 217	62 689	501	1 026	16 616	365 028	206 066	571 066	16 270
3118	Bakeries and tortilla manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	30	19	1 644	46 003	1 294	2 545	29 770	79 403	142 419	223 501	3 138
3212	Veneer, plywood, and engineered wood product manufacturing	—	10	9	f	D	D	D	D	D	D	D	1 664
32121	Veneer, plywood, and engineered wood product manufacturing	—	10	9	f	D	D	D	D	D	D	D	1 664
321214	Truss manufacturing	—	9	9	564	15 666	410	830	9 652	27 013	27 721	54 785	1 664
3219	Other wood product manufacturing	1	18	9	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	—	9	3	565	17 646	457	888	11 313	28 626	32 846	62 079	D
321991	Manufactured home (mobile home) manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	11	7	666	27 396	515	1 124	17 208	64 966	127 939	193 334	5 869
3222	Converted paper product manufacturing	—	10	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	7	6	615	25 550	474	1 033	16 051	60 996	122 483	183 741	D
322211	Corrugated and solid fiber box manufacturing	—	6	5	f	D	D	D	D	D	D	D	5 817
325	Chemical manufacturing	—	38	23	2 754	135 299	1 994	4 534	88 712	645 908	1 209 404	1 797 206	110 462
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	16	12	g	D	D	D	D	D	D	D	105 484
32531	Fertilizer manufacturing	—	15	11	g	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing	—	5	5	1 843	98 006	1 401	3 339	69 049	475 392	964 850	1 397 826	D
326	Plastics and rubber products manufacturing	1	39	19	1 205	37 387	947	1 856	24 934	117 120	115 238	231 535	12 994
3261	Plastics product manufacturing ..	1	36	18	1 152	35 738	911	1 778	23 938	114 680	111 498	225 347	D
32619	Other plastics product manufacturing	1	21	8	530	15 772	398	755	9 697	43 775	48 180	91 856	4 166
326199	All other plastics product manufacturing	1	20	8	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	35	11	860	27 495	686	1 360	19 773	103 592	54 544	154 975	9 788
3273	Cement and concrete product manufacturing	—	23	8	582	19 293	454	950	13 416	73 195	39 484	110 523	9 303
332	Fabricated metal product manufacturing	4	76	20	1 416	48 881	1 040	2 065	29 674	102 002	93 681	197 246	3 325
3323	Architectural and structural metals manufacturing	2	31	13	893	29 333	658	1 360	17 625	62 337	60 450	124 731	1 484
33231	Plate work and fabricated structural product manufacturing	1	19	10	642	20 924	462	952	12 108	36 548	28 451	66 533	921
333	Machinery manufacturing	1	33	10	858	30 853	493	993	12 054	76 470	55 106	130 546	4 889
336	Transportation equipment manufacturing	—	16	4	638	17 713	446	975	8 476	32 083	71 781	102 809	D
339	Miscellaneous manufacturing	5	38	6	596	20 546	406	816	10 648	50 832	35 353	88 830	2 157
PUTNAM													
31-33	Manufacturing	—	38	13	2 309	94 319	1 869	3 628	67 862	363 832	350 752	714 730	34 813
322	Paper manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	2	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	—	2	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	2	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ST. JOHNS													
31-33	Manufacturing	1	92	16	1 841	59 518	1 320	2 521	34 588	172 392	173 118	341 322	D
ST. LUCIE													
31-33	Manufacturing	1	146	27	2 384	80 936	1 737	3 301	52 770	322 990	355 751	595 720	42 186
311	Food manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
SANTA ROSA													
31-33	Manufacturing	1	62	11	987	28 332	744	1 452	18 521	108 545	154 656	264 490	12 251
SARASOTA													
31-33	Manufacturing	1	386	73	7 803	271 420	5 104	10 000	134 139	631 906	449 017	1 074 299	36 485
321	Wood product manufacturing	1	17	3	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	27	9	552	17 882	431	933	13 193	58 117	40 236	98 295	3 188
332	Fabricated metal product manufacturing	-	46	11	2 178	75 470	1 340	2 475	34 805	162 403	90 580	253 076	7 093
3323	Architectural and structural metals manufacturing	-	18	6	1 514	52 685	872	1 656	22 910	121 712	69 032	190 494	4 140
33232	Ornamental and architectural metal products manufacturing	-	16	6	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	29	6	529	20 334	346	683	10 668	44 770	44 409	83 822	D
334	Computer and electronic product manufacturing	3	19	7	742	35 133	307	579	7 228	84 326	59 388	144 448	D
337	Furniture and related product manufacturing	1	48	7	898	25 164	701	1 465	16 764	59 707	42 012	102 299	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	41	4	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	18	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	48	10	503	15 846	307	585	7 429	34 555	19 414	53 284	D
SEMINOLE													
31-33	Manufacturing	1	'431	85	'11 768	'693 673	'5 144	'9 928	'131 929	'1 316 175	'690 009	'2 031 831	'49 880
332	Fabricated metal product manufacturing	1	57	11	1 366	42 244	1 095	2 264	29 020	77 658	95 438	172 866	7 643
3323	Architectural and structural metals manufacturing	-	18	8	f	D	D	D	D	D	D	D	4 811
33232	Ornamental and architectural metal products manufacturing	-	15	7	921	27 223	762	1 619	19 532	51 197	67 880	119 979	D
332321	Metal window and door manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	37	12	5 323	479 934	635	1 108	15 899	806 569	168 857	999 571	D
3342	Communications equipment manufacturing	-	5	3	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	14	4	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	14	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	44	8	506	13 655	391	750	8 657	31 960	28 309	59 894	983
339	Miscellaneous manufacturing	1	63	8	790	24 336	550	1 028	12 264	102 227	56 507	160 024	4 359

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SUMTER													
31-33	Manufacturing	-	25	8	821	24 000	630	1 354	16 400	62 949	177 800	241 253	3 310
SUWANNEE													
31-33	Manufacturing	-	21	3	1 616	39 452	1 435	2 748	32 252	32 970	152 820	191 925	D
311	Food manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
TAYLOR													
31-33	Manufacturing	-	24	11	1 604	60 482	1 292	2 372	41 769	227 781	198 950	435 430	13 588
322	Paper manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	2	1	f	D	D	D	D	D	D	D	D
32211	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
VOLUSIA													
31-33	Manufacturing	1	383	73	8 609	289 091	5 760	10 609	154 393	687 362	609 463	1 294 455	63 634
323	Printing and related support activities	3	51	9	502	13 852	387	572	9 236	25 040	20 060	44 982	1 181
3231	Printing and related support activities	3	51	9	502	13 852	387	572	9 236	25 040	20 060	44 982	1 181
32311	Printing	3	51	9	502	13 852	387	572	9 236	25 040	20 060	44 982	1 181
326	Plastics and rubber products manufacturing	1	25	5	577	17 643	452	980	11 598	49 945	36 918	86 522	1 804
3261	Plastics product manufacturing ..	1	21	4	531	15 993	414	892	10 308	45 755	30 334	75 748	1 752
332	Fabricated metal product manufacturing	-	58	8	982	32 985	691	1 344	18 624	70 624	83 819	155 070	4 375
333	Machinery manufacturing	4	23	6	727	27 602	440	881	13 455	61 820	59 904	122 073	1 717
334	Computer and electronic product manufacturing	-	15	6	1 506	56 882	750	1 515	20 383	111 433	136 646	244 478	3 835
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	7	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	8	4	501	13 503	370	384	8 918	31 570	19 486	50 491	D
336	Transportation equipment manufacturing	1	25	7	967	32 596	702	1 085	15 366	101 673	84 928	185 436	3 533
3366	Ship and boat building	-	10	4	564	19 465	393	779	11 218	60 833	60 717	121 550	3 147
33661	Ship and boat building	-	10	4	564	19 465	393	779	11 218	60 833	60 717	121 550	3 147
336612	Boat building	-	9	4	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	51	8	1 358	50 379	960	1 976	32 386	97 957	33 854	133 164	D
3391	Medical equipment and supplies manufacturing	1	22	3	936	37 593	727	1 547	26 753	71 843	22 628	96 323	D
33911	Medical equipment and supplies manufacturing	1	22	3	936	37 593	727	1 547	26 753	71 843	22 628	96 323	D
339112	Surgical and medical instrument manufacturing ..	1	4	3	876	35 836	690	1 484	25 790	68 041	21 230	91 131	D
WALTON													
31-33	Manufacturing	1	31	4	700	19 377	582	1 131	14 008	71 348	18 701	89 794	1 744
WASHINGTON													
31-33	Manufacturing	-	9	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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

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

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

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

Table 4. Industry Statistics for Places: 2002

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALACHUA													
31-33	Manufacturing	1	18	5	780	27 148	580	1 208	15 204	54 025	73 414	130 676	3 662
APOPKA													
31-33	Manufacturing	-	34	11	1 334	36 243	824	1 423	18 280	140 429	56 523	196 913	16 068
334	Computer and electronic product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
AUBURNDALE													
31-33	Manufacturing	1	23	12	1 163	33 653	932	1 872	22 255	84 726	140 993	221 655	3 599
BARTOW													
31-33	Manufacturing	-	28	15	2 089	70 372	1 687	3 666	50 279	301 076	441 465	714 491	D
321	Wood product manufacturing	1	6	6	769	21 066	650	1 326	14 759	36 533	73 854	111 251	D
3219	Other wood product manufacturing	2	3	3	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
BELLE GLADE													
31-33	Manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311311	Sugarcane mills	-	1	1	f	D	D	D	D	D	D	D	D
BOCA RATON													
31-33	Manufacturing	3	162	28	3 563	121 399	2 102	4 080	59 460	363 021	236 130	601 079	15 395
334	Computer and electronic product manufacturing	1	21	5	g	D	D	D	D	D	D	D	6 829
3342	Communications equipment manufacturing	1	4	2	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
BOYNTON BEACH													
31-33	Manufacturing	3	73	12	708	23 420	444	899	11 911	46 701	36 984	84 387	2 792
CAPE CORAL													
31-33	Manufacturing	4	92	11	749	22 916	532	900	13 187	43 727	32 296	76 284	1 157
CEDAR GROVE													
31-33	Manufacturing	-	16	8	620	17 743	492	785	12 243	55 618	44 258	99 094	2 421
CHIPLEY													
31-33	Manufacturing	-	6	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
CLEARWATER													
31-33	Manufacturing	3	136	24	2 101	70 545	1 187	2 149	32 319	184 976	159 500	352 363	9 014
339	Miscellaneous manufacturing	9	19	3	561	17 245	126	251	4 288	33 206	6 018	40 173	3 559
3391	Medical equipment and supplies manufacturing	9	14	3	552	17 010	121	243	4 175	32 733	5 626	39 318	D
33911	Medical equipment and supplies manufacturing	9	14	3	552	17 010	121	243	4 175	32 733	5 626	39 318	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
CLEWISTON													
31-33	Manufacturing	—	8	3	f	D	D	D	D	D	D	D	
311	Food manufacturing	—	3	2	f	D	D	D	D	D	D	D	
CORAL GABLES													
31-33	Manufacturing	8	43	4	506	21 156	299	525	8 233	50 281	24 999	75 319	1 397
CORAL SPRINGS													
31-33	Manufacturing	1	74	13	1 036	36 064	762	1 516	21 367	88 925	62 872	150 430	3 597
DANIA BEACH													
31-33	Manufacturing	4	54	5	588	22 769	357	630	9 915	72 915	35 701	104 513	1 606
DAVIE													
31-33	Manufacturing	7	98	15	1 927	74 082	1 140	2 053	32 460	345 671	139 277	426 661	23 604
325	Chemical manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
DAYTONA BEACH													
31-33	Manufacturing	1	58	8	1 104	38 118	701	1 040	14 349	97 725	95 425	193 256	4 194
DEERFIELD BEACH													
31-33	Manufacturing	3	'108	'26	'2 475	'87 357	'1 724	'3 334	'46 533	'184 467	'162 178	'361 495	'12 411
DE LAND													
31-33	Manufacturing	1	46	16	2 220	81 479	1 528	3 122	51 175	170 770	132 824	303 616	38 433
339	Miscellaneous manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	3	2	f	D	D	D	D	D	D	D	D
DELRAY BEACH													
31-33	Manufacturing	2	76	11	707	26 261	508	1 031	16 304	60 836	55 417	114 444	3 521
FERNANDINA BEACH													
31-33	Manufacturing	—	17	4	g	D	D	D	D	D	D	D	11 253
322	Paper manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
FORT LAUDERDALE													
31-33	Manufacturing	2	'336	64	'5 984	'236 364	'3 628	'7 189	'105 776	'537 528	'492 871	'1 033 220	'28 859
332	Fabricated metal product manufacturing	4	45	8	622	23 772	460	984	14 393	48 228	36 782	86 351	5 703
333	Machinery manufacturing	—	23	10	724	28 938	398	716	10 637	78 524	64 640	140 696	793
334	Computer and electronic product manufacturing	1	23	10	1 250	64 955	443	907	13 747	110 498	96 191	214 163	6 909
3341	Computer and peripheral equipment manufacturing	2	4	3	513	35 111	89	186	3 958	48 975	64 536	112 100	D
33411	Computer and peripheral equipment manufacturing	2	4	3	513	35 111	89	186	3 958	48 975	64 536	112 100	D
337	Furniture and related product manufacturing	3	21	7	569	20 398	408	748	11 227	39 411	33 484	75 941	1 966
339	Miscellaneous manufacturing	—	29	5	637	25 009	415	828	12 115	96 859	33 480	124 307	2 893
FORT MYERS													
31-33	Manufacturing	2	85	16	1 602	52 076	1 203	2 406	34 964	156 033	100 462	257 109	8 436
333	Machinery manufacturing	3	5	3	593	20 544	490	957	15 194	66 711	39 739	108 002	D
3339	Other general purpose machinery manufacturing	3	3	3	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	3	3	3	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	3	3	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FORT PIERCE													
31-33	Manufacturing	3	29	4	556	17 199	362	703	10 456	52 042	41 522	93 939	D
FORT WALTON BEACH													
31-33	Manufacturing	4	41	12	1 443	60 191	844	1 784	26 223	145 807	77 025	221 914	7 259
334	Computer and electronic product manufacturing	7	6	3	f	D	D	D	D	D	D	D	D
GAINESVILLE													
31-33	Manufacturing	1	83	18	1 587	59 375	1 081	2 096	34 904	210 135	233 034	439 295	15 006
HALLANDALE BEACH													
31-33	Manufacturing	5	49	8	548	16 537	425	834	10 520	37 771	27 723	65 658	994
HIALEAH													
31-33	Manufacturing	4	551	97	8 667	234 635	6 728	12 593	145 431	552 411	465 274	1 013 440	22 939
315	Apparel manufacturing	4	64	15	1 168	19 247	988	1 526	13 196	44 568	37 605	82 167	454
3152	Cut and sew apparel manufacturing	3	55	13	1 020	16 266	863	1 329	11 243	38 918	34 112	73 053	407
323	Printing and related support activities	4	57	14	1 163	36 931	842	1 603	21 911	66 154	59 172	125 221	4 157
3231	Printing and related support activities	4	57	14	1 163	36 931	842	1 603	21 911	66 154	59 172	125 221	4 157
32311	Printing	4	52	12	1 098	35 351	787	1 498	20 838	64 141	58 086	121 502	4 072
323113	Commercial screen printing ..	4	13	6	533	16 171	370	730	8 250	29 614	37 984	66 919	1 218
332	Fabricated metal product manufacturing	3	66	9	1 027	29 167	804	1 692	19 647	58 487	51 853	110 403	2 635
3323	Architectural and structural metals manufacturing	3	23	7	702	18 036	549	1 188	12 058	34 179	37 119	71 416	1 936
33232	Ornamental and architectural metal products manufacturing	3	17	6	652	16 367	512	1 123	11 198	31 785	33 573	65 466	1 891
333	Machinery manufacturing	7	25	6	609	20 179	464	941	13 430	45 894	40 188	86 084	1 684
337	Furniture and related product manufacturing	4	87	10	730	19 072	565	1 034	12 377	40 634	34 166	74 737	806
339	Miscellaneous manufacturing	7	48	7	f	D	D	D	D	D	D	D	D
HOLLYWOOD													
31-33	Manufacturing	3	144	24	2 337	85 949	1 699	3 407	49 476	187 356	146 374	332 016	5 812
323	Printing and related support activities	1	23	5	602	25 037	465	914	15 529	53 529	32 681	86 157	2 054
3231	Printing and related support activities	1	23	5	602	25 037	465	914	15 529	53 529	32 681	86 157	2 054
32311	Printing	1	20	5	597	24 870	462	908	15 437	53 284	32 635	85 866	D
323110	Commercial lithographic printing	1	10	5	541	23 369	422	848	14 506	49 505	31 183	80 635	1 887
JACKSONVILLE													
31-33	Manufacturing	1	664	214	'26 932	'1 070 615	'18 317	'37 238	'577 478	'3 918 539	'2 923 823	'6 831 585	218 790
311	Food manufacturing	2	35	14	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	8	5	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	5	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	13	3	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	13	3	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	5	3	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	1	7	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	9	8	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	8	7	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	6	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	3	3	f	D	D	D	D	D	D	D	D
31212	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
JACKSONVILLE—Con.													
315	Apparel manufacturing	—	14	3	f	D	D	D	D	D	D	D	
3152	Cut and sew apparel manufacturing	—	10	3	f	D	D	D	D	D	D	D	
321	Wood product manufacturing	—	20	9	f	D	D	D	D	D	D	D	
322	Paper manufacturing	—	19	15	g	D	D	D	D	D	D	D	
3222	Converted paper product manufacturing	—	18	14	g	D	D	D	D	D	D	D	
32221	Paperboard container manufacturing	—	10	9	f	D	D	D	D	D	D	D	
32223	Stationery product manufacturing	—	3	3	f	D	D	D	D	D	D	D	
322232	Envelope manufacturing	—	3	3	f	D	D	D	D	D	D	D	
323	Printing and related support activities	2	110	25	1 692	54 957	1 190	2 320	33 850	136 129	100 541	236 584	13 129
3231	Printing and related support activities	2	110	25	1 692	54 957	1 190	2 320	33 850	136 129	100 541	236 584	13 129
32311	Printing	2	99	22	1 550	50 469	1 072	2 080	30 779	128 535	98 407	226 756	D
323110	Commercial lithographic printing	3	44	13	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	34	11	f	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing	1	29	10	782	31 001	577	1 228	19 029	85 285	94 254	178 733	D
3261	Plastics product manufacturing ..	1	26	8	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	35	17	g	D	D	D	D	D	D	D	
3273	Cement and concrete product manufacturing	1	23	11	764	25 783	555	1 244	17 624	71 918	49 028	126 406	3 417
3274	Lime and gypsum product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	100	30	h	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	3	44	15	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	4	27	11	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	6	8	3	726	22 067	549	1 158	12 546	58 268	41 987	104 296	D
333	Machinery manufacturing	2	40	13	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	8	17	6	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	26	8	g	D	D	D	D	D	D	D	6 003
3363	Motor vehicle parts manufacturing	—	9	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	2	11	4	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	2	11	4	g	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	2	8	4	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	56	14	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	41	9	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	5	17	5	544	17 187	393	683	8 718	39 985	19 696	59 275	887
339	Miscellaneous manufacturing	—	77	16	4 139	237 758	2 135	4 419	85 499	796 960	165 654	968 350	D
3391	Medical equipment and supplies manufacturing	—	34	9	h	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	34	9	h	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JUPITER													
31-33	Manufacturing	7	49	6	908	39 195	532	990	19 101	88 092	66 124	153 573	3 435
336	Transportation equipment manufacturing	9	3	1	f	D	D	D	D	D	D	D	D
LAKE CITY													
31-33	Manufacturing	2	21	6	570	15 421	487	1 021	11 600	35 061	51 301	86 602	602
LAKELAND													
31-33	Manufacturing	—	81	27	3 292	105 629	2 349	4 911	63 802	383 475	330 932	712 680	24 937
311	Food manufacturing	—	6	4	1 186	38 899	844	1 792	24 368	195 270	98 589	294 249	5 496
3118	Bakeries and tortilla manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	f	D	D	D	D	D	D	D	D
LAKE MARY													
31-33	Manufacturing	—	18	7	5 142	482 024	507	869	14 716	782 625	193 109	1 001 340	D
334	Computer and electronic product manufacturing	—	6	2	h	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
LAKE WALES													
31-33	Manufacturing	—	23	9	1 212	61 377	444	856	13 032	293 329	182 452	475 441	12 839
311	Food manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	—	1	1	f	D	D	D	D	D	D	D	D
LAKE WORTH													
31-33	Manufacturing	4	54	7	519	14 864	397	594	9 382	37 829	30 372	68 897	1 224
LARGO													
31-33	Manufacturing	—	96	23	3 571	144 212	1 710	3 469	50 355	337 186	173 100	513 700	14 124
334	Computer and electronic product manufacturing	1	9	5	1 185	52 424	310	613	10 902	56 532	49 129	106 361	5 511
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	4	3	1 057	46 157	271	530	9 636	44 960	35 244	80 953	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	4	3	1 057	46 157	271	530	9 636	44 960	35 244	80 953	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	3	g	D	D	D	D	D	D	D	4 843
339	Miscellaneous manufacturing	—	15	3	890	36 007	537	1 055	15 757	129 988	38 775	168 885	D
3399	Other miscellaneous manufacturing	—	10	2	f	D	D	D	D	D	D	D	D
33994	Office supplies (except paper) manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
339941	Pen and mechanical pencil manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
LEESBURG													
31-33	Manufacturing	8	30	8	599	19 429	463	942	13 298	64 938	52 132	115 179	2 563
LIVE OAK													
31-33	Manufacturing	—	13	1	g	D	D	D	D	D	D	D	D
311	Food manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	g	D	D	D	D	D	D	D	D
LONGWOOD													
31-33	Manufacturing	1	'91	17	'1 266	'43 790	'808	'1 558	'20 526	'90 247	'82 543	'171 117	'4 842

See footnotes at end of table.

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
MADISON													
31-33	Manufacturing	9	5	2	f	D	D	D	D	D	D	D	
311	Food manufacturing	9	1	1	f	D	D	D	D	D	D	D	
3116	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	
31161	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	
311612	Meat processed from carcasses	9	1	1	f	D	D	D	D	D	D	D	
MELBOURNE													
31-33	Manufacturing	-	85	23	5 412	242 819	2 593	4 000	65 856	966 165	498 034	1 463 918	39 162
334	Computer and electronic product manufacturing	1	21	13	3 370	124 308	2 096	2 992	49 934	512 186	301 594	815 853	D
3342	Communications equipment manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	8	5	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	8	5	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
MIAMI													
31-33	Manufacturing	5	473	60	6 366	188 303	4 846	9 315	116 069	523 595	543 620	1 078 400	27 188
311	Food manufacturing	2	65	6	668	18 930	441	815	11 974	76 529	108 564	184 999	4 498
315	Apparel manufacturing	7	53	10	1 439	25 698	1 206	2 068	15 055	71 739	113 056	187 502	3 167
3152	Cut and sew apparel manufacturing	7	47	10	1 415	24 803	1 195	2 052	14 847	68 125	112 281	183 169	D
31522	Men's and boys' cut and sew apparel manufacturing	-	5	2	533	7 265	487	899	4 736	14 942	14 093	29 871	D
31523	Women's and girls' cut and sew apparel manufacturing	9	12	3	520	12 840	386	697	6 313	42 783	87 276	131 827	D
323	Printing and related support activities	5	77	7	659	22 233	487	927	14 133	46 003	25 644	72 285	3 682
3231	Printing and related support activities	5	77	7	659	22 233	487	927	14 133	46 003	25 644	72 285	3 682
32311	Printing	5	73	7	652	21 839	481	916	13 885	45 231	25 472	71 341	3 660
332	Fabricated metal product manufacturing	1	34	4	1 032	28 169	815	1 900	18 862	76 755	64 580	140 932	2 573
3323	Architectural and structural metals manufacturing	1	17	2	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	16	2	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	1	6	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	16	5	585	28 928	416	761	17 346	58 039	76 724	145 117	3 154

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MIAMI LAKES													
31-33	Manufacturing	-	38	23	7 518	324 907	3 227	6 383	95 148	1 480 407	603 756	2 059 462	56 734
325	Chemical manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	7	5	h	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	4	2	h	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	4	2	h	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
MIRAMAR													
31-33	Manufacturing	-	38	10	2 283	55 602	795	1 622	18 578	178 094	154 754	351 519	5 698
339	Miscellaneous manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
NEW PORT RICHEY													
31-33	Manufacturing	-	13	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
NORTH MIAMI													
31-33	Manufacturing	2	44	5	593	14 819	413	789	9 898	30 943	18 552	49 519	2 647
OAKLAND PARK													
31-33	Manufacturing	2	151	18	1 830	52 449	1 280	1 915	27 046	173 412	136 580	309 469	3 621
332	Fabricated metal product manufacturing	1	26	5	520	19 132	242	464	7 508	51 738	32 192	83 448	993
339	Miscellaneous manufacturing	1	22	4	f	D	D	D	D	D	D	D	1 164
3391	Medical equipment and supplies manufacturing	1	7	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	7	3	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	1	4	3	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OCALA													
31-33	Manufacturing	1	134	42	6 953	212 387	5 330	10 610	136 732	573 089	494 207	1 057 819	22 258
321	Wood product manufacturing	-	11	9	717	19 314	541	1 182	12 006	41 743	43 627	89 173	D
3219	Other wood product manufacturing	-	9	7	f	D	D	D	D	D	D	D	1 299
326	Plastics and rubber products manufacturing	-	5	4	694	24 337	595	1 344	19 426	49 913	36 915	86 726	D
332	Fabricated metal product manufacturing	-	23	7	g	D	D	D	D	D	D	D	10 770
3326	Spring and wire product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	9	3	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	10	4	750	17 171	637	1 234	13 587	35 159	35 941	70 831	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
OLDSMAR													
31-33	Manufacturing	2	59	17	1 284	43 402	844	1 829	25 471	108 169	83 947	191 154	5 993
OPA-LOCKA													
31-33	Manufacturing	3	93	25	2 032	61 757	1 606	3 111	40 616	148 188	118 253	266 045	8 426
323	Printing and related support activities	1	10	5	592	21 773	475	1 004	14 828	45 321	38 188	83 493	1 196
3231	Printing and related support activities	1	10	5	592	21 773	475	1 004	14 828	45 321	38 188	83 493	1 196
32311	Printing	1	10	5	592	21 773	475	1 004	14 828	45 321	38 188	83 493	1 196
ORLANDO													
31-33	Manufacturing	-	277	69	12 904	640 609	6 366	11 986	204 912	2 167 941	913 085	3 074 619	118 550
311	Food manufacturing	-	21	5	1 622	53 311	1 256	2 325	39 287	347 323	225 334	571 732	9 844
3118	Bakeries and tortilla manufacturing	-	16	3	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	16	3	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	7	3	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	64	12	1 045	38 959	723	1 493	21 533	94 511	50 531	143 011	5 847
3231	Printing and related support activities	1	64	12	1 045	38 959	723	1 493	21 533	94 511	50 531	143 011	5 847
32311	Printing	1	58	11	f	D	D	D	D	D	D	D	5 749
326	Plastics and rubber products manufacturing	-	12	5	634	21 304	530	1 066	15 578	67 657	98 834	165 451	D
3261	Plastics product manufacturing	-	10	4	f	D	D	D	D	D	D	D	D

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ORLANDO—Con.													
334	Computer and electronic product manufacturing	-	19	12	i	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	8	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	8	4	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	4	4	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	4	4	h	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	8	2	913	16 840	687	947	7 496	52 997	21 504	74 358	D
3363	Motor vehicle parts manufacturing	-	4	1	f	D	D	D	D	D	D	D	520
33632	Motor vehicle electrical and electronic equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ORMOND BEACH													
31-33	Manufacturing	1	54	12	1 375	47 596	956	1 997	25 171	103 805	65 517	169 452	D
PALATKA													
31-33	Manufacturing	-	29	12	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	2	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	2	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	2	1	g	D	D	D	D	D	D	D	D
PALM BAY													
31-33	Manufacturing	-	56	15	7 538	442 549	2 084	4 209	98 373	1 163 441	501 384	1 695 385	D
333	Machinery manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	13	6	i	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	1	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	1	h	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	2	1	h	D	D	D	D	D	D	D	D
PALM COAST													
31-33	Manufacturing	-	27	9	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	3	3	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	3	3	f	D	D	D	D	D	D	D	D
336612	Boat building	-	3	3	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PANAMA CITY													
31-33	Manufacturing	-	53	10	2 071	89 897	1 589	3 478	61 867	276 487	265 304	557 287	11 993
322	Paper manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	7	2	500	17 606	482	1 045	16 830	23 596	32 087	55 683	D
PEMBROKE PINES													
31-33	Manufacturing	7	59	6	514	17 476	300	562	9 346	47 648	75 816	138 770	3 082
PENSACOLA													
31-33	Manufacturing	-	65	7	892	35 665	631	1 283	23 541	121 432	100 981	223 578	5 763
PERRY													
31-33	Manufacturing	-	22	9	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	2	1	f	D	D	D	D	D	D	D	D
32211	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
PINELLAS PARK													
31-33	Manufacturing	1	254	85	10 900	382 190	6 798	13 626	171 199	1 003 743	666 597	1 674 460	42 243
323	Printing and related support activities	6	28	7	751	25 218	476	966	12 250	57 625	65 022	121 800	2 246
3231	Printing and related support activities	6	28	7	751	25 218	476	966	12 250	57 625	65 022	121 800	2 246
32311	Printing	6	27	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	2	12	6	1 122	43 856	608	1 240	17 312	154 625	42 009	197 831	3 920
3254	Pharmaceutical and medicine manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	16	5	574	15 144	346	742	9 007	40 837	44 312	85 037	2 533
3261	Plastics product manufacturing ..	2	16	5	574	15 144	346	742	9 007	40 837	44 312	85 037	2 533
332	Fabricated metal product manufacturing	1	49	15	1 383	38 736	1 026	1 949	23 372	79 415	51 025	130 435	5 362
3323	Architectural and structural metals manufacturing	1	13	8	786	22 214	543	1 099	11 788	43 018	34 196	77 354	4 564
33232	Ornamental and architectural metal products manufacturing	-	9	6	681	18 060	463	925	9 244	34 321	24 979	59 447	4 241
332322	Sheet metal work manufacturing	-	7	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	27	9	515	17 829	323	573	8 617	40 617	18 536	59 066	647
334	Computer and electronic product manufacturing	-	21	7	2 493	111 229	953	1 726	21 978	268 107	132 593	400 617	9 274
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	9	4	g	D	D	D	D	D	D	D	9 040
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	9	4	g	D	D	D	D	D	D	D	9 040
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	-	2	2	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	3	11	6	841	25 582	696	1 409	18 366	50 626	50 599	100 371	2 312
337	Furniture and related product manufacturing	-	26	6	597	17 731	448	934	11 133	37 156	41 147	78 724	694

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PINELLAS PARK—Con.													
339	Miscellaneous manufacturing	—	27	15	1 908	65 070	1 354	2 949	35 773	208 426	164 431	377 101	4 953
3391	Medical equipment and supplies manufacturing	—	11	6	968	37 726	613	1 439	18 298	157 241	134 381	293 846	D
33911	Medical equipment and supplies manufacturing	—	11	6	968	37 726	613	1 439	18 298	157 241	134 381	293 846	D
339115	Ophthalmic goods manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	16	9	940	27 344	741	1 510	17 475	51 185	30 050	83 255	D
PLANTATION													
31-33	Manufacturing	—	46	6	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	9	3	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
PLANT CITY													
31-33	Manufacturing	1	59	29	h	D	D	D	D	D	D	D	D
311	Food manufacturing	4	'7	'6	'1 204	'42 043	'932	'1 972	'28 711	'230 754	'162 192	'395 035	'8 068
3116	Animal slaughtering and processing	—	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	1	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	5	4	580	17 092	356	729	10 173	37 181	33 811	70 869	D
3219	Other wood product manufacturing	—	5	4	580	17 092	356	729	10 173	37 181	33 811	70 869	D
32199	All other wood product manufacturing	—	5	4	580	17 092	356	729	10 173	37 181	33 811	70 869	D
321991	Manufactured home (mobile home) manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	5	5	636	18 403	499	1 014	11 728	90 925	38 642	129 971	2 771
3261	Plastics product manufacturing ..	—	5	5	636	18 403	499	1 014	11 728	90 925	38 642	129 971	2 771
POMPANO BEACH													
31-33	Manufacturing	1	298	84	6 412	224 476	4 488	8 444	121 317	596 928	441 285	1 048 137	22 511
323	Printing and related support activities	3	40	10	720	25 089	492	846	13 728	52 724	26 186	78 920	2 301
3231	Printing and related support activities	3	40	10	720	25 089	492	846	13 728	52 724	26 186	78 920	2 301
32311	Printing	3	37	10	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	15	5	730	27 530	528	1 004	14 939	75 281	64 134	139 327	3 792
3261	Plastics product manufacturing ..	—	13	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	24	14	886	32 020	629	1 356	19 527	90 514	85 185	176 582	2 911
3273	Cement and concrete product manufacturing	—	12	9	537	20 298	399	855	12 388	53 546	51 677	105 890	2 247
332	Fabricated metal product manufacturing	4	44	11	1 009	37 560	751	1 545	23 691	76 263	40 856	117 999	3 380
337	Furniture and related product manufacturing	1	39	9	708	20 313	521	891	11 997	28 402	47 034	75 775	1 437
PORT ST. LUCIE													
31-33	Manufacturing	—	40	4	540	23 022	414	875	15 506	152 215	183 280	246 265	D
QUINCY													
31-33	Manufacturing	1	16	3	f	D	D	D	D	D	D	D	D
RIVIERA BEACH													
31-33	Manufacturing	4	75	24	1 748	60 788	1 211	2 481	34 978	157 962	126 248	284 690	9 627

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ROCKLEDGE													
31-33	Manufacturing	-	38	10	976	28 001	792	1 371	20 339	74 418	67 662	142 203	4 110
ST. PETERSBURG													
31-33	Manufacturing	-	176	41	7 989	384 240	3 881	8 006	124 365	971 785	1 034 990	2 014 302	29 670
333	Machinery manufacturing	1	11	6	579	34 208	264	449	10 980	44 067	75 623	124 275	1 903
334	Computer and electronic product manufacturing	-	14	6	4 796	256 979	1 758	3 933	60 103	636 862	797 841	1 438 799	D
3342	Communications equipment manufacturing	-	4	1	h	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	1	h	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	1	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
SANFORD													
31-33	Manufacturing	1	62	20	1 901	57 805	1 436	2 885	35 467	205 405	153 349	359 303	11 520
332	Fabricated metal product manufacturing	-	18	6	852	25 341	715	1 518	17 957	41 589	66 591	108 672	6 247
3323	Architectural and structural metals manufacturing	-	7	5	739	21 345	627	1 340	15 648	34 141	61 952	96 828	D
33232	Ornamental and architectural metal products manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SARASOTA													
31-33	Manufacturing	4	92	13	1 267	40 670	939	1 945	25 246	108 319	89 231	197 894	5 853
337	Furniture and related product manufacturing	-	13	3	550	15 975	465	1 016	11 694	41 339	27 252	69 443	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	3	f	D	D	D	D	D	D	D	D
SEMINOLE													
31-33	Manufacturing	9	12	2	855	29 978	576	1 003	14 558	58 538	48 306	106 841	3 114
339	Miscellaneous manufacturing	9	5	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	9	5	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	9	5	1	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
STUART													
31-33	Manufacturing	3	41	8	755	28 470	563	1 060	17 403	59 365	47 115	106 156	D
SUNRISE													
31-33	Manufacturing	1	77	10	1 186	38 081	608	977	18 629	79 542	39 811	116 872	2 528
TALLAHASSEE													
31-33	Manufacturing	2	85	16	1 706	63 895	1 004	1 970	28 069	141 305	217 612	351 276	8 965

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TAMPA													
31-33	Manufacturing	1	395	96	9 760	338 645	6 535	13 078	187 951	1 074 727	1 256 981	2 336 908	48 160
311	Food manufacturing	—	34	10	1 489	43 134	905	1 887	21 062	110 442	327 241	437 347	2 748
3118	Bakeries and tortilla manufacturing	8	15	3	689	19 262	334	603	7 955	11 272	5 346	16 707	335
31181	Bread and bakery product manufacturing	8	15	3	689	19 262	334	603	7 955	11 272	5 346	16 707	335
311812	Commercial bakeries	9	7	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	74	10	1 115	35 473	865	1 680	23 757	81 136	70 926	152 275	4 313
3231	Printing and related support activities	—	74	10	1 115	35 473	865	1 680	23 757	81 136	70 926	152 275	4 313
32311	Printing	—	69	8	1 043	32 936	823	1 631	22 523	75 958	68 864	144 926	D
323110	Commercial lithographic printing	—	26	6	790	26 348	652	1 364	18 643	60 418	59 413	119 981	3 473
325	Chemical manufacturing	—	22	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	21	8	673	24 638	552	1 201	18 408	116 982	91 525	209 520	D
3273	Cement and concrete product manufacturing	3	12	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	60	13	924	37 058	659	1 325	22 536	128 410	127 095	256 278	D
334	Computer and electronic product manufacturing	1	8	3	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	15	4	685	28 882	549	1 206	21 317	47 801	48 826	98 938	D
3366	Ship and boat building	—	6	3	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	6	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	35	6	646	17 817	496	816	11 103	36 251	57 939	94 074	437
TARPON SPRINGS													
31-33	Manufacturing	1	46	9	601	18 331	437	935	10 441	42 986	26 160	69 353	1 762
VENICE													
31-33	Manufacturing	—	40	6	1 549	57 514	876	1 696	23 841	137 946	80 264	212 881	4 588
332	Fabricated metal product manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
VERO BEACH													
31-33	Manufacturing	—	36	6	g	D	D	D	D	D	D	D	3 839
336	Transportation equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
WEST MELBOURNE													
31-33	Manufacturing	4	34	10	654	23 306	377	707	9 195	50 456	28 388	79 398	1 611
WEST PALM BEACH													
31-33	Manufacturing	2	142	27	1 898	61 218	1 281	2 500	34 132	127 290	87 578	214 746	6 807
WINTER HAVEN													
31-33	Manufacturing	—	28	8	679	27 702	465	1 034	15 895	41 276	171 551	210 644	4 419

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF ALACHUA COUNTY													
31-33	Manufacturing	1	38	8	1 174	36 352	913	1 688	23 065	76 800	85 896	161 902	2 205
321	Wood product manufacturing	-	4	3	f	D	D	D	D	D	D	D	443
BALANCE OF BREVARD COUNTY													
31-33	Manufacturing	1	144	30	2 971	105 078	2 121	4 265	60 671	275 990	210 930	489 654	8 260
336	Transportation equipment manufacturing	-	12	6	g	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	8	5	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	8	5	g	D	D	D	D	D	D	D	D
336612	Boat building	-	8	5	g	D	D	D	D	D	D	D	D
BALANCE OF BROWARD COUNTY													
31-33	Manufacturing	3	94	17	1 334	50 437	952	1 959	25 838	118 026	99 766	219 247	4 586
BALANCE OF CHARLOTTE COUNTY													
31-33	Manufacturing	3	77	7	586	17 917	411	803	10 859	53 394	39 225	92 187	1 581
BALANCE OF CITRUS COUNTY													
31-33	Manufacturing	8	54	4	521	14 845	339	671	9 685	24 240	45 325	69 495	1 454
BALANCE OF CLAY COUNTY													
31-33	Manufacturing	2	35	8	601	20 253	446	969	13 024	45 467	64 703	109 199	4 573
BALANCE OF COLLIER COUNTY													
31-33	Manufacturing	3	199	25	2 338	87 165	1 526	2 957	45 051	202 082	166 615	373 864	8 940
BALANCE OF ESCAMBA COUNTY													
31-33	Manufacturing	-	158	35	5 035	208 842	3 587	7 383	123 981	691 432	961 103	1 649 625	43 654
322	Paper manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	7	4	1 332	67 221	844	1 947	31 170	304 242	522 124	820 510	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	32	7	748	21 454	572	1 060	13 805	58 189	79 246	137 242	12 443
BALANCE OF GADSDEN COUNTY													
31-33	Manufacturing	1	16	6	844	27 439	658	1 163	17 936	49 006	85 920	137 054	3 156
BALANCE OF HAMILTON COUNTY													
31-33	Manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
BALANCE OF HERNANDO COUNTY													
31-33	Manufacturing	6	54	6	511	16 868	372	750	10 490	39 297	43 640	83 130	6 341
BALANCE OF HIGHLANDS COUNTY													
31-33	Manufacturing	-	32	7	614	20 176	483	979	14 398	72 272	97 237	170 345	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF HILLSBOROUGH COUNTY													
31-33	Manufacturing	1	473	130	14 960	536 100	10 492	21 100	289 809	1 482 018	1 669 459	3 156 711	131 604
311	Food manufacturing	1	21	10	1 082	26 656	899	1 758	16 483	89 858	153 781	243 862	2 624
3117	Seafood product preparation and packaging	—	2	1	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	—	2	1	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	—	2	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	4	4	f	D	D	D	D	D	D	D	4 698
315	Apparel manufacturing	3	10	2	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	3	9	2	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	3	2	2	g	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	19	9	826	22 426	679	1 278	15 524	43 116	59 284	102 156	4 005
3219	Other wood product manufacturing	3	13	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	72	7	627	19 152	430	759	11 217	58 269	31 926	90 620	3 163
3231	Printing and related support activities	2	72	7	627	19 152	430	759	11 217	58 269	31 926	90 620	3 163
32311	Printing	2	69	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	24	5	740	39 134	495	1 120	21 535	145 305	257 497	395 585	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	30	12	1 156	40 776	884	1 975	26 738	198 098	123 849	321 461	9 288
3273	Cement and concrete product manufacturing	1	19	9	912	31 068	685	1 516	19 360	142 772	84 160	226 017	6 862
32739	Other concrete product manufacturing	1	6	5	f	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	1	6	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	66	17	1 662	55 934	1 288	2 462	35 912	115 051	86 099	200 643	11 264
3323	Architectural and structural metals manufacturing	1	28	10	672	21 576	470	896	11 208	59 047	32 532	91 236	2 062
333	Machinery manufacturing	1	24	8	1 054	55 882	370	776	14 116	75 542	52 847	143 280	2 866
3333	Commercial and service industry machinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	27	14	1 872	76 444	1 153	2 535	44 148	172 193	171 989	342 616	D
3344	Semiconductor and other electronic component manufacturing	—	10	7	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	10	7	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	3	10	5	f	D	D	D	D	D	D	D	860
337	Furniture and related product manufacturing	2	35	8	662	19 413	513	1 045	12 185	51 651	36 884	89 074	1 289
BALANCE OF INDIAN RIVER COUNTY													
31-33	Manufacturing	4	53	11	g	D	D	D	D	D	D	D	3 149

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF JACKSON COUNTY													
31-33	Manufacturing	2	13	4	537	15 275	463	967	11 629	65 677	81 695	147 686	D
BALANCE OF LAKE COUNTY													
31-33	Manufacturing	2	73	23	2 312	71 376	1 660	3 392	44 113	205 078	169 316	374 828	7 227
327	Nonmetallic mineral product manufacturing	-	10	3	514	14 279	412	826	11 360	41 705	22 969	64 046	D
3273	Cement and concrete product manufacturing	-	6	3	507	14 092	407	815	11 225	41 382	22 764	63 530	D
BALANCE OF LEE COUNTY													
31-33	Manufacturing	2	194	42	4 024	111 324	2 959	5 836	68 311	353 179	241 219	593 758	18 571
321	Wood product manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	21	9	507	17 131	403	810	11 969	56 954	35 043	91 070	8 197
339	Miscellaneous manufacturing	-	31	5	663	12 677	405	771	6 794	32 739	23 778	54 459	2 248
BALANCE OF MANATEE COUNTY													
31-33	Manufacturing	-	218	68	9 235	328 533	6 423	12 573	194 465	984 371	1 260 263	2 368 743	128 631
311	Food manufacturing	-	8	4	h	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	g	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	-	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	4	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	10	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	47	9	902	24 439	699	1 353	16 570	56 681	51 850	108 274	2 777
333	Machinery manufacturing	3	26	11	709	26 933	427	739	11 726	73 553	47 139	118 753	D
3339	Other general purpose machinery manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	14	8	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	23	10	g	D	D	D	D	D	D	D	D
3366	Ship and boat building	1	14	6	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	1	14	6	g	D	D	D	D	D	D	D	D
336612	Boat building	1	11	4	g	D	D	D	D	D	D	D	D
BALANCE OF MARION COUNTY													
31-33	Manufacturing	2	102	27	1 975	62 152	1 421	2 962	35 431	139 755	155 026	294 410	8 934
BALANCE OF MARTIN COUNTY													
31-33	Manufacturing	-	111	17	1 831	66 227	1 358	2 543	42 988	155 275	261 933	431 943	D
336	Transportation equipment manufacturing	-	11	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
BALANCE OF MIAMI-DADE COUNTY													
31-33	Manufacturing	3	'1 151	208	'22 877	'702 468	'16 011	'31 183	'375 794	'2 116 997	'1 558 006	'3 677 664	'101 443
311	Food manufacturing	2	126	20	2 527	79 230	1 391	2 546	36 117	323 505	239 767	561 159	8 992
3118	Bakeries and tortilla manufacturing	1	79	7	1 274	39 318	622	996	17 383	152 250	50 812	201 815	2 546
31181	Bread and bakery product manufacturing	—	74	7	1 236	37 992	588	932	16 324	145 948	47 787	192 531	2 331
311812	Commercial bakeries	—	24	5	977	34 128	442	755	14 398	137 294	43 034	179 123	2 104
315	Apparel manufacturing	1	78	13	1 343	26 865	1 085	2 037	17 063	66 336	80 448	147 499	778
3152	Cut and sew apparel manufacturing	2	66	9	854	16 907	724	1 363	11 766	46 217	61 848	108 936	D
31521	Cut and sew apparel contractors	6	47	5	517	8 693	463	816	6 365	17 081	3 416	19 459	D
321	Wood product manufacturing	4	27	6	523	14 647	387	830	8 057	27 458	21 894	49 189	504
323	Printing and related support activities	4	164	19	1 795	54 873	1 333	2 377	33 418	101 491	74 000	182 228	5 722
3231	Printing and related support activities	4	164	19	1 795	54 873	1 333	2 377	33 418	101 491	74 000	182 228	5 722
32311	Printing	4	150	18	1 593	51 282	1 155	2 018	30 655	94 579	71 605	173 627	5 639
323110	Commercial lithographic printing	5	56	10	649	24 670	456	918	14 985	50 385	32 853	82 949	3 742
323113	Commercial screen printing	2	19	4	552	12 954	468	725	9 184	18 700	22 545	47 100	560
325	Chemical manufacturing	3	48	11	g	D	D	D	D	D	D	D	11 393
3254	Pharmaceutical and medicine manufacturing	3	8	4	850	38 696	350	785	9 677	139 430	60 478	199 321	D
32541	Pharmaceutical and medicine manufacturing	3	8	4	850	38 696	350	785	9 677	139 430	60 478	199 321	D
325412	Pharmaceutical preparation manufacturing	3	5	3	736	36 612	317	762	9 136	134 219	54 935	188 685	8 598
326	Plastics and rubber products manufacturing	4	51	13	1 289	36 674	1 084	2 127	26 079	91 996	97 042	188 504	4 398
3261	Plastics product manufacturing ..	4	39	11	1 099	29 296	930	1 794	20 611	77 206	76 300	152 628	3 977
32619	Other plastics product manufacturing	2	25	6	564	14 360	473	858	9 106	34 512	23 744	58 191	1 612
326199	All other plastics product manufacturing	2	25	6	564	14 360	473	858	9 106	34 512	23 744	58 191	1 612
327	Nonmetallic mineral product manufacturing	3	55	20	1 754	62 289	1 281	2 670	38 421	158 883	121 689	279 164	26 939
3273	Cement and concrete product manufacturing	3	32	16	1 452	52 752	1 044	2 163	32 045	136 729	103 707	238 996	25 800
32739	Other concrete product manufacturing	8	15	6	736	22 215	509	1 002	11 282	66 115	27 361	93 546	3 068
327390	Other concrete product manufacturing	8	15	6	736	22 215	509	1 002	11 282	66 115	27 361	93 546	3 068
332	Fabricated metal product manufacturing	2	114	24	2 388	72 122	1 731	3 518	40 725	164 040	130 994	297 314	4 388
3323	Architectural and structural metals manufacturing	3	48	11	1 006	33 584	598	1 229	15 405	78 096	67 762	148 600	1 651
33232	Ornamental and architectural metal products manufacturing	2	39	9	915	30 154	531	1 086	13 277	70 935	59 655	133 332	1 371
3325	Hardware manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	56	9	742	27 062	491	1 002	13 810	74 155	51 141	125 853	1 558
334	Computer and electronic product manufacturing	—	38	6	1 340	45 056	813	1 398	20 217	256 808	171 296	431 106	3 459
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	12	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	12	2	g	D	D	D	D	D	D	D	D
334516	Analytical laboratory instrument manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	5	51	9	855	28 433	626	1 313	18 792	67 894	69 621	136 663	2 885

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF MIAMI-DADE COUNTY—Con.													
337	Furniture and related product manufacturing	1	119	17	2 319	58 118	1 798	3 622	34 929	120 810	85 533	202 492	6 499
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	79	9	1 029	26 481	761	1 495	15 439	57 760	30 990	89 287	D
33712	Household and institutional furniture manufacturing	1	30	5	607	15 240	494	971	9 766	33 994	18 370	51 911	2 036
3372	Office furniture (including fixtures) manufacturing	—	21	7	1 141	28 047	925	1 962	17 554	54 415	36 209	86 176	1 712
33721	Office furniture (including fixtures) manufacturing	—	21	7	1 141	28 047	925	1 962	17 554	54 415	36 209	86 176	1 712
337215	Showcase, partition, shelving, and locker manufacturing	—	13	5	928	21 827	787	1 677	14 545	41 978	29 555	67 436	1 291
339	Miscellaneous manufacturing	1	122	17	2 527	71 442	1 826	3 230	30 353	240 754	86 350	326 286	10 769
3391	Medical equipment and supplies manufacturing	1	53	9	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	53	9	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	10	5	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	69	8	f	D	D	D	D	D	D	D	D
BALANCE OF OKALOOSA COUNTY													
31-33	Manufacturing	3	46	5	690	20 031	506	1 023	11 274	46 367	25 034	72 455	1 299
BALANCE OF ORANGE COUNTY													
31-33	Manufacturing	1	439	124	13 525	527 324	7 779	15 572	223 894	1 655 686	2 003 201	3 636 627	103 196
311	Food manufacturing	1	26	12	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	65	16	1 117	40 678	784	1 456	24 157	102 375	77 483	180 474	2 936
3231	Printing and related support activities	2	65	16	1 117	40 678	784	1 456	24 157	102 375	77 483	180 474	2 936
32311	Printing	2	59	13	990	35 941	686	1 288	21 111	95 091	75 746	171 455	D
323110	Commercial lithographic printing	—	24	6	652	25 504	435	870	14 380	68 367	55 730	124 725	1 812
326	Plastics and rubber products manufacturing	3	19	8	570	20 129	449	963	13 937	60 711	69 329	129 408	6 222
3261	Plastics product manufacturing ..	2	18	7	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	44	16	871	29 056	673	1 487	19 958	98 213	70 414	168 999	4 240
3273	Cement and concrete product manufacturing	1	30	13	712	24 241	539	1 190	16 558	85 601	51 151	137 028	3 393
332	Fabricated metal product manufacturing	1	65	15	1 309	46 508	956	1 844	27 132	126 480	118 882	247 383	2 612
3323	Architectural and structural metals manufacturing	—	25	10	841	28 784	585	1 136	14 537	82 964	69 737	153 392	1 153
333	Machinery manufacturing	—	24	10	2 771	163 340	829	1 699	29 221	603 554	586 877	1 175 418	D
3333	Commercial and service industry machinery manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	26	10	g	D	D	D	D	D	D	D	5 306
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	12	6	f	D	D	D	D	D	D	D	4 872
33451	Navigational, measuring, electromedical, and control instruments manufacturing ..	1	12	6	f	D	D	D	D	D	D	D	4 872

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF ORANGE COUNTY—Con.													
336	Transportation equipment manufacturing	—	16	6	1 512	36 348	595	1 293	15 927	88 967	181 602	271 274	5 252
3366	Ship and boat building	—	3	2	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	3	2	g	D	D	D	D	D	D	D	D
336612	Boat building	—	3	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	6	35	5	575	17 865	468	924	9 710	62 107	42 857	103 779	3 269
339	Miscellaneous manufacturing	2	44	7	796	24 399	575	790	13 816	68 418	40 560	109 306	2 715
3399	Other miscellaneous manufacturing	1	27	4	512	14 920	374	387	8 666	40 472	30 850	71 298	D
BALANCE OF OSCEOLA COUNTY													
31-33	Manufacturing	1	44	16	961	30 645	762	1 602	20 625	74 543	160 411	236 842	13 985
BALANCE OF PALM BEACH COUNTY													
31-33	Manufacturing	2	287	49	5 555	233 619	3 242	6 510	102 576	559 293	516 038	1 073 068	44 014
311	Food manufacturing	—	25	6	718	27 100	582	1 321	21 574	81 172	137 039	241 444	5 423
336	Transportation equipment manufacturing	—	12	3	1 156	79 484	279	651	16 780	117 194	76 121	165 032	D
3364	Aerospace product and parts manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF PASCO COUNTY													
31-33	Manufacturing	2	157	24	1 752	51 569	1 288	2 560	31 874	121 318	82 512	204 352	7 703
BALANCE OF PINELLAS COUNTY													
31-33	Manufacturing	3	381	80	11 204	451 017	6 839	12 985	189 496	995 595	767 135	1 778 582	74 071
323	Printing and related support activities	—	37	7	564	17 396	419	753	11 031	36 634	18 009	55 281	1 514
3231	Printing and related support activities	—	37	7	564	17 396	419	753	11 031	36 634	18 009	55 281	1 514
32311	Printing	—	35	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	11	2	527	39 159	148	303	4 965	51 381	41 649	92 804	D
332	Fabricated metal product manufacturing	3	85	7	860	26 174	558	1 057	14 519	51 340	35 585	85 204	1 752
333	Machinery manufacturing	2	38	7	654	27 522	433	948	15 936	44 198	39 219	82 454	1 827
334	Computer and electronic product manufacturing	—	28	15	2 868	149 404	1 137	2 315	37 638	248 699	290 154	558 794	11 843
3342	Communications equipment manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	15	9	1 382	79 446	346	607	12 074	125 546	170 210	301 744	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	15	9	1 382	79 446	346	607	12 074	125 546	170 210	301 744	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	5	952	55 057	248	417	8 209	94 330	151 715	245 741	D
335	Electrical equipment, appliance, and component manufacturing	7	7	2	543	15 657	321	653	6 311	42 017	30 103	72 644	1 215
3353	Electrical equipment manufacturing	7	4	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	7	4	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	17	9	1 049	29 827	901	1 845	21 869	62 326	54 299	113 125	1 437

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
BALANCE OF PINELLAS COUNTY—Con.													
339	Miscellaneous manufacturing	7	45	11	2 304	93 087	1 482	2 478	42 749	273 913	127 795	402 998	33 179
3391	Medical equipment and supplies manufacturing	8	23	7	1 634	72 131	944	1 369	28 036	204 752	93 677	301 086	D
33911	Medical equipment and supplies manufacturing	8	23	7	1 634	72 131	944	1 369	28 036	204 752	93 677	301 086	D
339112	Surgical and medical instrument manufacturing ..	9	3	2	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	22	4	670	20 956	538	1 109	14 713	69 161	34 118	101 912	D
BALANCE OF POLK COUNTY													
31-33	Manufacturing	1	229	77	6 550	262 303	4 693	9 738	159 891	956 647	1 308 601	2 246 908	121 106
311	Food manufacturing	5	12	11	1 021	43 855	810	1 685	31 489	259 160	201 025	455 486	15 882
3114	Fruit and vegetable preserving and specialty food manufacturing	5	5	5	f	D	D	D	D	D	D	D	10 359
325	Chemical manufacturing	—	21	12	1 677	87 232	1 186	2 724	55 090	350 163	799 376	1 137 279	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	9	6	g	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	21	9	522	15 716	398	725	10 735	41 075	40 997	81 472	4 474
332	Fabricated metal product manufacturing	3	45	9	620	21 005	458	890	13 113	48 106	40 032	89 922	1 732
BALANCE OF ST. JOHNS COUNTY													
31-33	Manufacturing	1	64	12	1 638	53 375	1 178	2 258	31 277	159 365	157 778	313 078	5 406
BALANCE OF ST. LUCIE COUNTY													
31-33	Manufacturing	1	77	19	1 288	40 715	961	1 723	26 808	118 733	130 949	255 516	14 586
BALANCE OF SANTA ROSA COUNTY													
31-33	Manufacturing	—	44	9	753	21 605	556	1 118	13 729	92 790	143 309	237 390	11 606
BALANCE OF SARASOTA COUNTY													
31-33	Manufacturing	1	241	53	4 850	167 439	3 185	6 148	81 588	371 500	270 151	640 305	25 980
332	Fabricated metal product manufacturing	—	30	9	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	13	5	609	28 502	252	469	5 868	64 175	48 895	113 787	1 809
BALANCE OF SEMINOLE COUNTY													
31-33	Manufacturing	3	141	23	2 331	73 839	1 656	3 214	41 595	143 796	199 006	343 750	10 491
BALANCE OF SUMTER COUNTY													
31-33	Manufacturing	—	18	3	527	13 154	399	848	8 968	24 247	111 161	135 717	1 174
BALANCE OF VOLUSIA COUNTY													
31-33	Manufacturing	—	56	15	2 190	66 939	1 425	2 309	34 558	188 114	210 218	396 208	8 518
334	Computer and electronic product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	2	1	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
31-33	BALANCE OF WALTON COUNTY Manufacturing	1	26	4	f	D	D	D	D	D	D	1 682

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

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

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

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

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

Table 5. Detailed Statistics for the State: 2002

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

Item	Value
FLORIDA	
Companies ¹	N
All establishments ²	'15 202
Establishments with 1 to 19 employees	'12 010
Establishments with 20 to 99 employees	'2 426
Establishments with 100 employees or more	'766
All employees ³	'377 137
Total compensation	\$1,000.. '17 401 546
Annual payroll	\$1,000.. '14 082 395
Total fringe benefits	\$1,000.. '3 319 151
Production workers, average for year	'245 216
Production workers on March 12	'246 236
Production workers on May 12	'246 881
Production workers on August 12	'244 195
Production workers on November 12	'242 994
Production worker hours	'482 303
Production worker wages	\$1,000.. '6 956 175
Total cost of materials	\$1,000.. '36 528 474
Materials, parts, containers, packaging, etc., used	\$1,000.. '31 377 633
Resales	\$1,000.. '2 360 821
Purchased fuels	\$1,000.. '557 115
Purchased electricity	\$1,000.. '662 665
Contract work	\$1,000.. '1 570 240
Quantity of electricity purchased for heat and power	1,000 kWh.. '11 505 712
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 4 824 256
Total value of shipments	\$1,000.. '78 474 770
Value of resales	\$1,000.. '3 079 937
Value added	\$1,000.. '41 912 600
Total inventories, beginning of year	\$1,000.. '9 169 569
Finished goods inventories	\$1,000.. '3 672 436
Work-in-process inventories	\$1,000.. '2 118 472
Materials and supplies inventories	\$1,000.. '3 378 661
Total inventories, end of year	\$1,000.. '9 416 579
Finished goods inventories	\$1,000.. '3 610 481
Work-in-process inventories	\$1,000.. '2 219 408
Materials and supplies inventories	\$1,000.. '3 586 690
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '33 348 848
Total capital expenditures (new and used)	\$1,000.. '2 465 056
Buildings and other structures (new and used)	\$1,000.. '418 962
Machinery and equipment (new and used)	\$1,000.. '2 046 094
Automobiles, trucks, etc., for highway use	\$1,000.. '99 156
Computers and peripheral data processing equipment	\$1,000.. '169 460
All other expenditures for machinery and equipment	\$1,000.. '1 777 478
Total retirements	\$1,000.. '1 428 269
Gross value of depreciable assets at end of year	\$1,000.. '34 385 635
Depreciation charges during year	\$1,000.. '2 317 305
Total rental payments	\$1,000.. '1 034 363
Buildings and other structures	\$1,000.. '554 299
Machinery and equipment	\$1,000.. '480 064

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

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

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

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

Appendix A.

Explanation of Terms

COMPANY

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

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

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

Establishment

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

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

PAYROLL

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

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

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

TOTAL FRINGE BENEFITS

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

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

NUMBER OF EMPLOYEES

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

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

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

Production Workers

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

All Other Employees

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

PRODUCTION-WORKER HOURS

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

COST OF MATERIALS

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

Included in this item are:

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

Specific materials consumed

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

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

QUANTITY OF ELECTRICITY PURCHASED FOR HEAT AND POWER

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

TOTAL VALUE OF SHIPMENTS

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

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

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

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

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

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

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

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

Duplication in cost of materials and value of shipment

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

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

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

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

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

Specialization and coverage ratio

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

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

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

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

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

VALUE ADDED

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

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

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

TOTAL END-OF-YEAR INVENTORIES

This item is comprised of:

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

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

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

Inventory valuations include:

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

GROSS VALUE OF DEPRECIABLE/DEPLETABLE ASSETS AT BEGINNING OF YEAR

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

Gross value of depreciable/depletable assets includes:

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

Excluded are nondepreciable capital assets including inventories and intangible assets.

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

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

CAPITAL EXPENDITURES FOR NEW AND USED PLANT AND EQUIPMENT

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

These data include expenditures for:

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

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

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

RETIREMENTS OF DEPRECIABLE ASSETS

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

RENTAL PAYMENTS

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

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

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

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

DEPRECIATION CHARGES FOR FIXED ASSETS

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

Appendix B.

NAICS Codes, Titles, and Descriptions

SECTOR 31-33 MANUFACTURING

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

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

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

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

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

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

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

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

311 FOOD MANUFACTURING

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

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

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

3111 ANIMAL FOOD MANUFACTURING

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

31111 ANIMAL FOOD MANUFACTURING

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

311111 DOG AND CAT FOOD MANUFACTURING

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

311119 OTHER ANIMAL FOOD MANUFACTURING

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

3112 GRAIN AND OILSEED MILLING

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

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

31121 FLOUR MILLING AND MALT MANUFACTURING

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

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

311211 FLOUR MILLING

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

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

311212 RICE MILLING

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

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

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

311213 MALT MANUFACTURING

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

31122 STARCH AND VEGETABLE FATS AND OILS MANUFACTURING

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

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

311221 WET CORN MILLING

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

311222 SOYBEAN PROCESSING

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

311223 OTHER OILSEED PROCESSING

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

311225 FATS AND OILS REFINING AND BLENDING

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

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

31123 BREAKFAST CEREAL MANUFACTURING

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

311230 BREAKFAST CEREAL MANUFACTURING

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

3113 SUGAR AND CONFECTIONERY PRODUCT MANUFACTURING

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

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

31131 SUGAR MANUFACTURING

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

311311 SUGARCANE MILLS

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

311312 CANE SUGAR REFINING

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

311313 BEET SUGAR MANUFACTURING

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

31132 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

311320 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

31133 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

311330 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

3114 FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOOD MANUFACTURING

This industry group comprises establishments primarily engaged in the following:

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

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

31141 FROZEN FOOD MANUFACTURING

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

311411 FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING

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

311412 FROZEN SPECIALTY FOOD MANUFACTURING

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

31142 FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING

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

311421 FRUIT AND VEGETABLE CANNING

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

311422 SPECIALTY CANNING

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

311423 DRIED AND DEHYDRATED FOOD MANUFACTURING

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

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

3115 DAIRY PRODUCT MANUFACTURING

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

31151 DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING

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

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

311511 FLUID MILK MANUFACTURING

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

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

311512 CREAMERY BUTTER MANUFACTURING

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

311513 CHEESE MANUFACTURING

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

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

311514 DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING

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

31152 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

311520 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

3116 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

31161 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

311611 ANIMAL (EXCEPT POULTRY) SLAUGHTERING

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

311612 MEAT PROCESSED FROM CARCASSES

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

311613 RENDERING AND MEAT BYPRODUCT PROCESSING

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

311615 POULTRY PROCESSING

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

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

3117 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

31171 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

311711 SEAFOOD CANNING

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

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

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

311712 FRESH AND FROZEN SEAFOOD PROCESSING

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

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

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

3118 Bakeries and Tortilla Manufacturing

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

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

31181 Bread and Bakery Product Manufacturing

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

311811 Retail Bakeries

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

311812 Commercial Bakeries

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

311813 Frozen Cakes, Pies, and Other Pastries Manufacturing

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

31182 Cookie, Cracker, and Pasta Manufacturing

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

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

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

311821 Cookie and Cracker Manufacturing

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

311822 Flour Mixes and Dough Manufacturing from Purchased Flour

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

311823 Dry Pasta Manufacturing

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

311821 COOKIE AND CRACKER MANUFACTURING

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

311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR

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

311823 DRY PASTA MANUFACTURING

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

31183 TORTILLA MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing tortillas.

311830 TORTILLA MANUFACTURING

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

3119 OTHER FOOD MANUFACTURING

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

31191 SNACK FOOD MANUFACTURING

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

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

311911 ROASTED NUTS AND PEANUT BUTTER MANUFACTURING

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

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

311919 OTHER SNACK FOOD MANUFACTURING

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

31192 COFFEE AND TEA MANUFACTURING

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

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

311920 COFFEE AND TEA MANUFACTURING

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

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

31193 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

311930 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

31194 SEASONING AND DRESSING MANUFACTURING

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

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

311941 MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING

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

311942 SPICE AND EXTRACT MANUFACTURING

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

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

31199 ALL OTHER FOOD MANUFACTURING

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

311991 PERISHABLE PREPARED FOOD MANUFACTURING

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

311999 ALL OTHER MISCELLANEOUS FOOD MANUFACTURING

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

312 BEVERAGE AND TOBACCO PRODUCT MANUFACTURING

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

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

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

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

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

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

3121 BEVERAGE MANUFACTURING

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

31211 SOFT DRINK AND ICE MANUFACTURING

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

1. Manufacturing soft drinks;

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

312111 SOFT DRINK MANUFACTURING

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

312112 BOTTLED WATER MANUFACTURING

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

312113 ICE MANUFACTURING

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

31212 BREWERIES

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

312120 BREWERIES

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

31213 WINERIES

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

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

312130 WINERIES

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

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

31214 DISTILLERIES

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

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

312140 DISTILLERIES

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

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

3122 TOBACCO MANUFACTURING

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

31221 TOBACCO STEMMING AND REDRYING

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

312210 TOBACCO STEMMING AND REDRYING

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

31222 TOBACCO PRODUCT MANUFACTURING

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

312221 CIGARETTE MANUFACTURING

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

312229 OTHER TOBACCO PRODUCT MANUFACTURING

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

313 TEXTILE MILLS

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

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

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

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

3131 FIBER, YARN, AND THREAD MILLS

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

31311 FIBER, YARN, AND THREAD MILLS

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

1. spinning yarn

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

313111 YARN SPINNING MILLS

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

313112 YARN TEXTURIZING, THROWING, AND TWISTING MILLS

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

313113 THREAD MILLS

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

3132 FABRIC MILLS

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

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

31321 BROADWOVEN FABRIC MILLS

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

313210 BROADWOVEN FABRIC MILLS

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

31322 NARROW FABRIC MILLS AND SCHIFFLI MACHINE EMBROIDERY

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

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

313221 NARROW FABRIC MILLS

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

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

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

313222 SCHIFFLI MACHINE EMBROIDERY

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

31323 NONWOVEN FABRIC MILLS

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

313230 NONWOVEN FABRIC MILLS

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

31324 KNIT FABRIC MILLS

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

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

313241 WEFT KNIT FABRIC MILLS

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

313249 OTHER KNIT FABRIC AND LACE MILLS

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

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

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

3133 TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS

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

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

31331 TEXTILE AND FABRIC FINISHING MILLS

This industry comprises:

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

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

313311 BROADWOVEN FABRIC FINISHING MILLS

This U.S. industry comprises:

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

313312 TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS

This U.S. industry comprises:

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

31332 FABRIC COATING MILLS

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

313320 FABRIC COATING MILLS

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

314 TEXTILE PRODUCT MILLS

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

3141 TEXTILE FURNISHINGS MILLS

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

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

31411 CARPET AND RUG MILLS

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

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

314110 CARPET AND RUG MILLS

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

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

31412 CURTAIN AND LINEN MILLS

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

314121 CURTAIN AND DRAPERY MILLS

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

314129 OTHER HOUSEHOLD TEXTILE PRODUCT MILLS

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

3149 OTHER TEXTILE PRODUCT MILLS

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

31491 TEXTILE BAG AND CANVAS MILLS

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

314911 TEXTILE BAG MILLS

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

314912 CANVAS AND RELATED PRODUCT MILLS

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

31499 ALL OTHER TEXTILE PRODUCT MILLS

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

314991 ROPE, CORDAGE, AND TWINE MILLS

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

314992 TIRE CORD AND TIRE FABRIC MILLS

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

314999 ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS

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

315 APPAREL MANUFACTURING

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

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

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

3151 APPAREL KNITTING MILLS

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

31511 HOSIERY AND SOCK MILLS

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

315111 SHEER HOSIERY MILLS

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

315119 OTHER HOSIERY AND SOCK MILLS

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

31519 OTHER APPAREL KNITTING MILLS

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

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

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

315191 OUTERWEAR KNITTING MILLS

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

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

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

315192 UNDERWEAR AND NIGHTWEAR KNITTING MILLS

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

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

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

3152 CUT AND SEW APPAREL MANUFACTURING

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

31521 CUT AND SEW APPAREL CONTRACTORS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

31529 OTHER CUT AND SEW APPAREL MANUFACTURING

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

315291 INFANTS' CUT AND SEW APPAREL MANUFACTURING

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

315292 FUR AND LEATHER APPAREL MANUFACTURING

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

315299 ALL OTHER CUT AND SEW APPAREL MANUFACTURING

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

3159 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

31599 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

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

315991 HAT, CAP, AND MILLINERY MANUFACTURING

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

315992 GLOVE AND MITTEN MANUFACTURING

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

315993 MEN'S AND BOYS' NECKWEAR MANUFACTURING

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

315999 OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

316 LEATHER AND ALLIED PRODUCT MANUFACTURING

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

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

3161 LEATHER AND HIDE TANNING AND FINISHING

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

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

31611 LEATHER AND HIDE TANNING AND FINISHING

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

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

316110 LEATHER AND HIDE TANNING AND FINISHING

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

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

3162 FOOTWEAR MANUFACTURING

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

31621 FOOTWEAR MANUFACTURING

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

316211 RUBBER AND PLASTICS FOOTWEAR MANUFACTURING

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

316212 HOUSE SLIPPER MANUFACTURING

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

316213 MEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316214 WOMEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316219 OTHER FOOTWEAR MANUFACTURING

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

3169 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

31699 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

316991 LUGGAGE MANUFACTURING

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

316992 WOMEN'S HANDBAG AND PURSE MANUFACTURING

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

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

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

316999 ALL OTHER LEATHER GOOD MANUFACTURING

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

321 WOOD PRODUCT MANUFACTURING

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

3211 SAWMILLS AND WOOD PRESERVATION

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

32111 SAWMILLS AND WOOD PRESERVATION

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

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

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

321113 SAWMILLS

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

321114 WOOD PRESERVATION

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

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

3212 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

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

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

32121 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

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

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

321211 HARDWOOD VENEER AND PLYWOOD MANUFACTURING

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

321212 SOFTWOOD VENEER AND PLYWOOD MANUFACTURING

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

321213 ENGINEERED WOOD MEMBER (EXCEPT TRUSS) MANUFACTURING

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

321214 TRUSS MANUFACTURING

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

321219 RECONSTITUTED WOOD PRODUCT MANUFACTURING

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

3219 OTHER WOOD PRODUCT MANUFACTURING

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

32191 MILLWORK

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

321911 WOOD WINDOW AND DOOR MANUFACTURING

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

321912 CUT STOCK, RESAWING LUMBER, AND PLANING

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

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

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

321918 OTHER MILLWORK (INCLUDING FLOORING)

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

32192 WOOD CONTAINER AND PALLET MANUFACTURING

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

321920 WOOD CONTAINER AND PALLET MANUFACTURING

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

32199 ALL OTHER WOOD PRODUCT MANUFACTURING

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

321991 MANUFACTURED HOME (MOBILE HOME) MANUFACTURING

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

321992 PREFABRICATED WOOD BUILDING MANUFACTURING

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

321999 ALL OTHER MISCELLANEOUS WOOD PRODUCT MANUFACTURING

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

322 PAPER MANUFACTURING

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

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

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

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

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

3221 PULP, PAPER, AND PAPERBOARD MILLS

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

32211 PULP MILLS

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

322110 PULP MILLS

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

32212 PAPER MILLS

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

322121 PAPER (EXCEPT NEWSPRINT) MILLS

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

322122 NEWSPRINT MILLS

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

32213 PAPERBOARD MILLS

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

322130 PAPERBOARD MILLS

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

3222 CONVERTED PAPER PRODUCT MANUFACTURING

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

32221 PAPERBOARD CONTAINER MANUFACTURING

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

322211 CORRUGATED AND SOLID FIBER BOX MANUFACTURING

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

322212 FOLDING PAPERBOARD BOX MANUFACTURING

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

322213 SETUP PAPERBOARD BOX MANUFACTURING

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

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

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

322215 NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING

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

32222 PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING

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

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

322221 COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING

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

1. cutting and coating paper and

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

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

322222 COATED AND LAMINATED PAPER MANUFACTURING

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

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

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

322223 PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING

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

322224 UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING

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

322225 LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES

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

322226 SURFACE-COATED PAPERBOARD MANUFACTURING

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

32223 STATIONERY PRODUCT MANUFACTURING

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

322231 DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING

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

322232 ENVELOPE MANUFACTURING

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

322233 STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING

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

32229 OTHER CONVERTED PAPER PRODUCT MANUFACTURING

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

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

Processes used include laminating or lining purchased paper or paperboard.

322291 SANITARY PAPER PRODUCT MANUFACTURING

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

322299 ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING

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

323 PRINTING AND RELATED SUPPORT ACTIVITIES

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

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

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

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

3231 PRINTING AND RELATED SUPPORT ACTIVITIES

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

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

32311 PRINTING

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

323110 COMMERCIAL LITHOGRAPHIC PRINTING

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

323111 COMMERCIAL GRAVURE PRINTING

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

323112 COMMERCIAL FLEXOGRAPHIC PRINTING

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

323113 COMMERCIAL SCREEN PRINTING

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

323114 QUICK PRINTING

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

323115 DIGITAL PRINTING

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

323116 MANIFOLD BUSINESS FORMS PRINTING

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

323117 BOOKS PRINTING

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

323118 BLANKBOOK, LOOSELEAF BINDERS, AND DEVICES MANUFACTURING

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

323119 OTHER COMMERCIAL PRINTING

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

32312 SUPPORT ACTIVITIES FOR PRINTING

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

323121 TRADEBINDING AND RELATED WORK

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

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

323122 PREPRESS SERVICES

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

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

324 PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

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

3241 PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

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

32411 PETROLEUM REFINERIES

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

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

324110 PETROLEUM REFINERIES

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

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

32412 ASPHALT PAVING, ROOFING, AND SATURATED MATERIALS MANUFACTURING

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

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

324121 ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

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

324122 ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING

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

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

32419 OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

324191 PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING

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

324199 ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

325 CHEMICAL MANUFACTURING

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

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

3251 BASIC CHEMICAL MANUFACTURING

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

32511 PETROCHEMICAL MANUFACTURING

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

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

325110 PETROCHEMICAL MANUFACTURING

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

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

32512 INDUSTRIAL GAS MANUFACTURING

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

325120 INDUSTRIAL GAS MANUFACTURING

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

32513 SYNTHETIC DYE AND PIGMENT MANUFACTURING

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

325131 INORGANIC DYE AND PIGMENT MANUFACTURING

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

325132 SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING

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

32518 OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

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

325181 ALKALIES AND CHLORINE MANUFACTURING

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

325182 CARBON BLACK MANUFACTURING

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

325188 ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

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

32519 OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

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

325191 GUM AND WOOD CHEMICAL MANUFACTURING

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

325192 CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING

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

325193 ETHYL ALCOHOL MANUFACTURING

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

325199 ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

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

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

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

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

32521 RESIN AND SYNTHETIC RUBBER MANUFACTURING

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

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

325211 PLASTICS MATERIAL AND RESIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in

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

325212 SYNTHETIC RUBBER MANUFACTURING

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

32522 ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING

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

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

325221 CELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

325222 NONCELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

3253 PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

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

32531 FERTILIZER MANUFACTURING

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

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

325311 NITROGENOUS FERTILIZER MANUFACTURING

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

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

325312 PHOSPHATIC FERTILIZER MANUFACTURING

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

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

325314 FERTILIZER (MIXING ONLY) MANUFACTURING

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

32532 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

325320 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

3254 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

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

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

32541 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

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

325411 MEDICINAL AND BOTANICAL MANUFACTURING

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

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

325412 PHARMACEUTICAL PREPARATION MANUFACTURING

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

325413 IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

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

325414 BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

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

3255 PAINT, COATING, AND ADHESIVE MANUFACTURING

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

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

32551 PAINT AND COATING MANUFACTURING

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

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

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

325510 PAINT AND COATING MANUFACTURING

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

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

32552 ADHESIVE MANUFACTURING

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

325520 ADHESIVE MANUFACTURING

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

3256 SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING

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

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

32561 SOAP AND CLEANING COMPOUND MANUFACTURING

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

325611 SOAP AND OTHER DETERGENT MANUFACTURING

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

325612 POLISH AND OTHER SANITATION GOOD MANUFACTURING

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

325613 SURFACE ACTIVE AGENT MANUFACTURING

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

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

32562 TOILET PREPARATION MANUFACTURING

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

325620 TOILET PREPARATION MANUFACTURING

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

3259 OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

32591 PRINTING INK MANUFACTURING

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

325910 PRINTING INK MANUFACTURING

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

32592 EXPLOSIVES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing explosives.

325920 EXPLOSIVES MANUFACTURING

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

32599 ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

325991 CUSTOM COMPOUNDING OF PURCHASED RESINS

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

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

325992 PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING

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

325998 ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

326 PLASTICS AND RUBBER PRODUCTS MANUFACTURING

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

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

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

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

3261 PLASTICS PRODUCT MANUFACTURING

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

32611 PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING

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

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

326111 PLASTICS BAG MANUFACTURING

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

1. converting plastics resins into plastics bags or

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

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

326112 PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

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

326113 UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING

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

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

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

326121 UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING

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

326122 PLASTICS PIPE AND PIPE FITTING MANUFACTURING

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

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

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

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

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

32614 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

32615 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

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

326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

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

32616 PLASTICS BOTTLE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics bottles.

326160 PLASTICS BOTTLE MANUFACTURING

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

32619 OTHER PLASTICS PRODUCT MANUFACTURING

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

326191 PLASTICS PLUMBING FIXTURE MANUFACTURING

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

326192 RESILIENT FLOOR COVERING MANUFACTURING

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

326199 ALL OTHER PLASTICS PRODUCT MANUFACTURING

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

3262 RUBBER PRODUCT MANUFACTURING

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

32621 TIRE MANUFACTURING

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

326211 TIRE MANUFACTURING (EXCEPT RETREADING)

This U.S. industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber.

326212 TIRE RETREADING

This U.S. industry comprises establishments primarily engaged in retreading or rebuilding tires.

32622 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

326220 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

32629 OTHER RUBBER PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing rubber products (except tires, hoses, and belting) from natural and synthetic rubber.

326291 RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE

This U.S. industry comprises establishments primarily engaged in molding, extruding, or lathe-cutting rubber to manufacture rubber goods (except tubing) for mechanical applications. Products of this industry are generally parts for motor vehicles, machinery, and equipment.

326299 ALL OTHER RUBBER PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rubber products (except tires; hoses and belting; and molded, extruded, and lathe-cut rubber goods for mechanical applications) from natural and synthetic rubber.

327 NONMETALLIC MINERAL PRODUCT MANUFACTURING

The Nonmetallic Mineral Product Manufacturing subsector transforms mined or quarried nonmetallic minerals, such as sand, gravel, stone, clay, and refractory materials, into products for intermediate or final consumption. Processes used include grinding, mixing, cutting, shaping, and honing. Heat often is used in the process and chemicals are frequently mixed to change the composition, purity, and chemical properties for the intended product. For example, glass is produced by heating silica sand to the melting point (sometimes combined with cullet or recycled glass) and then drawn, floated, or blow molded to the desired shape or thickness. Refractory materials are heated and then formed into bricks or other shapes for use in industrial applications. The Nonmetallic Mineral Product Manufacturing subsector includes establishments that manufacture products, such as bricks, refractories, ceramic products, and glass and glass products, such as plate glass and containers. Also included are cement and concrete products, lime, gypsum and other nonmetallic mineral products including abrasive products, ceramic plumbing fixtures, statuary, cut stone products, and mineral wool. The products are used in a wide range of activities from construction and heavy and light manufacturing to articles for personal use.

Mining, beneficiating, and manufacturing activities often occur in a single location. Separate receipts will be collected for these activities whenever possible. When receipts cannot be broken out between mining and manufacturing, establishments that mine or quarry nonmetallic minerals, beneficiate the nonmetallic minerals and further process the nonmetallic minerals into a more finished manufactured product are classified based on the primary activity of the establishment. A mine that manufactures a small amount of finished products will be classified in Sector 21, Mining. An establishment that mines whose primary output is a more-finished manufactured product will be classified in the Manufacturing Sector.

Excluded from the Nonmetallic Mineral Product Manufacturing subsector are establishments that primarily beneficiate mined nonmetallic minerals. Beneficiation is the process whereby the extracted material is reduced to particles that can be separated into mineral and waste, the former suitable for further processing or direct use. Beneficiation establishments are included in Sector 21, Mining.

3271 CLAY PRODUCT AND REFRACTORY MANUFACTURING

This industry group comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials and/or shaping, molding, baking, burning, or hardening clay refractories, non-clay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

32711 POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING

This industry comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials.

327111 VITREOUS CHINA PLUMBING FIXTURE AND CHINA AND EARTHENWARE BATHROOM ACCESSORIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing vitreous china plumbing fixtures and china and earthenware bathroom accessories, such as faucet handles, towel bars, and soap dishes.

327112 VITREOUS CHINA, FINE EARTHENWARE, AND OTHER POTTERY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing table and kitchen articles, art and ornamental items, and similar vitreous china, fine earthenware, stoneware, coarse earthenware, and pottery products.

327113 PORCELAIN ELECTRICAL SUPPLY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, ferrite or ceramic magnets, and electronic and electrical supplies from nonmetallic minerals, such as clay and ceramic materials.

32712 CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING

This industry comprises establishments primarily engaged in shaping, molding, baking, burning, or hardening clay refractories, nonclay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

327121 BRICK AND STRUCTURAL CLAY TILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing brick and structural clay tiles.

327122 CERAMIC WALL AND FLOOR TILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ceramic wall and floor tiles.

327123 OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing clay sewer pipe, drain tile, flue lining tile, architectural terra-cotta, and other structural clay products.

327124 CLAY REFRACTORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing clay refractory, mortar, brick, block, tile, and fabricated clay refractories, such as melting pots. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

327125 NONCLAY REFRACTORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonclay refractory, mortar, brick, block, tile, and fabricated nonclay refractories such as graphite, magnesite, silica, or alumina crucibles. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

3272 GLASS AND GLASS PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

32721 GLASS AND GLASS PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

327211 FLAT GLASS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing flat glass by melting silica sand or cullet; or
2. manufacturing both flat glass and laminated glass by melting silica sand or cullet.

327212 OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing glass by melting silica sand or cullet and making pressed, blown, or shaped glass or glassware (except glass packaging containers).

327213 GLASS CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing glass packaging containers.

327215 GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS

This U.S. industry comprises establishments primarily engaged in coating, laminating, tempering, or shaping purchased glass.

3273 CEMENT AND CONCRETE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Cement manufacturing;
2. Ready-mix concrete manufacturing;
3. Concrete pipe, brick, and block manufacturing; and/or
4. Other concrete product manufacturing.

32731 CEMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

327310 CEMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

32732 READY-MIX CONCRETE MANUFACTURING

This industry comprises establishments, such as batch plants or mix plants, primarily engaged in manufacturing concrete delivered to a purchaser in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

327320 READY-MIX CONCRETE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete delivered to a purchaser, such as batch plants or mix plants, in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

32733 CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete pipe, brick, and block.

327331 CONCRETE BLOCK AND BRICK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete block and brick.

327332 CONCRETE PIPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete pipe.

32739 OTHER CONCRETE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

327390 OTHER CONCRETE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

3274 LIME AND GYPSUM PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells and/or gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work.

32741 LIME MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

327410 LIME MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

32742 GYPSUM PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

327420 GYPSUM PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

3279 OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except clay products, refractory products, glass products, cement and concrete products, lime, and gypsum products).

32791 ABRASIVE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

327910 ABRASIVE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

32799 ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; and abrasive products).

327991 CUT STONE AND STONE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, shaping, and finishing granite, marble, limestone, slate, and other stone for building and miscellaneous uses. Stone product manufacturing establishments may mine, quarry, or purchase stone.

327992 GROUND OR TREATED MINERAL AND EARTH MANUFACTURING

This U.S. industry comprises establishments primarily engaged in calcining, dead burning, or otherwise processing beyond beneficiation, clays, ceramic and refractory minerals, barite, and miscellaneous nonmetallic minerals.

327993 MINERAL WOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mineral wool and mineral wool (i.e., fiberglass) insulation products made of such siliceous materials as rock, slag, and glass or combinations thereof.

327999 ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; abrasive products; cut stone and stone products; ground and treated minerals and earth; and mineral wool).

331 PRIMARY METAL MANUFACTURING

Industries in the Primary Metal Manufacturing subsector smelt and/or refine ferrous and nonferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgical techniques. Establishments in this subsector also manufacture metal alloys and superalloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing, and extruding operations to make sheet, strip, bar, rod, or wire, and in molten form to make castings and other basic metal products.

Primary manufacturing of ferrous and nonferrous metals begins with ore or concentrate as the primary input. Establishments manufacturing primary metals from ore and/or concentrate remain classified in the primary smelting, primary refining, or iron and steel mill industries regardless of the form of their output. Establishments primarily engaged in secondary smelting and/or secondary refining recover ferrous and nonferrous metals from scrap and/or dross. The output of the secondary smelting and/or secondary refining industries is limited to shapes, such as ingot or billet, that will be further processed. Recovery of metals from scrap often occurs in establishments that are primarily engaged in activities, such as rolling, drawing, extruding, or similar processes.

Excluded from the Primary Metal Manufacturing subsector are establishments primarily engaged in manufacturing ferrous and nonferrous forgings (except ferrous forgings made in steel mills) and stampings. Although forging, stamping, and casting are all methods used to make metal shapes, forging and stamping do not use molten metals and are included in Subsector 332, Fabricated Metal Product Manufacturing. Establishments primarily engaged in operating coke ovens are classified in Industry 32419, Other Petroleum and Coal Products Manufacturing.

3311 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Direct reduction of iron ore;
2. Manufacturing pig iron in molten or solid form;
3. Converting pig iron into steel;
4. Manufacturing ferroalloys;
5. Making steel;
6. Making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. Making steel and forming pipe and tube.

33111 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. direct reduction of iron ore;
2. manufacturing pig iron in molten or solid form;
3. converting pig iron into steel;
4. manufacturing ferroalloys;
5. making steel;
6. making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. making steel and forming pipe and tube.

331111 IRON AND STEEL MILLS

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. direct reduction of iron ore;

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2. manufacturing pig iron in molten or solid form;
 3. converting pig iron into steel;
 4. making steel;
 5. making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); and
 6. making steel and forming tube and pipe.

331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

3312 STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL

This industry group comprises establishments primarily engaged in manufacturing iron and steel tube and pipe; drawing steel wire; and rolling or drawing shapes from purchased iron or steel.

33121 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

This industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

331210 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

This U.S. industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

33122 ROLLING AND DRAWING OF PURCHASED STEEL

This industry comprises establishments primarily engaged in rolling and/or drawing steel shapes, such as plate, sheet, strip, rod, and bar, from purchased steel.

331221 ROLLED STEEL SHAPE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in rolling or drawing shapes (except wire), such as plate, sheet, strip, rod, and bar, from purchased steel.

331222 STEEL WIRE DRAWING

This U.S. industry comprises establishments primarily engaged in drawing wire from purchased steel.

3313 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Refining alumina;
2. Making (i.e., the primary production) aluminum from alumina;
3. Recovering aluminum from scrap or dross;
4. Alloying purchased aluminum; and
5. Manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

33131 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

This industry comprises establishments primarily engaged in one or more of the following:

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1. refining alumina;
 2. making (i.e., the primary production) aluminum from alumina;
 3. recovering aluminum from scrap or dross;
 4. alloying purchased aluminum; and
 5. manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

331311 ALUMINA REFINING

This U.S. industry comprises establishments primarily engaged in refining alumina (i.e., aluminum oxide) generally from bauxite.

331312 PRIMARY ALUMINUM PRODUCTION

This U.S. industry comprises establishments primarily engaged in:

1. making aluminum from alumina and/or
2. making aluminum from alumina and rolling, drawing, extruding, or casting the aluminum they make into primary forms (e.g., bar, billet, ingot, plate, rod, sheet, and strip).

Establishments in this industry may make primary aluminum or aluminum-based alloys from alumina.

331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM

This U.S. industry comprises establishments primarily engaged in:

1. recovering aluminum and aluminum alloys from scrap and/or dross (i.e., secondary smelting) and making billet or ingot (except by rolling) and/or
2. manufacturing alloys, powder, paste, or flake from purchased aluminum.

331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. flat rolling or continuous casting sheet, plate, foil, and welded tube from purchased aluminum and/or
2. recovering aluminum from scrap and flat rolling or continuous casting sheet, plate, foil, and welded tube in integrated mills.

331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. extruding aluminum bar, pipe, and tube blooms or extruding or drawing tube from purchased aluminum and/or
2. recovering aluminum from scrap and extruding bar, pipe, and tube blooms or drawing tube in integrated mills.

331319 OTHER ALUMINUM ROLLING AND DRAWING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) from purchased aluminum and/or
2. recovering aluminum from scrap and rolling, drawing or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) in integrated mills.

3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING

This industry group comprises establishments primarily engaged in one of the following:

1. Nonferrous metal (except aluminum) smelting and refining;
2. Copper rolling, drawing, extruding, and alloying; and/or
3. Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying.

33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING

This industry comprises establishments primarily engaged in:

1. smelting ores into nonferrous metals and/or
2. the primary refining of nonferrous metals (except aluminum) using electrolytic or other processes.

331411 PRIMARY SMELTING AND REFINING OF COPPER

This U.S. industry comprises establishments primarily engaged in one of the following:

1. smelting copper ore and/or
2. the primary refining of copper by electrolytic methods or other processes.

Establishments in this industry make primary copper and copper-based alloys, such as brass and bronze, from ore or concentrates.

331419 PRIMARY SMELTING AND REFINING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

This U.S. industry comprises establishments primarily engaged in:

1. making (primary production) nonferrous metals by smelting ore and/or
2. the primary refining of nonferrous metals by electrolytic methods or other processes.

33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering copper or copper alloys from scraps;
2. alloying purchased copper;
3. rolling, drawing, or extruding shapes, (e.g., bar, plate, sheet, strip, tube, wire) from purchased copper; and
4. recovering copper or copper alloys from scrap and rolling drawing, or extruding shapes (e.g., bar, plate, sheet, strip, tube, wire).

331421 COPPER ROLLING, DRAWING, AND EXTRUDING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire)) from purchased copper and/or
2. recovering copper from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire) in integrated mills.

331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING

This U.S. industry comprises establishments primarily engaged in drawing or drawing and insulating communication and energy wire and cable from purchased copper or in integrated secondary smelting and wire drawing plants.

331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER

This U.S. industry comprises establishments primarily engaged in:

1. recovering copper and copper alloys from scrap and/or
2. alloying purchased copper.

Establishments in this industry make primary forms, such as ingot, wire bar, cake, and slab from copper or copper alloys, such as brass and bronze.

33149 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, EXTRUDING, AND ALLOYING

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering nonferrous metals (except copper and aluminum) and nonferrous metal alloys from scrap;
2. alloying purchased nonferrous metals (except copper and aluminum);
3. rolling, drawing, and extruding shapes from purchased nonferrous metals (except copper and aluminum); and
4. recovering nonferrous metals from scrap (except copper and aluminum) and rolling, drawing, or extruding shapes in integrated facilities.

331491 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) from purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) in integrated mills.

331492 SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

This U.S. industry comprises establishments primarily engaged in:

1. alloying purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap.

Establishments in this industry make primary forms (e.g., bar, billet, bloom, cake, ingot, slab, slug, and wire) using smelting or refining processes.

3315 FOUNDRIES

This industry group comprises establishments primarily engaged in pouring molten metal into molds or dies to form castings. Establishments making castings and further manufacturing, such as machining or assembling, a specific manufactured product are classified in the industry of the finished product. Foundries may perform operations, such as cleaning and deburring, on the castings they manufacture. More involved processes, such as tapping, threading, milling, or machining to tight tolerances, that transform castings into more finished products are classified elsewhere in the manufacturing sector based on the product being made.

Establishments in this industry group make castings from purchased metals or in integrated secondary smelting and casting facilities. When the production of primary metals is combined with making castings, the establishment is classified in 331 with the primary metal being made.

33151 FERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring molten iron and steel into molds of a desired shape to make castings. Establishments in this industry purchase iron and steel made in other establishments.

331511 IRON FOUNDRIES

This U.S. industry comprises establishments primarily engaged in pouring molten pig iron or iron alloys into molds to manufacture castings (e.g., cast iron manhole covers, cast iron pipe, cast iron skillets). Establishments in this industry purchase iron made in other establishments.

331512 STEEL INVESTMENT FOUNDRIES

This U.S. industry comprises establishments primarily engaged in manufacturing steel investment castings. Investment molds are formed by covering a wax shape with a refractory slurry. After the refractory slurry hardens, the wax is melted, leaving a seamless mold. Investment molds provide highly detailed, consistent castings. Establishments in this industry purchase steel made in other establishments.

331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)

This U.S. industry comprises establishments primarily engaged in manufacturing steel castings (except steel investment castings). Establishments in this industry purchase steel made in other establishments.

33152 NONFERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring and/or introducing molten nonferrous metal, under high pressure, into metal molds or dies to manufacture castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331521 ALUMINUM DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten aluminum, under high pressure, into molds or dies to make aluminum die-castings. Establishments in this industry purchase aluminum made in other establishments.

331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten nonferrous metal (except aluminum), under high pressure, into molds to make nonferrous metal die-castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten aluminum into molds to manufacture aluminum castings. Establishments in this industry purchase aluminum made in other establishments.

331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten copper into molds to manufacture copper castings. Establishments in this industry purchase copper made in other establishments.

331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten nonferrous metals (except aluminum and copper) into molds to manufacture nonferrous castings (except aluminum die-castings, nonferrous (except aluminum) die-castings, aluminum castings, and copper castings). Establishments in this industry purchase nonferrous metals, such as nickel, lead, and zinc, made in other establishments.

332 FABRICATED METAL PRODUCT MANUFACTURING

Industries in the Fabricated Metal Product Manufacturing subsector transform metal into intermediate or end products, other than machinery, computers and electronics, and metal furniture or treating metals and metal formed products fabricated elsewhere. Important fabricated metal processes are forging, stamping, bending, forming, and machining, used to shape individual pieces of metal; and other processes, such as welding and assembling, used to join separate parts together. Establishments in this subsector may use one of these processes or a combination of these processes.

The NAICS structure for this subsector distinguishes the forging and stamping processes in a single industry. The remaining industries, in the subsector, group establishments based on similar combinations of processes used to make products.

The manufacturing performed in the Fabricated Metal Product Manufacturing subsector begins with manufactured metal shapes. The establishments in this sector further fabricate the purchased metal shapes into a product. For instance, the Spring and Wire Product Manufacturing industry starts with wire and fabricates such items.

Within manufacturing there are other establishments that make the same products made by this subsector; only these establishments begin production further back in the production process. These establishments have a more integrated operation. For instance, one establishment may manufacture steel, draw it into wire, and make wire products in the same establishment. Such operations are classified in the Primary Metal Manufacturing subsector.

3321 FORGING AND STAMPING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing forgings from purchased metals;
2. Manufacturing metal custom roll forming products;
3. Manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. Manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

33211 FORGING AND STAMPING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing forgings from purchased metals;
2. manufacturing metal custom roll forming products;
3. manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332111 IRON AND STEEL FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing iron and steel forgings from purchased iron and steel by hammering mill shapes. Establishments making iron and steel forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Iron and steel forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332112 NONFERROUS FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing nonferrous forgings from purchased nonferrous metals by hammering mill shapes. Establishments making nonferrous forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Nonferrous forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332114 CUSTOM ROLL FORMING

This U.S. industry comprises establishments primarily engaged in custom roll forming metal products by use of rotary motion of rolls with various contours to bend or shape the products.

332115 CROWN AND CLOSURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in stamping metal crowns and closures, such as bottle caps and home canning lids and rings.

332116 METAL STAMPING

This U.S. industry comprises establishments primarily engaged in manufacturing unfinished metal stampings and spinning unfinished metal products (except crowns, cans, closures, automotive, and coins). Establishments making metal stampings and metal spun products and further manufacturing (e.g., machining, assembling) a specific product are classified in the industry of the finished product. Metal stamping and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332117 POWDER METALLURGY PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powder metallurgy products by compacting them in a shaped die and sintering. Establishments in this industry generally make a wide range of parts on a job or order basis.

3322 CUTLERY AND HANDTOOL MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing nonprecious and precious plated metal cutlery and flatware;
2. Manufacturing nonpowered hand and edge tools;
3. Manufacturing nonpowered handsaws;
4. Manufacturing saw blades, all types (including those for sawing machines); and

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5. Manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

33221 CUTLERY AND HANDTOOL MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing nonprecious and precious plated metal cutlery and flatware;
2. manufacturing nonpowered hand and edge tools;
3. manufacturing nonpowered handsaws;
4. manufacturing saw blades, all types (including those for sawing machines); and
5. manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonprecious and precious plated metal cutlery and flatware.

332212 HAND AND EDGE TOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonpowered hand and edge tools (except saws).

332213 SAW BLADE AND HANDSAW MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing nonpowered handsaws and/or
2. manufacturing saw blades, all types (including those for power sawing machines).

332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal kitchen utensils (except cutting-type), pots, and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing one or more of the following:

1. Plate work and fabricated structural product manufacturing and
2. Ornamental and architectural metal products manufacturing.

33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. prefabricated metal buildings, panels and sections;
2. structural metal products; and
3. metal plate work products.

332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing prefabricated metal buildings, panels, and sections.

332312 FABRICATED STRUCTURAL METAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating structural metal products, such as concrete reinforcing bars and fabricated bar joists.

332313 PLATE WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal plate work by cutting, punching, bending, shaping, and welding purchased metal plate.

33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. metal framed windows (i.e., typically using purchased glass) and metal doors;
2. sheet metal work; and
3. ornamental and architectural metal products.

332321 METAL WINDOW AND DOOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal framed windows (typically using purchased glass) and metal doors. Examples of products made by these establishments are: metal door frames; metal framed window and door screens; and metal molding and trim (except automotive).

332322 SHEET METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sheet metal work (except stampings).

332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ornamental and architectural metal work, such as staircases, metal open steel flooring, fire escapes, railings, and scaffolding.

3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Power boiler and heat exchanger manufacturing;
2. Metal tank (heavy gauge) manufacturing; and
3. Metal can, box, and other metal container (light gauge) manufacturing.

33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

33242 METAL TANK (HEAVY GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

332420 METAL TANK (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

33243 METAL CAN, BOX, AND OTHER METAL CONTAINER (LIGHT GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in forming light gauge metal containers.

332431 METAL CAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cans, lids, and ends.

332439 OTHER METAL CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal (light gauge) containers (except cans).

3325 HARDWARE MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

33251 HARDWARE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

332510 HARDWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

3326 SPRING AND WIRE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. Manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

33261 SPRING AND WIRE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

332611 SPRING (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heavy gauge springs by forming, such as cutting, bending, and heat winding, rod or strip stock.

332612 SPRING (LIGHT GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing light gauge springs from purchased wire or strip.

332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated wire products (except springs) made from purchased wire.

3327 MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Machine shops and/or
2. Turned product and screw, nut, and bolt manufacturing.

33271 MACHINE SHOPS

This industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

332710 MACHINE SHOPS

This U.S. industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. machining precision turned products or
2. manufacturing metal bolts, nuts, screws, rivets, and other industrial fasteners.

Included in this industry are establishments primarily engaged in manufacturing parts for machinery and equipment on a customized basis.

332721 PRECISION TURNED PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in machining precision products of all materials on a job or order basis (known as precision turned manufacturers). Generally precision turned product jobs are large volume using machines, such as automatic screw machines, rotary transfer machines, computer numerically controlled (CNC) lathes, or turning centers.

332722 BOLT, NUT, SCREW, RIVET, AND WASHER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal bolts, nuts, screws, rivets, washers, and other industrial fasteners using machines, such as headers, threaders, and nut forming machines.

3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

This industry group comprises establishments primarily engaged in one or more of the following:

1. Heat treating metals and metal products;
2. Enameling, lacquering, and varnishing metals and metal products;
3. Hot dip galvanizing metals and metal products;
4. Engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. Powder coating metals and metal products;
6. Electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. Providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

This industry comprises establishments primarily engaged in one or more of the following:

1. heat treating metals and metal products;
2. enameling, lacquering, and varnishing metals and metal products;
3. hot dip galvanizing metals and metal products;
4. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. powder coating metals and metal products;
6. electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

332811 METAL HEAT TREATING

This U.S. industry comprises establishments primarily engaged in heat treating, such as annealing, tempering, and brazing metals and metal products for the trade.

332812 METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. enameling, lacquering, and varnishing metals and metal products;
2. hot dip galvanizing metals and metal products;
3. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
4. powder coating metals and metal products; and
5. providing other metal surfacing services for the trade.

332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

This U.S. industry comprises establishments primarily engaged in electroplating, plating, anodizing, coloring, buffing, polishing, cleaning, and sandblasting metals and metal products for the trade.

3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, and nuts and bolts).

33291 METAL VALVE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following metal valves:

1. industrial valves;
2. fluid power valves and hose fittings;
3. plumbing fixture fittings and trim; and
4. other metal valves and pipe fittings.

332911 INDUSTRIAL VALVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial valves and valves for water works and municipal water systems.

332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power valves and hose fittings.

332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal and plastics plumbing fixture fittings and trim, such as faucets, flush valves, and shower heads.

332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal valves (except industrial valves, fluid power valves, fluid power hose fittings, and plumbing fixture fittings and trim).

33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metal products, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, and metal valves).

332991 BALL AND ROLLER BEARING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ball and roller bearings of all materials.

332992 SMALL ARMS AMMUNITION MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small arms ammunition.

332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ammunition (except small arms). Examples of products made by these establishments are bombs, depth charges, rockets (except guided missiles), grenades, mines, and torpedoes.

332994 SMALL ARMS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small firearms that are carried and fired by the individual.

332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ordnance (except small arms) and accessories.

332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating, such as cutting, threading, and bending metal pipes and pipe fittings made from purchased metal pipe.

332997 INDUSTRIAL PATTERN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial patterns.

332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing enameled iron and metal sanitary ware.

332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, metal valves, ball and roller bearings, ammunition, small arms and other ordnances, fabricated pipes and pipe fittings, industrial patterns, and enameled iron and metal sanitary ware).

333 MACHINERY MANUFACTURING

Industries in the Machinery Manufacturing subsector create end products that apply mechanical force, for example, the application of gears and levers, to perform work. Some important processes for the manufacture of machinery are forging, stamping, bending, forming, and machining that are used to shape individual pieces of metal. Processes, such as welding and assembling are used to join separate parts together. Although these processes are similar to those used in metal fabricating establishments, machinery manufacturing is different because it typically employs multiple metal forming processes in manufacturing the various parts of the machine. Moreover, complex assembly operations are an inherent part of the production process.

In general, design considerations are very important in machinery production. Establishments specialize in making machinery designed for particular applications. Thus, design is considered to be part of the production process for the purpose of implementing NAICS. The NAICS structure reflects this by defining industries and industry groups that make machinery for different applications. A broad distinction exists between machinery that is generally used in a variety of industrial applications (i.e., general purpose machinery) and machinery that is designed to be used in a particular industry (i.e., special purpose machinery). Three industry groups consist of special purpose machinery--Agricultural, Construction, and Mining Machinery Manufacturing; Industrial Machinery

Manufacturing; and Commercial and Service Industry Machinery Manufacturing. The other industry groups make general-purpose machinery: Ventilation, Heating, Air Conditioning, and Commercial Refrigeration Equipment Manufacturing; Metalworking Machinery Manufacturing; Engine, Turbine, and Power Transmission Equipment Manufacturing; and Other General Purpose Machinery Manufacturing.

3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Agricultural implement manufacturing;
2. Construction machinery manufacturing; and
3. Mining and oil and gas field machinery manufacturing.

33311 AGRICULTURAL IMPLEMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing farm machinery and equipment, powered mowing equipment, and other powered home lawn and garden equipment.

333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing agricultural and farm machinery and equipment and other turf and grounds care equipment, including planting, harvesting, and grass mowing equipment (except lawn and garden-type).

333112 LAWN AND GARDEN TRACTOR AND HOME LAWN AND GARDEN EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powered lawnmowers, lawn and garden tractors, and other home lawn and garden equipment, such as tillers, shredders, and yard vacuums and blowers.

33312 CONSTRUCTION MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

333120 CONSTRUCTION MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing oil and gas field and underground mining machinery and equipment.

333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing underground mining machinery and equipment, such as coal breakers, mining cars, core drills, coal cutters, and rock drills and
2. manufacturing mineral beneficiating machinery and equipment used in surface or underground mines.

333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

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1. manufacturing oil and gas field machinery and equipment, such as oil and gas field drilling machinery and equipment; oil and gas field production machinery and equipment; and oil and gas field derricks; and
 2. manufacturing water well drilling machinery.

3332 INDUSTRIAL MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Sawmill and woodworking machinery manufacturing;
2. Plastics and rubber industry machinery manufacturing; and
3. Other industrial machinery manufacturing.

33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing sawmill and wood-working machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sawmill and woodworking machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction, mining, sawmill and woodworking, and plastics and rubber products making machinery).

333291 PAPER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing paper industry machinery for making paper and paper products, such as pulp making machinery, paper and paperboard making machinery, and paper and paperboard converting machinery.

333292 TEXTILE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing textile machinery for making thread, yarn, and fiber.

333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing printing and bookbinding machinery and equipment, such as printing presses, typesetting machinery, and bindery machinery.

333294 FOOD PRODUCT MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing food and beverage manufacturing-type machinery and equipment, such as dairy product plant machinery and equipment (e.g., homogenizers, pasteurizers, and ice cream freezers), bakery machinery and equipment (e.g., dough mixers, bake ovens, and pastry rolling machines), meat and poultry processing and preparation machinery, and other commercial food products machinery (e.g., slicers, choppers, and mixers).

333295 SEMICONDUCTOR MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wafer processing equipment, semiconductor assembly and packaging equipment, and other semiconductor making machinery.

333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction and mining machinery, sawmill and woodworking machinery, plastics and rubber making machinery, paper and paperboard making machinery, textile machinery, printing machinery and equipment, food manufacturing-type machinery, and semiconductor making machinery).

3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

333311 AUTOMATIC VENDING MACHINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing coin, token, currency, or magnetic card operated vending machines; and/or
2. manufacturing coin operated mechanism for machines, such as vending machines, lockers, and laundry machines.

333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and industrial laundry and drycleaning equipment and pressing machines.

333313 OFFICE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing office machinery (except computers and photocopying equipment), such as mailhandling machinery and equipment, calculators, typewriters, and dedicated word processing equipment.

333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing optical instruments and lens, such as binoculars, microscopes (except electron and proton), telescopes, prisms, and lenses (except ophthalmic);
2. coating or polishing lenses (except ophthalmic); and
3. mounting lenses (except ophthalmic).

333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing photographic and photocopying equipment, such as cameras (except television, video, and digital), projectors, film developing equipment, photocopying equipment, and microfilm equipment.

333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and service industry equipment (except automatic vending machines, commercial laundry, drycleaning and pressing machines, office machinery, optical instruments and lenses, and photographic and photocopying equipment).

3334 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

33341 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

333411 AIR PURIFICATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing stationary air purification equipment, such as industrial dust and fume collection equipment, electrostatic precipitation equipment, warm air furnace filters, air washers, and other dust collection equipment.

333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing attic fans and industrial and commercial fans and blowers, such as commercial exhaust fans and commercial ventilating fans.

333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heating equipment (except electric and warm air furnaces), such as heating boilers, heating stoves, floor and wall furnaces, and wall and baseboard heating units.

333415 AIR-CONDITIONING AND WARM AIR HEATING EQUIPMENT AND COMMERCIAL AND INDUSTRIAL REFRIGERATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing air-conditioning (except motor vehicle) and warm air furnace equipment and/or
2. manufacturing commercial and industrial refrigeration and freezer equipment.

3335 METALWORKING MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

33351 METALWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

333511 INDUSTRIAL MOLD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial molds for casting metals or forming other materials, such as plastics, glass, or rubber.

333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cutting machine tools (except handtools).

333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal forming machine tools (except handtools), such as punching, sheering, bending, forming, pressing, forging, and die-casting machines.

333514 SPECIAL DIE AND TOOL, DIE SET, JIG, AND FIXTURE MANUFACTURING

This U.S. industry comprises establishments, known as tool and die shops, primarily engaged in manufacturing special tools and fixtures, such as cutting dies and jigs.

333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing accessories and attachments for metal cutting and metal forming machine tools.

333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rolling mill machinery and equipment for metal production.

333518 OTHER METALWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal working machinery (except industrial molds; metal cutting machine tools; metal forming machine tools; special dies and tools, die sets, jigs, and fixtures; cutting tools and machine tool accessories; and rolling mill machinery and equipment).

3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing turbines (except aircraft) and complete turbine generator set units, such as steam, hydraulic, gas, and wind.

333612 SPEED CHANGER, INDUSTRIAL HIGH-SPEED DRIVE, AND GEAR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gears, speed changers, and industrial high-speed drives (except hydrostatic).

333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mechanical power transmission equipment (except motor vehicle and aircraft), such as plain bearings, clutches (except motor vehicle and electromagnetic industrial control), couplings, joints, and drive chains.

333618 OTHER ENGINE EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing internal combustion engines (except automotive gasoline and aircraft).

3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Pump and compressor manufacturing;
2. Material handling equipment manufacturing; and
3. All other general purpose machinery manufacturing.

33391 PUMP AND COMPRESSOR MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing pumps and compressors, such as general purpose air and gas compressors, nonagricultural spraying and dusting equipment, general purpose pumps and pumping equipment (except fluid power pumps and motors), and measuring and dispensing pumps.

333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose pumps and pumping equipment (except fluid power pumps and motors), such as reciprocating pumps, turbine pumps, centrifugal pumps, rotary pumps, diaphragm pumps, domestic water system pumps, oil well and oil field pumps, and sump pumps.

333912 AIR AND GAS COMPRESSOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose air and gas compressors, such as reciprocating compressors, centrifugal compressors, vacuum pumps (except laboratory), and nonagricultural spraying and dusting compressors and spray gun units.

333913 MEASURING AND DISPENSING PUMP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and dispensing pumps, such as gasoline pumps and lubricating oil measuring and dispensing pumps.

33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing material handling equipment, such as elevators and moving stairs; conveyors and conveying equipment; overhead traveling cranes, hoists, and monorail systems; and industrial trucks, tractors, trailers, and stacker machinery.

333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing elevators and moving stairways.

333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing conveyors and conveying equipment, such as gravity conveyors, trolley conveyors, tow conveyors, pneumatic tube conveyors, carousel conveyors, farm conveyors, and belt conveyors.

333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems.

333924 INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers (i.e., truck-type), such as forklifts, pallet loaders and unloaders, and portable loading docks.

33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilation, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; and material handling equipment).

333991 POWER-DRIVEN HANDTOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power-driven (e.g., battery, corded, and pneumatic) handtools, such as drills, screwguns, circular saws, chain saws, staplers, and nailers.

333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing welding and soldering equipment and accessories (except transformers), such as arc, resistance, gas, plasma, laser, electron beam, and ultrasonic welding equipment; welding electrodes; coated or cored welding wire; and soldering equipment (except handheld).

333993 PACKAGING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing packaging machinery, such as wrapping, bottling, canning, and labeling machinery.

333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING

This U.S. Industry comprises establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and kilns (except cement, chemical, and wood).

333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) cylinders and actuators.

333996 FLUID POWER PUMP AND MOTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) pumps and motors.

333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing scales and balances (except laboratory).

333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilating, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; material handling equipment; power-driven handtools; welding and soldering equipment; packaging machinery; industrial process furnaces and ovens; fluid power cylinders and actuators; fluid power pumps and motors; and scales and balances).

334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING

Industries in the Computer and Electronic Product Manufacturing subsector group establishments that manufacture computers, computer peripherals, communications equipment, and similar electronic products, and establishments that manufacture components for such products. The Computer and Electronic Product Manufacturing industries have been combined in the hierarchy of NAICS because of the economic significance they have attained. Their rapid growth suggests that they will become even more important to the economies of all three North American countries in the future, and in addition their manufacturing processes are fundamentally different from the manufacturing processes of other machinery and equipment. The design and use of integrated circuits and the application of highly specialized miniaturization technologies are common elements in the production technologies of the computer and electronic subsector. Convergence of technology motivates this NAICS subsector. Digitalization of sound recording, for example, causes both the medium (the compact disc) and the equipment to resemble the technologies for recording, storing, transmitting, and manipulating data. Communications technology and equipment have been converging with computer technology. When technologically-related components are in the same sector, it makes it easier to adjust the classification for future changes, without needing to redefine its basic structure. The creation of the Computer and Electronic Product Manufacturing subsector will assist in delineating new and emerging industries because the activities that will serve as the probable sources of new industries, such as computer manufacturing and communications equipment manufacturing, or computers and audio equipment, are brought together. As new activities emerge, they are less likely therefore, to cross the subsector boundaries of the classification.

3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

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1. Store the processing program or programs and the data immediately necessary for the execution of the program;
 2. Can be freely programmed in accordance with the requirements of the user;
 3. Perform arithmetical computations specified by the user; and
 4. Execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

33411 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

1. store the processing program or programs and the data immediately necessary for the execution of the program;
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3. perform arithmetical computations specified by the user; and
4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

334111 ELECTRONIC COMPUTER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

1. store the processing program or programs and the data immediately necessary for the execution of the program;
2. can be freely programmed in accordance with the requirements of the user;
3. perform arithmetical computations specified by the user; and
4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and contain at least analog, control, and programming elements. The manufacture of computers includes the assembly or integration of processors, coprocessors, memory, storage, and input/output devices into a user-programmable final product.

334112 COMPUTER STORAGE DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing computer storage devices that allow the storage and retrieval of data from a phase change, magnetic, optical, or magnetic/optical media. Examples of products made by these establishments are CD-ROM drives, floppy disk drives, hard disk drives, and tape storage and backup units.

334113 COMPUTER TERMINAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing computer terminals. Computer terminals are input/output devices that connect with a central computer for processing.

334119 OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing computer peripheral equipment (except storage devices and computer terminals).

3342 COMMUNICATIONS EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Telephone apparatus manufacturing;
2. Radio and television broadcasting and wireless communications equipment manufacturing; and
3. Other communications equipment manufacturing.

33421 TELEPHONE APPARATUS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be standalone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, LAN modems, multi-user modems, and other data communications equipment, such as bridges, routers, and gateways.

334210 TELEPHONE APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be stand-alone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, and data communications equipment, such as bridges, routers, and gateways.

33422 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are: transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

334220 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

33429 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, and radio and television broadcast, and wireless communications equipment).

334290 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, radio and television broadcast, and wireless communications equipment).

3343 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

33431 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

334310 AUDIO AND VIDEO EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

3344 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

33441 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

334411 ELECTRON TUBE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electron tubes and parts (except glass blanks). Examples of products made by these establishments are cathode ray tubes (i.e., picture tubes), klystron tubes, magnetron tubes, and traveling wave tubes.

334412 BARE PRINTED CIRCUIT BOARD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing bare (i.e., rigid or flexible) printed circuit boards without mounted electronic components. These establishments print, perforate, plate, screen, etch, or photoprint interconnecting pathways for electric current on laminates.

334413 SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing semiconductors and related solid state devices. Examples of products made by these establishments are integrated circuits, memory chips, microprocessors, diodes, transistors, solar cells and other optoelectronic devices.

334414 ELECTRONIC CAPACITOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic fixed and variable capacitors and condensers.

334415 ELECTRONIC RESISTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic resistors, such as fixed and variable resistors, resistor networks, thermistors, and varistors.

334416 ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic inductors, such as coils and transformers.

334417 ELECTRONIC CONNECTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic connectors, such as coaxial; cylindrical; rack and panel; pin and sleeve; printed circuit; and fiber optic.

334418 PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in loading components onto printed circuit boards or who manufacture and ship loaded printed circuit boards. Also known as printed circuit assemblies, electronics assemblies, or modules, these products are printed circuit boards that have some or all of the semiconductor and electronic components inserted or mounted and are inputs to a wide variety of electronic systems and devices.

334419 OTHER ELECTRONIC COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electronic components (except electron tubes; bare printed circuit boards; semiconductors and related devices; electronic capacitors; electronic resistors; coils, transformers, and other inductors; connectors; and loaded printed circuit boards).

3345 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

33451 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

334510 ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus, such as magnetic resonance imaging equipment, medical ultrasound equipment, pacemakers, hearing aids, electrocardiographs, and electromedical endoscopic equipment.

334511 SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Examples of products made by these establishments are aircraft instruments (except engine), flight recorders, navigational instruments and systems, radar systems and equipment, and sonar systems and equipment.

334512 AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE

This U.S. industry comprises establishments primarily engaged in manufacturing automatic controls and regulators for applications, such as heating, air-conditioning, refrigeration, and appliances.

334513 INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and related devices for measuring, displaying, indicating, recording, transmitting, and controlling industrial process variables. These instruments measure, display, or control (i.e., monitor and analyze) industrial process variables, such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration, and rotation.

334514 TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing totalizing (i.e., registering) fluid meters and counting devices. Examples of products made by these establishments are gas consumption meters, water consumption meters, parking meters, taxi meters, motor vehicle gauges, and fare collection equipment.

334515 INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS

This U.S. industry comprises establishments primarily engaged in manufacturing instruments for measuring and testing the characteristics of electricity and electrical signals. Examples of products made by these establishments are circuit and continuity testers, volt meters, ohm meters, wattmeters, multimeters, and semiconductor test equipment.

334516 ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and instrumentation systems for laboratory analysis of the chemical or physical composition or concentration of samples of solid, fluid, gaseous, or composite material.

334517 IRRADIATION APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing irradiation apparatus and tubes for applications, such as medical diagnostic, medical therapeutic, industrial, and research and scientific evaluation. Irradiation can take the form of beta-rays, gamma-rays, X-rays, or other ionizing radiation.

334518 WATCH, CLOCK, AND PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling: clocks; watches; timing mechanisms for clockwork operated devices; time clocks; time and date recording devices; and clock and watch parts (except crystals), such as springs, jewels, and modules.

334519 OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and controlling devices (except search, detection, navigation, guidance, aeronautical, and nautical instruments and systems; automatic environmental controls for residential, commercial, and appliance use; instruments for measurement, display, and control of industrial process variables; totalizing fluid meters and counting devices; instruments for measuring and testing electricity and electrical signals; analytical laboratory instruments; watches, clocks, and parts; irradiation equipment; and electromedical and electrotherapeutic apparatus).

3346 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA

This industry group comprises establishments primarily engaged in:

1. Manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or
2. Mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

33461 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA

This industry comprises establishments primarily engaged in:

1. manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or;
2. mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

334611 SOFTWARE REPRODUCING

This U.S. industry comprises establishments primarily engaged in mass reproducing computer software. These establishments do not generally develop any software, they mass reproduce data and programs on magnetic media, such as diskettes, tapes, or cartridges. Establishments in this industry mass reproduce products, such as CD-ROMs and game cartridges.

334612 PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING

This U.S. industry comprises establishments primarily engaged in mass reproducing audio and video material on magnetic or optical media. Examples of products mass reproduced by these establishments are audio compact discs, prerecorded audio and video cassettes, and laser discs.

334613 MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing magnetic and optical recording media, such as blank magnetic tape, blank diskettes, blank optical discs, hard drive media, and blank magnetic tape cassettes.

335 ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING

Industries in the Electrical Equipment, Appliance, and Component Manufacturing subsector manufacture products that generate, distribute and use electrical power. Electric Lighting Equipment Manufacturing establishments produce electric lamp bulbs, lighting fixtures, and parts. Household

Appliance Manufacturing establishments make both small and major electrical appliances and parts. Electrical Equipment Manufacturing establishments make goods, such as electric motors, generators, transformers, and switchgear apparatus. Other Electrical Equipment and Component Manufacturing establishments make devices for storing electrical power (e.g., batteries), for transmitting electricity (e.g., insulated wire), and wiring devices (e.g., electrical outlets, fuse boxes, and light switches).

3351 ELECTRIC LIGHTING EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Electric lamp bulb and part manufacturing and/or
2. Lighting fixture manufacturing.

33511 ELECTRIC LAMP BULB AND PART MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

335110 ELECTRIC LAMP BULB AND PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

33512 LIGHTING FIXTURE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except vehicular), nonelectric lighting equipment, lamp shades (except glass and plastics), and lighting fixture components (except current-carrying wiring devices).

335121 RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fixed or portable residential electric lighting fixtures and lamp shades of metal, paper, or textiles. Residential electric lighting fixtures include those for use both inside and outside the residence.

335122 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures.

335129 OTHER LIGHTING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except residential, commercial, industrial, institutional, and vehicular) and nonelectric lighting equipment.

3352 HOUSEHOLD APPLIANCE MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Small electrical appliance manufacturing and/or
2. Major appliance manufacturing.

33521 SMALL ELECTRICAL APPLIANCE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares, household-type fans, household-type vacuum cleaners, and other electric household-type floor care machines.

335211 ELECTRIC HOUSEWARES AND HOUSEHOLD FAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares for heating, cooking, and other purposes, and electric household-type fans (except attic fans).

335212 HOUSEHOLD VACUUM CLEANER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric vacuum cleaners, electric floor waxing machines, and other electric floor care machines typically for household use.

33522 MAJOR APPLIANCE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and nonelectrical major household-type appliances, such as dishwashers, water heaters, and garbage disposal units.

335221 HOUSEHOLD COOKING APPLIANCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type electric and nonelectric cooking equipment (except small electric appliances and electric housewares).

335222 HOUSEHOLD REFRIGERATOR AND HOME FREEZER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type refrigerators and upright and chest freezers.

335224 HOUSEHOLD LAUNDRY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type laundry equipment.

335228 OTHER MAJOR HOUSEHOLD APPLIANCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric and non-electric major household-type appliances (except cooking equipment, refrigerators, upright and chest freezers, and household-type laundry equipment).

3353 ELECTRICAL EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

33531 ELECTRICAL EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

335311 POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers (except electronic components). Industrial-type and consumer-type transformers in this industry vary (e.g., step up or step down) voltage but do not convert alternating to direct or direct to alternating current.

335312 MOTOR AND GENERATOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing electric motors (except internal combustion engine starting motors), power generators (except battery charging alternators for internal combustion engines), and motor generator sets (except turbine generator set units). This industry includes establishments rewinding armatures on a factory basis.

335313 SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing switchgear and switchboard apparatus.

335314 RELAY AND INDUSTRIAL CONTROL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing relays, motor starters and controllers, and other industrial controls and control accessories.

3359 OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing electrical equipment and components (except electric lighting equipment, household-type appliances, transformers, switchgear, relays, motors, and generators).

33591 BATTERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing primary and storage batteries.

335911 STORAGE BATTERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing storage batteries.

335912 PRIMARY BATTERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wet or dry primary batteries.

33592 COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING

This industry comprises establishments insulating fiber-optic cable, and manufacturing insulated nonferrous wire and cable from nonferrous wire drawn in other establishments.

335921 FIBER OPTIC CABLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing insulated fiber-optic cable from purchased fiber-optic strand.

335929 OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing insulated wire and cable of nonferrous metals from purchased wire.

33593 WIRING DEVICE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices and noncurrent-carrying wiring devices for wiring electrical circuits.

335931 CURRENT-CARRYING WIRING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices.

335932 NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing noncurrent-carrying wiring devices.

33599 ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing electrical equipment (except electric lighting equipment, household-type appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, and wiring devices).

335991 CARBON AND GRAPHITE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; carbon and graphite fibers; and other carbon, graphite, and metal-graphite products.

335999 ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial and commercial electric apparatus and other equipment (except lighting equipment, household appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, wiring devices, and carbon and graphite products). This industry includes power converters (i.e., AC to DC and DC to AC), power supplies, surge suppressors, and similar equipment for industrial-type and consumer-type equipment.

336 TRANSPORTATION EQUIPMENT MANUFACTURING

Industries in the Transportation Equipment Manufacturing subsector produce equipment for transporting people and goods. Transportation equipment is a type of machinery. An entire subsector is devoted to this activity because of the significance of its economic size in all three North American countries.

Establishments in this subsector utilize production processes similar to those of other machinery manufacturing establishments - bending, forming, welding, machining, and assembling metal or plastic parts into components and finished products. However, the assembly of components and subassemblies and their further assembly into finished vehicles tends to be a more common production process in this subsector than in the Machinery Manufacturing subsector.

NAICS has industry groups for the manufacture of equipment for each mode of transport - road, rail, air and water. Parts for motor vehicles warrant a separate industry group because of their importance and because parts manufacture requires less assembly, and the establishments that manufacture only parts are not as vertically integrated as those that make complete vehicles.

Land use motor vehicle equipment not designed for highway operation (e.g., agricultural equipment, construction equipment, and materials handling equipment) is classified in the appropriate NAICS subsector based on the type and use of the equipment.

3361 MOTOR VEHICLE MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Automobile and light duty motor vehicle manufacturing and/or
2. Heavy duty truck manufacturing.

33611 AUTOMOBILE AND LIGHT DUTY MOTOR VEHICLE MANUFACTURING

This industry comprises establishments primarily engaged in:

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1. manufacturing complete automobile and light duty motor vehicles (i.e., body and chassis or unibody) or
 2. manufacturing chassis only.

336111 AUTOMOBILE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete automobiles (i.e., body and chassis or unibody) or
2. manufacturing automobile chassis only.

336112 LIGHT TRUCK AND UTILITY VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete light trucks and utility vehicles (i.e., body and chassis) or
2. manufacturing light truck and utility vehicle chassis only.

Vehicles made include light duty vans, pick-up trucks, minivans, and sport utility vehicles.

33612 HEAVY DUTY TRUCK MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

336120 HEAVY DUTY TRUCK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

3362 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Manufacturing motor vehicle bodies and cabs or
2. Manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

33621 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing motor vehicle bodies and cabs or
2. manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

336211 MOTOR VEHICLE BODY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing truck and bus bodies and cabs and automobile bodies. The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

336212 TRUCK TRAILER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing truck trailers, truck trailer chassis, cargo container chassis, detachable trailer bodies, and detachable trailer chassis for sale separately.

336213 MOTOR HOME MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in:

1. manufacturing motor homes on purchased chassis and/or
2. manufacturing conversion vans on an assembly line basis.

Motor homes are units where the motor and the living quarters are integrated in the same unit.

336214 TRAVEL TRAILER AND CAMPER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing travel trailers and campers designed to attach to motor vehicles;
2. manufacturing pickup coaches (i.e., campers) and caps (i.e., covers) for mounting on pickup trucks; and
3. manufacturing automobile, utility, and light-truck trailers.

Travel trailers do not have their own motor but are designed to be towed by a motor unit, such as an automobile or a light truck.

3363 MOTOR VEHICLE PARTS MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Motor vehicle gasoline engine and engine parts manufacturing;
2. Motor vehicle electrical and electronic equipment manufacturing;
3. Motor vehicle steering and suspension components (except spring) manufacturing;
4. Motor vehicle brake system manufacturing;
5. Motor vehicle transmission and power train parts manufacturing;
6. Motor vehicle seating and interior trim manufacturing;
7. Motor vehicle metal stamping; and/or
8. Other motor vehicle parts manufacturing.

33631 MOTOR VEHICLE GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle gasoline engines, and engine parts, whether or not for vehicular use.

336311 CARBURETOR, PISTON, PISTON RING, AND VALVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding carburetors, pistons, piston rings, and engine intake and exhaust valves.

336312 GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding gasoline motor vehicle engines and gasoline motor vehicle engine parts, excluding carburetors, pistons, piston rings, and valves.

33632 MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing vehicular lighting and/or
2. manufacturing and/or rebuilding motor vehicle electrical and electronic equipment.

The products made can be used for all types of transportation equipment (i.e., aircraft, automobiles, trains, and ships).

336321 VEHICULAR LIGHTING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing vehicular lighting fixtures.

336322 OTHER MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding electrical and electronic equipment for motor vehicles and internal combustion engines.

33633 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

336330 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

33634 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

336340 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

33635 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

336350 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

33636 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

336360 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

33637 MOTOR VEHICLE METAL STAMPING

This industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

336370 MOTOR VEHICLE METAL STAMPING

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

33639 OTHER MOTOR VEHICLE PARTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, and motor vehicle stampings).

336391 MOTOR VEHICLE AIR-CONDITIONING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing air-conditioning systems and compressors for motor vehicles, such as automobiles, trucks, buses, aircraft, farm machinery, construction machinery, and other related vehicles.

336399 ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, motor vehicle stampings, and motor vehicle air-conditioning systems and compressors).

3364 AEROSPACE PRODUCT AND PARTS MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing complete aircraft, missiles, or space vehicles;
2. Manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. Developing and making prototypes of aerospace products;
4. Aircraft conversion (i.e., major modifications to systems); and
5. Complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

33641 AEROSPACE PRODUCT AND PARTS MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing complete aircraft, missiles, or space vehicles;
2. manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. developing and making prototypes of aerospace products;
4. aircraft conversion (i.e., major modifications to systems); and
5. complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

336411 AIRCRAFT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing or assembling complete aircraft;
2. developing and making aircraft prototypes;
3. aircraft conversion (i.e., major modifications to systems); and
4. complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

336412 AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing aircraft engines and engine parts;
2. developing and making prototypes of aircraft engines and engine parts;
3. aircraft propulsion system conversion (i.e., major modifications to systems); and
4. aircraft propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft propulsion system to original design specifications).

336413 OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing aircraft parts or auxiliary equipment (except engines and aircraft fluid power subassemblies) and/or
2. developing and making prototypes of aircraft parts and auxiliary equipment.

Auxiliary equipment includes such items as crop dusting apparatus, armament racks, inflight refueling equipment, and external fuel tanks.

336414 GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete guided missiles and space vehicles and/or
2. developing and making prototypes of guided missile or space vehicles.

336415 GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and/or space vehicle propulsion units and propulsion unit parts and/or

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2. developing and making prototypes of guided missile and space vehicle propulsion units and propulsion unit parts.

336419 OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and space vehicle parts and auxiliary equipment (except guided missile and space vehicle propulsion units and propulsion unit parts) and/or
2. developing and making prototypes of guided missile and space vehicle parts and auxiliary equipment.

3365 RAILROAD ROLLING STOCK MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. Manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. Manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

33651 RAILROAD ROLLING STOCK MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

336510 RAILROAD ROLLING STOCK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

3366 SHIP AND BOAT BUILDING

This industry group comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

33661 SHIP AND BOAT BUILDING

This industry comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for

other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

336611 SHIP BUILDING AND REPAIRING

This U.S. industry comprises establishments primarily engaged in operating a shipyard. Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

336612 BOAT BUILDING

This U.S. industry comprises establishments primarily engaged in building boats. Boats are defined as watercraft not built in shipyards and typically of the type suitable or intended for personal use.

3369 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles and parts, aerospace products and parts, railroad rolling stock, ship building, and boat manufacturing).

33699 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, metal tricycles, complete military armored vehicles, tanks, self-propelled weapons, vehicles pulled by draft animals, and other transportation equipment (except motor vehicles, boats, ships, railroad rolling stock, and aerospace products), including parts thereof.

336991 MOTORCYCLE, BICYCLE, AND PARTS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, tricycles and similar equipment, and parts.

336992 MILITARY ARMORED VEHICLE, TANK, AND TANK COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing complete military armored vehicles, combat tanks, specialized components for combat tanks, and self-propelled weapons.

336999 ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles, motor vehicle parts, boats, ships, railroad rolling stock, aerospace products, motorcycles, bicycles, and armored vehicles and tanks).

337 FURNITURE AND RELATED PRODUCT MANUFACTURING

Industries in the Furniture and Related Product Manufacturing subsector make furniture and related articles, such as mattresses, window blinds, cabinets, and fixtures. The processes used in the manufacture of furniture include the cutting, bending, molding, laminating, and assembly of such materials as wood, metal, glass, plastics, and rattan. However, the production process for

furniture is not solely bending metal, cutting and shaping wood, or extruding and molding plastics. Design and fashion trends play an important part in the production of furniture. The integrated design of the article for both esthetic and functional qualities is also a major part of the process of manufacturing furniture. Design services may be performed by the furniture establishment's work force or may be purchased from industrial designers.

Furniture may be made of any material, but the most common ones used in North America are metal and wood. Furniture manufacturing establishments may specialize in making articles primarily from one material. Some of the equipment required to make a wooden table, for example, is different from that used to make a metal one. However, furniture is usually made from several materials. A wooden table might have metal brackets, and a wooden chair a fabric or plastics seat. Therefore, in NAICS, furniture initially is classified based on the type of furniture (application for which it is designed) rather than the material used. For example, an upholstered sofa is treated as household furniture, although it may also be used in hotels or offices.

When classifying furniture according to the component material from which it is made, furniture made from more than one material is classified based on the material used in the frame, or if there is no frame, the predominant component material. Upholstered household furniture (excluding kitchen and dining room chairs with upholstered seats) is classified without regard to the frame material. Kitchen or dining room chairs with upholstered seats are classified according to the frame material.

Furniture may be made on a stock or custom basis and may be shipped assembled or unassembled (i.e., knockdown). The manufacture of furniture parts and frames is included in this subsector.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing. For example, cutting and assembly occurs in the production of wood trusses that are classified in Subsector 321, Wood Product Manufacturing. However, the multiple processes that distinguish wood furniture manufacturing from wood product manufacturing warrant inclusion of wooden furniture manufacturing in the Furniture and Related Product Manufacturing subsector. Metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in Subsector 332, Fabricated Metal Product Manufacturing. The molding process for plastics furniture is similar to the molding of other plastics products. However, plastics furniture producing establishments tend to specialize in furniture.

NAICS attempts to keep furniture manufacturing together, but there are two notable exceptions: seating for transportation equipment and laboratory and hospital furniture. These exceptions are related to that fact that some of the aspects of the production process for these products, primarily the design, are highly integrated with that of other manufactured goods, namely motor vehicles and health equipment.

3371 HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTURING

This industry group comprises establishments manufacturing household-type furniture, such as living room, kitchen and bedroom furniture and institutional (i.e., public building) furniture, such as furniture for schools, theaters, and churches.

33711 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

337110 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

33712 HOUSEHOLD AND INSTITUTIONAL FURNITURE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing household-type and public building furniture (i.e., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337121 UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing upholstered household-type furniture. The furniture may be made on a stock or custom basis.

337122 NONUPHOLSTERED WOOD HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonupholstered wood household-type furniture and freestanding cabinets (except television, radio, and sewing machine cabinets). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337124 METAL HOUSEHOLD FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal household-type furniture and freestanding cabinets. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337125 HOUSEHOLD FURNITURE (EXCEPT WOOD AND METAL) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing household-type furniture of materials other than wood or metal, such as plastics, reed, rattan, wicker, and fiberglass. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337127 INSTITUTIONAL FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing institutional-type furniture (e.g., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337129 WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood cabinets used as housings by television, stereo, loudspeaker, and sewing machine manufacturers.

3372 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

33721 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337211 WOOD OFFICE FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337212 CUSTOM ARCHITECTURAL WOODWORK AND MILLWORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing custom designed interiors consisting of architectural woodwork and fixtures utilizing wood, wood products, and plastics laminates. All of the industry output is made to individual order on a job shop basis and requires skilled craftsmen as a labor input. A job might include custom manufacturing of display fixtures, gondolas, wall shelving units, entrance and window architectural detail, sales and reception counters, wall paneling, and matching furniture.

337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337215 SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood and nonwood office and store fixtures, shelving, lockers, frames, partitions, and related fabricated products of wood and nonwood materials, including plastics laminated fixture tops. The products are made on a stock basis and may be assembled or unassembled (i.e., knockdown). Establishments exclusively making furniture parts (e.g., frames) are included in this industry.

337211 WOOD OFFICE FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

3379 OTHER FURNITURE RELATED PRODUCT MANUFACTURING

This industry group comprises establishments manufacturing furniture related products, such as mattresses, blinds, and shades.

33791 MATTRESS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

337910 MATTRESS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

33792 BLIND AND SHADE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following: venetian blinds, other window blinds, shades; curtain and drapery rods, poles; and/or curtain and drapery fixtures. The blinds and shades may be made on a stock or custom basis and may be made of any material.

337920 BLIND AND SHADE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing one or more of the following:

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1. venetian blinds, other window blinds, shades;
 2. curtain and drapery rods, poles; and/or
 3. curtain and drapery fixtures.

The blinds and shades may be made on a stock or custom basis and may be made of any material.

339 MISCELLANEOUS MANUFACTURING

Industries in the Miscellaneous Manufacturing subsector make a wide range of products that cannot readily be classified in specific NAICS subsectors in manufacturing. Processes used by these establishments vary significantly, both among and within industries. For example, a variety of manufacturing processes are used in manufacturing sporting and athletic goods that include products, such as tennis racquets and golf balls. The processes for these products differ from each other, and the processes differ significantly from the fabrication processes used in making dolls or toys, the melting and shaping of precious metals to make jewelry, and the bending, forming, and assembly used in making medical products.

The industries in this subsector are defined by what is made rather than how it is made. Although individual establishments might be appropriately classified elsewhere in the NAICS structure, for historical continuity, these product-based industries were maintained. In most cases, no one process or material predominates for an industry.

Establishments in this subsector manufacture products as diverse as medical equipment and supplies, jewelry, sporting goods, toys, and office supplies.

3391 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

33911 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

339111 LABORATORY APPARATUS AND FURNITURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing laboratory apparatus and laboratory and hospital furniture (except dental). Examples of products made by these establishments are hospital beds, operating room tables, laboratory balances and scales, furnaces, ovens, centrifuges, cabinets, cases, benches, tables, and stools.

For this industry, the 1997 Economic Census did not fully implement the conversion to NAICS. The data from 1997 to 2001 for NAICS industry 339111 did not include establishments primarily engaged in the manufacture of hospital beds and other hospital furniture. These establishments are included in the 2002 Economic Census data.

339112 SURGICAL AND MEDICAL INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus (except electrotherapeutic, electro-medical and irradiation apparatus). Examples of products made by these establishments are syringes, hypodermic needles, anesthesia apparatus, blood transfusion equipment, catheters, surgical clamps, and medical thermometers.

339113 SURGICAL APPLIANCE AND SUPPLIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing surgical appliances and supplies. Examples of products made by these establishments are orthopedic devices, prosthetic appliances, surgical dressings, crutches, surgical sutures, and personal industrial safety devices (except protective eyewear).

339114 DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing dental equipment and supplies used by dental laboratories and offices of dentists, such as dental chairs, dental instrument delivery systems, dental hand instruments, and dental impression material and dental cements.

339115 OPHTHALMIC GOODS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ophthalmic goods. Examples of products made by these establishments are prescription eyeglasses (except manufactured in a retail setting), contact lenses, sunglasses, eyeglass frames, reading glasses made to standard powers, and protective eyewear.

339116 DENTAL LABORATORIES

This U.S. industry comprises establishments primarily engaged in manufacturing dentures, crowns, bridges, and orthodontic appliances customized for individual application.

3399 OTHER MISCELLANEOUS MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Jewelry and silverware manufacturing;
2. Sporting and athletic goods manufacturing;
3. Doll, toy, and game manufacturing;
4. Office supplies (except paper) manufacturing;
5. Sign manufacturing; and/or
6. All other miscellaneous manufacturing.

33991 JEWELRY AND SILVERWARE MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing, engraving, chasing, or etching jewelry;
2. manufacturing metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
3. manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter cutlery and flatware;
4. manufacturing, engraving, chasing, or etching personal metal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
5. stamping coins;
6. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
7. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
8. recutting, repolishing, and setting gem stones; and

9. drilling, sawing, and peeling cultured and costume pearls.

339911 JEWELRY (EXCEPT COSTUME) MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, or etching precious metal solid or precious metal clad jewelry;
2. manufacturing, engraving, chasing, or etching personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases) made of precious solid or clad metal; and
3. stamping coins.

339912 SILVERWARE AND HOLLOWWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter flatware and other hollowware.

339913 JEWELERS' MATERIAL AND LAPIDARY WORK MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
2. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
3. recutting, repolishing, and setting gem stones; and
4. drilling, sawing, and peeling cultured pearls.

339914 COSTUME JEWELRY AND NOVELTY MANUFACTURING

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, and etching costume jewelry; and/or
2. manufacturing, engraving, chasing, or etching nonprecious metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases).

This industry includes establishments primarily engaged in manufacturing precious plated jewelry and precious plated personal goods.

33992 SPORTING AND ATHLETIC GOODS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

339920 SPORTING AND ATHLETIC GOODS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

33993 DOLL, TOY, AND GAME MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing dolls, toys, and games, such as complete dolls, doll parts, doll clothes, action figures, toys, games (including electronic), hobby kits, and children's vehicles (except metal bicycles and tricycles).

339931 DOLL AND STUFFED TOY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing complete dolls, doll parts, and doll clothes; action figures; and stuffed toys.

339932 GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing games (including electronic), toys, and children's vehicles (except bicycles and metal tricycles).

33994 OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing office supplies. Examples of products made by these establishments are pens, pencils, felt tip markers, crayons, chalk, pencil sharpeners, staplers, hand operated stamps, modeling clay, and inked ribbons.

339941 PEN AND MECHANICAL PENCIL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing pens, ballpoint pen refills and cartridges, mechanical pencils, and felt tipped markers.

339942 LEAD PENCIL AND ART GOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonmechanical pencils and art goods. Examples of products made by these establishments are pencil leads, crayons, chalk, framed blackboards, pencil sharpeners, staplers, artists' palettes and paints, and modeling clay.

339943 MARKING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing marking devices, such as hand operated stamps, embossing stamps, stamp pads, and stencils.

339944 CARBON PAPER AND INKED RIBBON MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing carbon paper and inked ribbons.

33995 SIGN MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

339950 SIGN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

33999 ALL OTHER MISCELLANEOUS MANUFACTURING

This industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), and signs).

339991 GASKET, PACKING, AND SEALING DEVICE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gaskets, packing, and sealing devices of all materials.

339992 MUSICAL INSTRUMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing musical instruments (except toys).

339993 FASTENER, BUTTON, NEEDLE, AND PIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fasteners, buttons, needles, pins, and buckles (except precious metals or precious and semiprecious stones and gems).

339994 BROOM, BRUSH, AND MOP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing brooms, mops, and brushes.

339995 BURIAL CASKET MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing burial caskets, cases, and vaults (except concrete).

339999 ALL OTHER MISCELLANEOUS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), musical instruments, fasteners, buttons, needles, pins, brooms, brushes, mops, and burial caskets).

Appendix C.

Methodology

SOURCES OF THE DATA

The manufacturing sector includes approximately 350,000 establishments. This number includes those industries in the North American Industry Classification System (NAICS) definition of manufacturing. The amount of information requested from manufacturing establishments was dependent upon a number of factors. The more important considerations were the size of the company and whether it was included in the Annual Survey of Manufactures (ASM).

Establishments in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:

- a. ASM sample establishments. This group accounts for approximately 15 percent of all manufacturing establishments. The ASM panel covers all the units of large manufacturing establishments, as well as a sample of the medium and smaller establishments. The probability of selection was proportionate to size. For more information, see the Description of the ASM Survey Sample.

In an economic census year, the ASM report form (MA-10000) replaces the first page of the regular census form for those establishments included in the ASM. In addition to information on employment, payroll, and other items normally requested on the regular census form, establishments in the ASM sample were requested to supply additional information on gross book value of assets and capital expenditures. ASM establishments were also requested to provide information on retirements, depreciation, rental payments, and supplemental labor costs. For establishments not included in the ASM, these additional items were estimated using relationships observed in the ASM establishment data. The census statistics for these variables are a sum of the ASM establishment data and the estimated data for non-ASM establishments. ASM establishments were also requested to provide information for selected purchased services. The census statistics for the purchased service items were derived solely from the ASM establishments. See Appendix A. Explanation of Terms, for an explanation of these items. The census part of the report form is 1 of 220 versions containing product, material, and special inquiries. The diversity of manufacturing activities necessitated the use of this many forms to canvass the 473 manufacturing industries. Each form was developed for a group of related industries.

Appearing on each form was a list of products primary to the group of related industries, as well as secondary products and miscellaneous services that establishments classified in these industries were likely to perform. Respondents were requested to identify the products, the value of each product, and, in certain cases, the quantity of the product shipped during the survey year. Space also was provided for the respondent to describe products not specifically identified on the form.

The report form also contained a materials-consumed inquiry, which varied from form to form depending on the industries being canvassed. The respondents were asked to review a list of materials generally used in their production processes. From this list, each establishment was requested to identify those materials consumed during the survey year, the cost of each, and, in certain cases, the quantity consumed. Once again, space was provided

for the respondent to describe significant materials not listed on the form.

A wide variety of special inquiries were included to measure activities peculiar to a given industry, such as operations performed and equipment used.

- b. Large and medium establishments (non-ASM). Approximately 30 percent of all manufacturing establishments were included in this group. A variable cutoff, based on administrative-record payroll data and determined on an industry-by-industry basis, was used to select those establishments that were to receive 1 of the 220 economic census — manufacturing regular forms. The first page, requesting establishment data for items such as employment and payroll, was standard but did not contain the detailed statistics included on the ASM form. The product, material, and special inquiry sections supplied were based on the historical industry classification of the establishment.
- c. Small single-establishment companies (non-ASM). This group includes approximately 15 percent of all manufacturing establishments. For those industries where application of the variable cutoff for administrative-record cases resulted in a large number of small establishments being included in the mail canvass, an abbreviated “short form” was used. These establishments received 1 of the 31 versions of the short form, which requested summary product and material data and totals but no details on employment, payroll, cost of materials, inventories, and capital expenditures.

Use of the short form has no adverse effect on published totals for the industry statistics, because the same data were collected on the short form as on the long form. However, detailed information on products and materials consumed was not collected on the short form; thus, its use would increase the value of the “not specified by kind” (nsk) categories.

2. Establishments not sent a report form:

- a. Small single-establishment companies not sent a report form. Approximately 40 percent of the manufacturing establishments were small single-establishment companies that were excused from filing a census report. Selection of these establishments was based on two factors: annual payroll and the Census Bureau’s ability to assign the correct six-digit NAICS industry classification to the establishment. For each six-digit NAICS industry code, an annual payroll cutoff was determined. These cutoffs were derived so that the establishments with payroll less than the cutoff were expected to account for no more than 3 percent of the value of shipments for the industry. Generally, all single-establishment companies with less than 5 employees were excused, while all establishments with more than 20 employees were mailed forms. Establishments below the cutoff that could not be directly assigned a six-digit NAICS code were mailed a classification report that requested information for assigning NAICS industry codes. Establishments below the cutoff that could be directly assigned a six-digit NAICS code were excused from filing any report. For below cutoff establishments, information on the physical location, payroll, and receipts was obtained from the administrative records of other federal agencies under special arrangements that safeguarded their confidentiality.

Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The value of shipments and cost of materials were not distributed among specific products and materials for these establishments, but were included in the product and material “not specified by kind” (nsk) categories.

The industry classification codes included in the administrative-record files were assigned on the basis of brief descriptions of the general activity of the establishment. As a result, an indeterminate number of establishments were erroneously coded to a six-digit NAICS industry. This was especially true whenever there was a relatively fine line of demarcation between industries or between manufacturing and nonmanufacturing activity.

Sometimes the administrative-record cases had only two- or three-digit NAICS group classification codes available in the files. For manufacturing, these establishments were sent a

separate classification form, which requested information on the products and services of the establishment. This form was used to code many of these establishments to the appropriate six-digit NAICS level. Establishments that did not return the classification form were coded later to those six-digit NAICS industries identified as “All other” industries within the given subsector.

As a result of these situations, a number of small establishments may have been misclassified by industry. However, such possible misclassification has no significant effect on the statistics, other than on the number of companies and establishments.

The total establishment count for individual industries should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 employees or more are far more reliable than the count of total number of establishments.

- b. All nonemployers, i.e., all firms subject to federal income tax, with no paid employees, during 2002 are excluded as in previous censuses. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments covered in the 2002 Economic Census — Manufacturing are classified in 1 of 473 industries in accordance with the industry definitions in the *North American Industry Classification System (NAICS), United States, 2002* manual. There were no changes between the 2002 edition and the 1997 edition affecting this sector. When applicable, Appendix F of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 2002, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. There are 1,450 product classes (seven-digit codes), 5,674 census products, and an additional 3,746 ten-digit product codes. The ten-digit products are considered the primary products of the industry with the same first six digits.

For the 2002 Economic Census — Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 2002, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

As previously noted, the small establishments that may have been misclassified by industry are usually administrative-record cases whose industry codes were assigned on the basis of incomplete descriptions of the general activity of the establishment. Such possible misclassifications have no significant effect on the statistics other than on the number of companies and establishments.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments that may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry's output should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the primary product specialization ratio and the coverage ratio. The primary product specialization ratio is the proportion of industry shipments accounted for by the primary products of establishments classified in the industry. The coverage ratio is the proportion of product shipments accounted for by establishments classified in the industry.

ESTABLISHMENT BASIS OF REPORTING

The 2002 Economic Census — Manufacturing is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment. The ASM also is conducted on an establishment basis, but separate reports are filed for just those establishments selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports, if the plant records permit such a separation and if the activities are substantial in size.

In 2002, as in earlier years, a minimum size limit was set for inclusion of establishments in the census. All establishments employing one person or more at any time during the census year are included. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures, except for data on number of establishments for a few industries.

The 2002 Economic Census — Manufacturing excludes data for central administrative offices (CAOs). These would include separately operated administrative offices, warehouses, garages, and other auxiliary units that service manufacturing establishments of the same company. These data are published in a separate report series.

DESCRIPTION OF THE ASM SURVEY SAMPLE

The ASM sample is drawn for the second survey year after a census. The most recent sample was drawn for the 1999 survey year based on the 1997 Economic Census — Manufacturing. This sample will be in place through the 2003 ASM.

In 1997, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the establishments in the 1997 manufacturing population were partitioned into two components for developing estimates within the ASM. The details of each are described below:

1. Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies

that operate at more than one physical location). Approximately 200,000 of the 370,000 establishments in the 1997 census were assigned to the mail stratum. On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1999 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1997 census. Supplemental samples representing both 1998 and 1999 births (newly active establishments that were not included in the 1997 census) were also selected. Establishments selected for the sample are mailed an ASM survey questionnaire for each year through 2003.

The 1999-2003 ASM sample design is similar to the one used since 1984. Companies in the 1997 Economic Census — Manufacturing with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1999-2003 sample, there are approximately 500 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. Across these arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1997 Economic Census — Manufacturing.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1997 industry classification and its 1997 product class data. For each product class (1,755) and six-digit industry (473), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints, while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by the Census Bureau's primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) that permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

2. Nonmail stratum. The initial nonmail component of the survey was comprised of approximately 170,000 small, single-establishment companies that were tabulated as administrative records in the 1997 Economic Census — Manufacturing. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the Internal Revenue Service (IRS) and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum. For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census. The following are two ways that further explain this method: ASM Estimating Procedure. Most of the ASM

estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1997 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the “difference” between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1998-2002 ASM estimates, the 1997 Economic Census — Manufacturing values serve as the base year. For the 2003 ASM, the base will be updated to be the 2002 Economic Census — Manufacturing.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contained approximately 170,000 individual establishments in 1999, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication. ASM Data Qualifications. The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists, but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

- From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
- From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS

The 2002 Economic Census — Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or company. However, the number of establishments in a specific industry or geographic area is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

The disclosure analysis for the industry statistics files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. Nonetheless, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures, which can be suppressed even though value of shipments data are published.

Appendix D.

Geographic Notes

FLORIDA

Miami-Dade County renamed from Dade County in November 1997.

Apalachicola is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Franklin County.

Blountstown is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Calhoun County.

Bonita Springs incorporated in December 1999. This change deletes territory from the Balance of Lee County.

Bowling Green is now tabulated separately due to a population increase. This change deletes territory from the Balance of Hardee County.

Cedar Grove is now tabulated separately due to a population increase. This change deletes territory from the Balance of Bay County.

Dania Beach name changed from Dania in November 1998. The code for Dania Beach is shown incorrectly as 16325; the correct code is 16335.

Eatonville is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Orange County.

El Portal is now tabulated separately due to a population increase. This change deletes territory from the Balance of Miami-Dade County.

Fellsmere is now tabulated separately due to a population increase. This change deletes territory from the Balance of Indian River County.

Flagler Beach is in Flagler and Volusia Counties; it annexed into Volusia County in October 1996, but this change was not submitted to the Census Bureau until October 1997. This change deletes territory from the Balance of Volusia County.

Fort Myers Beach incorporated in December 1995, but this change was not submitted to the Census Bureau until October 1998. This change deletes territory from the Balance of Lee County.

Graceville is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Jackson County.

Hallandale Beach (28452) name and code changed from Hallandale (28450) in August 1999.

Hilliard is now tabulated separately due to a population increase. This change deletes territory from the Balance of Nassau County.

Indian River Shores is now tabulated separately due to a population increase. This change deletes territory from the Balance of Indian River County.

Islamorada, Village of Islands incorporated in December 1997. This change deletes territory from the Balance of Monroe County.

Jacksonville (35000) was erroneously reported as a consolidated city; name and code changed from Jacksonville (remainder) (35006) in 1998. This change creates a Balance of Duval County, which equals the area of Baldwin.

Jacksonville (remainder) no longer exists; now reported as Jacksonville but no longer includes Baldwin, which is equal to Balance of Duval County.

Juno Beach is now tabulated separately due to a population increase. This change deletes territory from the Balance of Palm Beach County.

LaBelle name corrected from La Belle in April 2000.

Longboat Key is in Manatee and Sarasota Counties.

Malabar is now tabulated separately due to a population increase. This change deletes territory from the Balance of Brevard County.

Marathon incorporated in November 1999. This change deletes territory from the Balance of Monroe County.

Marco Island incorporated in August 1997. This change deletes territory from the Balance of Collier County.

Mascotte is now tabulated separately due to a population increase. This change deletes territory from the Balance of Lake County.

Miami Lakes incorporated in December 2000. This change deletes territory from the Balance of Miami-Dade County.

Minneola is now tabulated separately due to a population increase. This change deletes territory from the Balance of Lake County.

Newberry is now tabulated separately due to a population increase. This change deletes territory from the Balance of Alachua County.

Palm Coast incorporated in December 1999. This change deletes territory from the Balance of Flagler County.

Pinecrest code changed from 56560 to 56625.

Ponce Inlet is now tabulated separately due to a population increase. This change deletes territory from the Balance of Volusia County.

Southwest Ranches incorporated in June 2000. This change deletes territory from the Balance of Broward County.

Sunny Isles Beach incorporated in June 1997. This change deletes territory from the Balance of Miami-Dade County.

Umatilla is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Lake County.

Balance of Alachua County no longer includes Newberry, which is tabulated separately due to a population increase.

Balance of Bay County no longer includes Cedar Grove, which is tabulated separately due to a population increase.

Balance of Brevard County no longer includes Malabar, which is tabulated separately due to a population increase.

Balance of Broward County lost territory due to the incorporation of Southwest Ranches.

Balance of Calhoun County includes Blountstown, which is no longer tabulated separately due to a population decrease.

Balance of Collier County lost territory due to the incorporation of Marco Island.

Balance of Duval County, equal to the area of Baldwin, is the result of the correction eliminating Jacksonville (consolidated city) in 1998.

Balance of Flagler County lost territory due to the incorporation of Palm Coast.

Balance of Franklin County includes Apalachicola, which is no longer tabulated separately due to a population decrease.

Balance of Hardee County no longer includes Bowling Green, which is tabulated separately due to a population increase.

Balance of Indian River County no longer includes Fellsmere and Indian River Shores, which are tabulated separately due to a population increase.

Balance of Jackson County includes Graceville, which is no longer tabulated separately due to a population decrease.

Balance of Lake County includes Umatilla, which is no longer tabulated separately due to a population decrease and no longer includes Mascotte and Minneola, which are tabulated separately due to a population increase.

Balance of Lee County lost territory due to the incorporations of Bonita Springs and Fort Myers Beach.

Balance of Miami-Dade County changed name from Balance of Dade County as a result of county name change in 1997. Balance of Miami-Dade lost territory due to the incorporations of Miami Lakes and Sunny Isles Beach and also no longer includes El Portal, which is tabulated separately due to a population increase.

Balance of Monroe County lost territory due to the incorporations of Islamorada, Village of Islands and Marathon.

Balance of Nassau County no longer includes Hilliard, which is tabulated separately due to a population increase.

Balance of Orange County includes Eatonville, which is no longer tabulated separately due to a population decrease.

Balance of Palm Beach County no longer includes Juno Beach, which is tabulated separately due to a population increase.

Balance of Volusia County lost territory due to the annexation of Flagler Beach into the county and no longer includes Ponce Inlet, which is tabulated separately due to a population increase.

Appendix E.

Metropolitan and Micropolitan Statistical Areas

DELTONA-DAYTONA BEACH-PALM COAST, FL COMBINED STATISTICAL AREA

Deltona-Daytona Beach-Ormond Beach, FL Metropolitan Statistical Area

Volusia County, FL

Palm Coast, FL Micropolitan Statistical Area

Flagler County, FL

ORLANDO-THE VILLAGES, FL COMBINED STATISTICAL AREA

Orlando, FL Metropolitan Statistical Area

Lake County, FL

Orange County, FL

Osceola County, FL

Seminole County, FL

The Villages, FL Micropolitan Statistical Area

Sumter County, FL

ARCADIA, FL MICROPOLITAN STATISTICAL AREA

DeSoto County, FL

CAPE CORAL-FORT MYERS, FL METROPOLITAN STATISTICAL AREA

Lee County, FL

CLEWISTON, FL MICROPOLITAN STATISTICAL AREA

Hendry County, FL

FORT WALTON BEACH-CRESTVIEW-DESTIN, FL METROPOLITAN STATISTICAL AREA

Okaloosa County, FL

GAINESVILLE, FL METROPOLITAN STATISTICAL AREA

Alachua County, FL

Gilchrist County, FL

HOMOSASSA SPRINGS, FL MICROPOLITAN STATISTICAL AREA

Citrus County, FL

JACKSONVILLE, FL METROPOLITAN STATISTICAL AREA

Baker County, FL

Clay County, FL

Duval County, FL

Nassau County, FL

St. Johns County, FL

KEY WEST-MARATHON, FL MICROPOLITAN STATISTICAL AREA

Monroe County, FL

LAKE CITY, FL MICROPOLITAN STATISTICAL AREA

Columbia County, FL

LAKELAND-WINTER HAVEN, FL METROPOLITAN STATISTICAL AREA

Polk County, FL

MIAMI-FORT LAUDERDALE-MIAMI BEACH, FL METROPOLITAN STATISTICAL AREA

Fort Lauderdale-Pompano Beach-Deerfield Beach, FL Metropolitan Division

Broward County, FL

Miami-Miami Beach-Kendall, FL Metropolitan Division

Miami-Dade County, FL

West Palm Beach-Boca Raton-Boynton Beach, FL Metropolitan Division

Palm Beach County, FL

NAPLES-MARCO ISLAND, FL METROPOLITAN STATISTICAL AREA

Collier County, FL

OCALA, FL METROPOLITAN STATISTICAL AREA

Marion County, FL

OKEECHOBEE, FL MICROPOLITAN STATISTICAL AREA

Okeechobee County, FL

PALATKA, FL MICROPOLITAN STATISTICAL AREA

Putnam County, FL

PALM BAY-MELBOURNE-TITUSVILLE, FL METROPOLITAN STATISTICAL AREA

Brevard County, FL

PANAMA CITY-LYNN HAVEN, FL METROPOLITAN STATISTICAL AREA

Bay County, FL

PENSACOLA-FERRY PASS-BRENT, FL METROPOLITAN STATISTICAL AREA

Escambia County, FL

Santa Rosa County, FL

PORT ST. LUCIE-FORT PIERCE, FL METROPOLITAN STATISTICAL AREA

Martin County, FL

St. Lucie County, FL

PUNTA GORDA, FL METROPOLITAN STATISTICAL AREA

Charlotte County, FL

SARASOTA-BRADENTON-VENICE, FL METROPOLITAN STATISTICAL AREA

Manatee County, FL

Sarasota County, FL

SEBRING, FL MICROPOLITAN STATISTICAL AREA

Highlands County, FL

TALLAHASSEE, FL METROPOLITAN STATISTICAL AREA

Gadsden County, FL

Jefferson County, FL

Leon County, FL

Wakulla County, FL

TAMPA-ST. PETERSBURG-CLEARWATER, FL METROPOLITAN STATISTICAL AREA

Hernando County, FL

Hillsborough County, FL

Pasco County, FL

Pinellas County, FL

VERO BEACH, FL METROPOLITAN STATISTICAL AREA

Indian River County, FL

WAUCHULA, FL MICROPOLITAN STATISTICAL AREA

Hardee County, FL

