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2002 Economic Census

Manufacturing

Geographic Area Series



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Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

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

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

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

INDUSTRY CLASSIFICATIONS

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

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

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

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

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

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

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

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

BASIS OF REPORTING

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

GEOGRAPHIC AREA CODING

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

AVAILABILITY OF ADDITIONAL DATA

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

HISTORICAL INFORMATION

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

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

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

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

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

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

SOURCES FOR MORE INFORMATION

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

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Manufacturing

SCOPE

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

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

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

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

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

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

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

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

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

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

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

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

REPORTS

The following reports provide statistics on this sector:

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

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

Subject Series:

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

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

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

GEOGRAPHIC AREAS COVERED

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

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

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

DOLLAR VALUES

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

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

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

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

RELIABILITY OF DATA

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

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

DISCLOSURE

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

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

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

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

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

CONTACTS FOR DATA USERS

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

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

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

Table 1. Industry Statistics for the State: 2002

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TEXAS													
31-33	Manufacturing	-	'21 450	6 335	'855 658	'34 105 193	'588 198	'1 178 189	'19 226 054	'124 462 554	'187 662 981	'310 815 965	'9 916 978
311	Food manufacturing	-	'1 729	462	'88 234	'2 477 144	65 926	134 309	1 618 670	'12 286 763	'15 996 867	'28 210 478	476 751
3111	Animal food manufacturing	1	118	50	3 077	104 893	2 060	4 258	61 970	538 912	1 118 025	1 646 424	16 530
31111	Animal food manufacturing	1	118	50	3 077	104 893	2 060	4 258	61 970	538 912	1 118 025	1 646 424	16 530
311111	Dog and cat food manufacturing	1	12	6	501	15 956	410	827	11 302	112 285	107 328	216 793	3 976
311119	Other animal food manufacturing	1	106	44	2 576	88 937	1 650	3 431	50 668	426 627	1 010 697	1 429 631	12 554
3112	Grain and oilseed milling	1	49	26	2 296	81 300	1 661	3 636	51 531	422 952	785 133	1 192 478	20 734
31121	Flour milling and malt manufacturing	-	28	16	1 424	51 719	974	2 127	30 342	248 336	427 588	674 297	D
311211	Flour milling	-	19	10	1 052	41 056	663	1 472	21 888	184 284	294 272	478 059	D
311212	Rice milling	-	8	6	e	D	D	D	D	D	D	D	1 869
31122	Starch and vegetable fats and oils manufacturing	2	19	9	f	D	D	D	D	D	D	D	10 491
311223	Other oilseed processing	6	8	4	e	D	D	D	D	D	D	D	7 163
311225	Fats and oils refining and blending	-	6	3	331	12 115	277	616	9 633	67 459	157 949	224 536	D
3113	Sugar and confectionery product manufacturing	-	85	14	3 460	109 456	2 557	4 971	85 058	864 660	447 365	1 309 863	12 666
31131	Sugar manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311311	Sugarcane mills	-	1	1	f	D	D	D	D	D	D	D	D
311312	Cane sugar refining	-	1	1	e	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	-	44	6	g	D	D	D	D	D	D	D	8 724
311330	Confectionery manufacturing from purchased chocolate ..	-	44	6	g	D	D	D	D	D	D	D	8 724
31134	Nonchocolate confectionery manufacturing	3	37	4	502	11 069	448	728	9 201	39 711	19 116	58 809	1 878
311340	Nonchocolate confectionery manufacturing	3	37	4	502	11 069	448	728	9 201	39 711	19 116	58 809	1 878
3114	Fruit and vegetable preserving and specialty food manufacturing	1	94	37	6 294	168 805	5 418	10 988	125 563	978 679	595 591	1 574 962	47 784
31141	Frozen food manufacturing	1	33	15	3 287	76 134	2 980	6 157	61 673	190 187	107 820	299 454	25 083
311411	Frozen fruit, juice, and vegetable manufacturing ...	2	8	5	997	17 963	923	1 726	14 461	54 347	24 621	80 384	D
311412	Frozen specialty food manufacturing	1	25	10	2 290	58 171	2 057	4 431	47 212	135 840	83 199	219 070	D
31142	Fruit and vegetable canning, pickling, and drying	1	61	22	3 007	92 671	2 438	4 831	63 890	788 492	487 771	1 275 508	22 701
311421	Fruit and vegetable canning .	3	41	14	1 310	37 969	1 019	2 114	25 206	135 215	129 943	265 266	7 146
311422	Specialty canning	-	14	6	1 424	44 921	1 214	2 356	33 652	625 324	275 457	900 764	14 128
311423	Dried and dehydrated food manufacturing	1	6	2	273	9 781	205	361	5 032	27 953	82 371	109 478	1 427
3115	Dairy product manufacturing	1	67	37	6 854	241 698	3 517	7 288	110 471	1 212 719	1 764 453	2 975 365	67 548
31151	Dairy product (except frozen) manufacturing	1	42	33	5 442	194 025	2 551	5 293	79 084	864 494	1 559 117	2 424 204	55 916
311511	Fluid milk manufacturing	1	26	25	4 832	176 075	2 077	4 290	66 941	817 813	1 223 159	2 045 537	42 095
311512	Creamery butter manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	5	8	3	c	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	7	4	287	8 518	220	503	5 511	18 644	157 467	175 782	1 715
31152	Ice cream and frozen dessert manufacturing	2	25	4	1 412	47 673	966	1 995	31 387	348 225	205 336	551 161	11 632
311520	Ice cream and frozen dessert manufacturing	2	25	4	1 412	47 673	966	1 995	31 387	348 225	205 336	551 161	11 632
3116	Animal slaughtering and processing	-	'282	107	'38 463	'917 771	32 514	67 918	700 842	'2 994 049	'8 851 740	'11 814 749	139 555
31161	Animal slaughtering and processing	-	'282	107	'38 463	'917 771	32 514	67 918	700 842	'2 994 049	'8 851 740	'11 814 749	139 555
311611	Animal (except poultry) slaughtering	-	125	29	15 003	389 029	13 123	29 474	314 843	706 369	5 754 135	6 435 067	54 796
311612	Meat processed from carcasses	1	'109	47	'7 789	'221 842	6 306	12 926	149 664	'592 623	'1 465 279	'2 056 309	51 680
311613	Rendering and meat byproduct processing	-	16	9	683	21 200	470	820	13 992	76 561	55 403	131 707	4 072
311615	Poultry processing	-	32	22	14 988	285 700	12 615	24 698	222 343	1 618 496	1 576 923	3 191 666	29 007
3117	Seafood product preparation and packaging	2	28	12	1 345	25 510	1 043	1 582	15 799	68 399	114 328	182 828	4 132
31171	Seafood product preparation and packaging	2	28	12	1 345	25 510	1 043	1 582	15 799	68 399	114 328	182 828	4 132
311712	Fresh and frozen seafood processing	2	28	12	1 345	25 510	1 043	1 582	15 799	68 399	114 328	182 828	4 132
3118	Bakeries and tortilla manufacturing	1	751	114	17 694	522 167	10 578	20 416	271 298	1 625 027	986 771	2 607 905	79 414
31181	Bread and bakery product manufacturing	1	612	78	13 683	404 702	7 397	14 330	191 279	1 027 668	679 962	1 706 967	54 506
311811	Retail bakeries	4	483	35	3 219	49 181	1 831	2 464	26 111	97 221	49 736	146 536	4 424
311812	Commercial bakeries	-	119	38	9 294	322 118	4 566	9 796	142 493	836 535	543 882	1 381 019	34 189
311813	Frozen cakes, pies, and other pastries manufacturing	2	10	5	1 170	33 403	1 000	2 070	22 675	93 912	86 344	179 412	15 893

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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)
TEXAS—Con.													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing—Con.												
31182	Cookie, cracker, and pasta manufacturing	1	43	14	1 748	63 763	1 283	2 948	40 755	425 639	209 896	632 521	16 012
311821	Cookie and cracker manufacturing	4	15	3	363	8 560	240	535	4 652	28 368	21 257	49 643	894
311822	Flour mixes and dough manufacturing from purchased flour	1	19	10	1 338	53 569	1 009	2 346	35 088	391 859	182 604	571 528	14 962
31183	Tortilla manufacturing	3	96	22	2 263	53 702	1 898	3 138	39 264	171 720	96 913	268 417	8 896
311830	Tortilla manufacturing	3	96	22	2 263	53 702	1 898	3 138	39 264	171 720	96 913	268 417	8 896
3119	Other food manufacturing	—	255	65	8 751	305 544	6 578	13 252	196 138	3 581 366	1 333 461	4 905 904	88 388
31191	Snack food manufacturing	—	42	14	2 970	92 419	2 300	4 424	65 140	877 997	389 793	1 259 053	D
311911	Roasted nuts and peanut butter manufacturing	1	8	3	227	7 637	152	348	3 576	31 018	52 596	83 641	D
311919	Other snack food manufacturing	—	34	11	2 743	84 782	2 148	4 076	61 564	846 979	337 197	1 175 412	D
31192	Coffee and tea manufacturing	1	12	4	776	36 709	2 595	1 190	25 097	212 329	175 804	390 144	10 479
311920	Coffee and tea manufacturing	1	12	4	776	36 709	2 595	1 190	25 097	212 329	175 804	390 144	10 479
31193	Flavoring syrup and concentrate manufacturing	—	11	5	e	D	D	D	D	D	D	D	D
311930	Flavoring syrup and concentrate manufacturing	—	11	5	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	1	37	18	1 943	82 112	1 278	2 682	41 934	379 925	394 289	770 707	21 169
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	—	18	9	914	36 254	705	1 421	24 320	189 920	193 520	383 378	10 891
311942	Spice and extract manufacturing	2	19	9	1 029	45 858	573	1 261	17 614	190 005	200 769	387 329	10 278
31199	All other food manufacturing	5	153	24	h	D	D	D	D	D	D	D	12 912
311991	Perishable prepared food manufacturing	6	43	18	g	D	D	D	D	D	D	D	4 531
311999	All other miscellaneous food manufacturing	3	110	6	1 006	33 438	748	1 606	21 952	145 638	114 036	259 658	8 381
312	Beverage and tobacco product manufacturing	2	130	57	10 401	421 074	4 993	10 478	176 664	2 928 799	2 782 759	5 704 605	177 591
3121	Beverage manufacturing	2	126	54	10 230	417 540	4 873	10 270	174 782	2 918 142	2 775 091	5 686 305	177 365
31211	Soft drink and ice manufacturing	1	97	46	8 028	305 870	3 176	6 687	98 424	1 509 519	2 037 702	3 538 362	100 534
312111	Soft drink manufacturing	1	39	32	6 776	272 678	2 827	5 978	89 141	1 247 289	1 987 585	3 227 134	91 410
312112	Bottled water manufacturing	—	18	5	501	17 574	153	341	5 689	211 770	41 136	251 740	6 550
312113	Ice manufacturing	1	40	9	751	15 618	196	368	3 594	50 460	8 981	59 488	2 574
31212	Breweries	3	10	4	g	D	D	D	D	D	D	D	D
312120	Breweries	3	10	4	g	D	D	D	D	D	D	D	D
31213	Wineries	3	18	4	c	D	D	D	D	D	D	D	D
312130	Wineries	3	18	4	c	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	4	3	171	3 534	120	208	1 882	10 657	7 668	18 300	226
31222	Tobacco product manufacturing	—	4	3	171	3 534	120	208	1 882	10 657	7 668	18 300	226
312229	Other tobacco product manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
313	Textile mills	1	111	28	5 175	132 469	4 471	8 931	102 532	486 603	581 601	1 095 373	24 937
3131	Fiber, yarn, and thread mills	2	12	2	106	2 008	96	192	1 589	7 732	9 798	15 968	106
31311	Fiber, yarn, and thread mills	2	12	2	106	2 008	96	192	1 589	7 732	9 798	15 968	106
3132	Fabric mills	1	49	14	2 369	66 965	2 089	4 424	54 864	170 249	159 156	346 179	9 582
31321	Broadwoven fabric mills	—	30	9	1 756	50 109	1 561	3 289	42 253	111 028	126 861	255 027	6 941
313210	Broadwoven fabric mills	—	30	9	1 756	50 109	1 561	3 289	42 253	111 028	126 861	255 027	6 941
31322	Narrow fabric mills and schiffli machine embroidery	—	8	2	e	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	—	4	2	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	1	9	2	228	7 226	192	444	5 386	13 113	14 827	28 045	1 690
313230	Nonwoven fabric mills	1	9	2	228	7 226	192	444	5 386	13 113	14 827	28 045	1 690
3133	Textile and fabric finishing and fabric coating mills	—	50	12	2 700	63 496	2 286	4 315	46 079	308 622	412 647	733 226	15 249
31331	Textile and fabric finishing mills	—	43	10	2 569	58 534	2 209	4 190	44 403	302 532	404 352	718 961	D
313311	Broadwoven fabric finishing mills	4	33	6	833	21 013	614	1 293	12 349	70 036	62 773	132 306	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	10	4	1 736	37 521	1 595	2 897	32 054	232 496	341 579	586 655	11 034
31332	Fabric coating mills	5	7	2	131	4 962	77	125	1 676	6 090	8 295	14 265	D
313320	Fabric coating mills	5	7	2	131	4 962	77	125	1 676	6 090	8 295	14 265	D
314	Textile product mills	2	433	92	7 537	164 548	6 077	11 533	106 546	348 440	334 215	680 820	7 499
3141	Textile furnishings mills	1	163	32	3 286	66 839	2 689	5 201	44 683	163 802	163 247	322 696	2 395
31411	Carpet and rug mills	1	8	1	136	4 160	89	207	2 031	8 134	4 456	12 673	46
314110	Carpet and rug mills	1	8	1	136	4 160	89	207	2 031	8 134	4 456	12 673	46
31412	Curtain and linen mills	1	155	31	3 150	62 679	2 600	4 994	42 652	155 668	158 791	310 023	2 349
314121	Curtain and drapery mills	2	108	13	1 622	31 160	1 311	2 346	20 326	50 568	63 199	114 276	771
314129	Other household textile product mills	1	47	18	1 528	31 519	1 289	2 648	22 326	105 100	95 592	195 747	1 578

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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)				
TEXAS—Con.													
314	Textile product mills—Con.												
3149	Other textile product mills	3	270	60	4 251	97 709	3 388	6 332	61 863	184 638	170 968	358 124	5 104
31491	Textile bag and canvas mills ...	3	93	18	1 511	33 856	1 184	2 045	20 220	48 509	67 594	121 169	1 256
314911	Textile bag mills	1	17	7	468	11 936	368	714	6 555	20 996	28 189	48 043	608
314912	Canvas and related product mills	4	76	11	1 043	21 920	816	1 331	13 665	27 513	39 405	73 126	648
31499	All other textile product mills ...	3	177	42	2 740	63 853	2 204	4 287	41 643	136 129	103 374	236 955	3 848
314991	Rope, cordage, and twine mills	4	18	5	436	12 878	353	695	7 797	26 474	26 517	52 803	920
314999	All other miscellaneous textile product mills	3	159	37	2 304	50 975	1 851	3 592	33 846	109 655	76 857	184 152	2 928
315	Apparel manufacturing	2	'509	'126	'17 154	'358 059	'13 693	'23 803	'245 164	'1 343 229	'1 328 893	'2 758 665	'31 585
3151	Apparel knitting mills	9	11	2	194	6 054	152	264	3 739	11 929	40 242	52 696	225
31519	Other apparel knitting mills	8	7	2	c	D	D	D	D	D	D	D	209
315191	Outerwear knitting mills	8	7	2	c	D	D	D	D	D	D	D	209
3152	Cut and sew apparel manufacturing	1	'422	'102	'14 579	'309 651	'12 088	'20 822	'216 650	'1 196 123	'1 193 599	'2 467 759	'19 620
31521	Cut and sew apparel contractors	6	'258	'35	'2 387	'36 608	'2 150	'3 632	'29 634	'64 430	'13 379	'77 773	'764
315211	Men's and boys' cut and sew apparel contractors	4	50	9	733	11 363	636	1 076	8 766	22 974	4 928	28 386	373
315212	Women's, girls', and infants' cut and sew apparel contractors	7	'208	'26	'1 654	'25 245	'1 514	'2 556	'20 868	'41 456	'8 451	'49 387	'391
31522	Men's and boys' cut and sew apparel manufacturing	1	55	29	7 411	158 990	6 273	10 005	122 963	721 798	769 186	1 551 114	15 988
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	8	14	4	687	17 615	551	1 113	13 888	44 743	173 956	243 922	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	20	16	5 245	113 768	4 549	6 789	90 528	581 717	522 226	1 140 944	13 304
315225	Men's and boys' cut and sew work clothing manufacturing	—	11	6	1 124	20 563	877	1 534	13 460	76 915	62 208	139 261	775
315228	Men's and boys' cut and sew other outerwear manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	1	77	26	3 809	95 789	2 848	5 598	51 489	380 934	388 194	785 617	2 459
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	—	8	3	f	D	D	D	D	D	D	D	170
315233	Women's and girls' cut and sew dress manufacturing ...	4	20	7	681	27 414	466	812	8 629	76 751	83 479	163 217	891
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	7	10	4	411	12 358	292	419	6 647	13 422	13 068	26 470	224
315239	Women's and girls' cut and sew other outerwear manufacturing	—	32	11	2 064	40 631	1 729	3 647	30 739	198 287	136 626	334 758	1 132
31529	Other cut and sew apparel manufacturing	1	32	12	972	18 264	817	1 587	12 564	28 961	22 840	53 255	409
315292	Fur and leather apparel manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	1	27	10	802	15 709	680	1 346	10 925	25 798	15 370	42 572	D
3159	Apparel accessories and other apparel manufacturing	1	76	22	2 381	42 354	1 453	2 717	24 775	135 177	95 052	238 210	11 740
31599	Apparel accessories and other apparel manufacturing	1	76	22	2 381	42 354	1 453	2 717	24 775	135 177	95 052	238 210	11 740
315991	Hat, cap, and millinery manufacturing	1	18	13	g	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	1	56	8	1 091	19 045	426	825	8 071	82 367	60 601	149 190	D
316	Leather and allied product manufacturing	4	140	32	4 225	100 206	3 384	6 515	58 214	178 391	199 252	384 089	4 199
3161	Leather and hide tanning and finishing	—	11	3	202	5 138	187	331	4 460	12 952	54 328	66 261	258
31611	Leather and hide tanning and finishing	—	11	3	202	5 138	187	331	4 460	12 952	54 328	66 261	258
316110	Leather and hide tanning and finishing	—	11	3	202	5 138	187	331	4 460	12 952	54 328	66 261	258
3162	Footwear manufacturing	6	47	13	2 859	70 239	2 227	4 430	38 432	104 592	110 120	222 287	3 314
31621	Footwear manufacturing	6	47	13	2 859	70 239	2 227	4 430	38 432	104 592	110 120	222 287	3 314
316212	House slipper manufacturing	2	3	3	e	D	D	D	D	D	D	D	D
316213	Men's footwear (except athletic) manufacturing	5	29	4	840	19 184	690	1 311	11 802	46 808	53 374	97 726	2 324
316214	Women's footwear (except athletic) manufacturing	9	7	3	g	D	D	D	D	D	D	D	D
316219	Other footwear manufacturing	2	7	3	148	2 761	137	270	2 118	5 505	4 855	10 270	70

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TEXAS—Con.													
316	Leather and allied product manufacturing—Con.												
3169	Other leather and allied product manufacturing	4	82	16	1 164	24 829	970	1 754	15 322	60 847	34 804	95 541	627
31699	Other leather and allied product manufacturing	4	82	16	1 164	24 829	970	1 754	15 322	60 847	34 804	95 541	627
316991	Luggage manufacturing	1	13	4	213	4 405	163	293	2 372	12 136	4 801	17 065	128
316999	All other leather goods manufacturing	4	57	11	857	18 514	726	1 295	11 654	45 718	27 536	73 009	453
321	Wood product manufacturing	2	797	273	27 934	758 374	23 149	46 758	554 253	1 780 947	2 623 713	4 395 468	96 422
3211	Sawmills and wood preservation ..	3	130	36	2 866	90 464	2 430	5 280	71 780	244 427	609 828	858 750	27 196
32111	Sawmills and wood preservation	3	130	36	2 866	90 464	2 430	5 280	71 780	244 427	609 828	858 750	27 196
321113	Sawmills	3	104	25	2 019	64 464	1 733	3 752	51 997	178 497	369 429	548 899	19 084
321114	Wood preservation	4	26	11	847	26 000	697	1 528	19 783	65 930	240 399	309 851	8 112
3212	Veneer, plywood, and engineered wood product manufacturing	2	68	41	5 230	166 059	4 315	9 481	124 171	384 577	599 417	974 442	20 235
32121	Veneer, plywood, and engineered wood product manufacturing	2	68	41	5 230	166 059	4 315	9 481	124 171	384 577	599 417	974 442	20 235
321211	Hardwood veneer and plywood manufacturing	3	10	4	149	3 536	88	185	1 713	7 414	7 080	14 612	136
321212	Softwood veneer and plywood manufacturing	3	6	5	1 867	66 419	1 712	4 001	58 250	141 884	235 162	369 843	D
321213	Engineered wood member (except truss) manufacturing	—	6	3	317	8 501	217	448	4 411	13 501	46 532	60 068	180
321214	Truss manufacturing	1	30	17	1 567	42 760	1 225	2 529	25 869	84 579	107 662	189 782	D
321219	Reconstituted wood product manufacturing	1	16	12	1 330	44 843	1 073	2 318	33 928	137 199	202 981	340 137	7 690
3219	Other wood product manufacturing	2	599	196	19 838	501 851	16 404	31 997	358 302	1 151 943	1 414 468	2 562 276	48 991
32191	Millwork	2	276	74	7 347	191 955	6 077	12 205	135 448	499 419	661 360	1 160 027	25 637
321911	Wood window and door manufacturing	3	94	24	3 080	81 940	2 407	5 003	51 829	229 929	298 250	526 278	8 085
321912	Cut stock, resawing lumber, and planing	—	42	16	1 359	32 856	1 181	2 299	25 638	68 110	157 113	228 094	5 528
321918	Other millwork (including flooring)	3	140	34	2 908	77 159	2 489	4 903	57 981	201 380	205 997	405 655	12 024
32192	Wood container and pallet manufacturing	1	152	47	3 320	77 174	2 877	5 737	58 704	161 071	187 782	348 949	7 059
321920	Wood container and pallet manufacturing	1	152	47	3 320	77 174	2 877	5 737	58 704	161 071	187 782	348 949	7 059
32199	All other wood product manufacturing	2	171	75	9 171	232 722	7 450	14 055	164 150	491 453	565 326	1 053 300	16 295
321991	Manufactured home (mobile home) manufacturing	1	40	33	5 922	150 835	4 694	8 830	101 011	301 256	402 169	699 150	6 966
321992	Prefabricated wood building manufacturing	4	32	11	783	21 005	560	1 124	11 985	54 721	53 707	108 642	1 490
321999	All other miscellaneous wood product manufacturing	3	99	31	2 466	60 882	2 196	4 101	51 154	135 476	109 450	245 508	7 839
322	Paper manufacturing	—	268	169	19 804	779 233	15 391	31 449	528 587	3 009 612	3 060 154	6 084 535	175 716
3221	Pulp, paper, and paperboard mills	—	17	14	4 359	228 924	3 375	6 951	163 940	834 652	906 177	1 766 939	91 894
32212	Paper mills	—	8	5	1 320	65 975	1 035	1 968	45 263	151 648	230 648	389 699	9 238
322121	Paper (except newsprint) mills	—	6	3	e	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	9	9	3 039	162 949	2 340	4 983	118 677	683 004	675 529	1 377 240	82 656
322130	Paperboard mills	—	9	9	3 039	162 949	2 340	4 983	118 677	683 004	675 529	1 377 240	82 656
3222	Converted paper product manufacturing	—	251	155	15 445	550 309	12 016	24 498	364 647	2 174 960	2 153 977	4 317 596	83 822
32221	Paperboard container manufacturing	1	145	100	9 963	354 075	7 666	15 915	225 201	921 757	1 464 779	2 370 540	45 208
322211	Corrugated and solid fiber box manufacturing	1	111	74	7 228	268 014	5 305	10 766	156 951	629 815	1 159 301	1 787 988	31 279
322212	Folding paperboard box manufacturing	1	16	13	1 292	39 245	1 101	2 531	29 459	155 991	151 520	311 999	8 377
322214	Fiber can, tube, drum, and similar products manufacturing	—	15	10	e	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing ...	—	2	2	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	2	42	20	1 358	45 404	1 107	2 267	31 443	114 631	210 321	329 088	5 468
322221	Coated and laminated packaging paper and plastics film manufacturing ..	5	9	4	150	6 814	122	259	4 645	16 594	28 030	45 220	1 305
322222	Coated and laminated paper manufacturing	1	15	3	231	10 226	168	335	7 634	29 296	41 673	71 216	1 394
322223	Plastics, foil, and coated paper bag manufacturing ...	2	3	1	101	3 304	81	183	1 964	6 280	13 987	20 274	585
322224	Uncoated paper and multiwall bag manufacturing	3	10	7	581	12 516	514	975	9 594	29 646	52 460	80 812	D
322225	Laminated aluminum foil manufacturing for flexible packaging uses	—	2	2	c	D	D	D	D	D	D	D	D
322226	Surface-coated paperboard manufacturing	—	3	3	c	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
TEXAS—Con.													
322	Paper manufacturing—Con.												
3222	Converted paper product manufacturing—Con.												
32223	Stationery product manufacturing	1	35	20	1 985	68 441	1 535	3 049	44 404	174 878	167 345	348 825	5 666
322231	Die-cut paper and paperboard office supplies manufacturing	—	11	6	454	14 833	349	660	8 129	32 656	27 643	61 935	1 485
322232	Envelope manufacturing	—	17	11	1 252	44 851	961	1 985	30 596	97 281	110 307	210 235	3 806
322233	Stationery, tablet, and related product manufacturing	1	7	3	279	8 757	225	404	5 679	44 941	29 395	76 655	375
32229	Other converted paper product manufacturing	—	29	15	2 139	82 389	1 708	3 267	63 599	963 694	311 532	1 269 143	27 480
322291	Sanitary paper product manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	1	24	13	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	2 393	'377	'37 070	'1 276 749	'25 312	'47 374	'730 121	'2 902 657	'1 812 298	'4 756 891	'196 828
3231	Printing and related support activities	2	2 393	'377	'37 070	'1 276 749	'25 312	'47 374	'730 121	'2 902 657	'1 812 298	'4 756 891	'196 828
32311	Printing	2	2 220	'341	'34 165	'1 187 509	'22 924	'42 931	'669 485	'2 742 509	'1 773 012	'4 553 065	'188 458
323110	Commercial lithographic printing	2	1 005	179	17 859	669 108	12 319	22 817	381 402	1 496 363	948 102	2 452 390	108 843
323112	Commercial flexographic printing	2	46	11	1 159	37 427	724	1 454	18 278	100 516	73 565	173 953	14 762
323113	Commercial screen printing	2	305	42	3 848	114 139	2 632	5 033	64 209	172 613	146 680	336 980	16 928
323114	Quick printing	4	504	24	2 638	76 111	1 748	3 058	44 843	177 345	65 456	242 447	5 749
323115	Digital printing	1	63	19	1 380	48 736	1 033	1 778	30 516	120 299	32 158	152 699	6 565
323116	Manifold business forms printing	1	74	40	4 026	134 006	2 258	4 656	69 835	'445 603	368 148	823 979	12 265
323117	Books printing	2	25	4	964	32 514	758	1 530	22 942	62 421	39 848	103 290	2 336
323118	Blankbook, looseleaf binders, and devices manufacturing	2	16	7	507	12 315	384	738	8 011	33 259	24 119	57 624	D
323119	Other commercial printing	2	170	'14	'1 700	'59 388	'1 011	'1 750	'27 667	'127 073	'70 204	'197 956	'12 809
32312	Support activities for printing	3	173	36	2 905	89 240	2 388	4 443	60 636	160 148	39 286	203 826	8 370
323121	Tradebinding and related work	1	76	23	1 689	44 584	1 442	2 790	31 659	74 700	20 813	99 845	4 667
323122	Prepress services	4	97	13	1 216	44 656	946	1 653	28 977	85 448	18 473	103 981	3 703
324	Petroleum and coal products manufacturing	—	'196	'83	'21 047	'1 416 914	'13 662	'29 941	'867 575	'8 972 652	'48 452 435	'56 900 436	'1 420 604
3241	Petroleum and coal products manufacturing	—	'196	'83	'21 047	'1 416 914	'13 662	'29 941	'867 575	'8 972 652	'48 452 435	'56 900 436	'1 420 604
32411	Petroleum refineries	—	'37	'35	'16 926	'1 238 477	'10 773	'24 210	'750 513	'7 963 435	'47 032 489	'54 462 818	'1 373 627
324110	Petroleum refineries	—	'37	'35	'16 926	'1 238 477	'10 773	'24 210	'750 513	'7 963 435	'47 032 489	'54 462 818	'1 373 627
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	94	26	2 457	101 304	1 828	3 530	71 953	469 461	772 272	1 242 203	25 669
324121	Asphalt paving mixture and block manufacturing	1	73	14	1 119	44 788	879	1 600	32 318	193 700	347 014	540 397	13 106
324122	Asphalt shingle and coating materials manufacturing	—	21	12	1 338	56 516	949	1 930	39 635	275 761	425 258	701 806	12 563
32419	Other petroleum and coal products manufacturing	—	65	22	1 664	77 133	1 061	2 201	45 109	539 756	647 674	1 195 415	21 308
324191	Petroleum lubricating oil and grease manufacturing	—	55	17	1 354	62 399	810	1 695	33 625	466 197	509 529	974 056	17 069
324199	All other petroleum and coal products manufacturing	—	10	5	310	14 734	251	506	11 484	73 559	138 145	221 359	4 239
325	Chemical manufacturing	—	1 121	'461	'73 328	'4 323 071	'44 965	'96 185	'2 471 449	'23 496 884	'41 300 867	'64 777 143	'2 728 376
3251	Basic chemical manufacturing	—	'285	150	'31 162	'2 025 698	'18 187	'40 966	'1 142 354	'11 918 531	'23 995 479	'35 957 149	'1 257 020
32511	Petrochemical manufacturing	—	22	18	5 548	400 060	3 179	6 549	228 086	4 980 207	8 736 592	13 733 093	306 446
325110	Petrochemical manufacturing	—	22	18	5 548	400 060	3 179	6 549	228 086	4 980 207	8 736 592	13 733 093	306 446
32512	Industrial gas manufacturing	—	'78	16	'1 589	'94 917	'882	'1 910	'54 105	'276 458	'859 121	'1 140 739	'104 890
325120	Industrial gas manufacturing	—	'78	16	'1 589	'94 917	'882	'1 910	'54 105	'276 458	'859 121	'1 140 739	'104 890
32513	Synthetic dye and pigment manufacturing	1	8	3	217	13 791	148	226	10 272	75 396	46 928	126 343	2 285
325132	Synthetic organic dye and pigment manufacturing	—	5	2	176	11 484	121	165	8 940	68 103	39 278	111 400	1 782
32518	Other basic inorganic chemical manufacturing	—	69	36	3 957	249 090	2 627	5 808	150 931	915 844	1 117 258	1 999 336	143 410
325181	Alkalies and chlorine manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
325182	Carbon black manufacturing	—	9	8	f	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	—	55	25	2 790	173 734	1 839	4 090	102 928	647 319	750 832	1 372 234	106 993
32519	Other basic organic chemical manufacturing	—	108	77	19 851	1 267 840	11 351	26 473	698 960	5 670 626	13 235 580	18 957 638	699 989
325192	Cyclic crude and intermediate manufacturing	—	7	6	3 468	205 234	1 638	3 622	93 314	847 530	2 076 291	3 012 316	184 392
325199	All other basic organic chemical manufacturing	—	95	67	16 263	1 058 720	9 612	22 648	602 639	4 817 984	11 143 998	15 925 164	514 210
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	94	73	19 562	1 294 497	11 702	24 717	749 809	5 679 214	12 875 574	18 422 663	1 126 215
32521	Resin and synthetic rubber manufacturing	—	94	73	19 562	1 294 497	11 702	24 717	749 809	5 679 214	12 875 574	18 422 663	1 126 215
325211	Plastics material and resin manufacturing	—	72	61	17 053	1 143 532	9 991	20 982	652 386	5 024 515	11 897 324	16 797 268	1 024 938
325212	Synthetic rubber manufacturing	1	22	12	2 509	150 965	1 711	3 735	97 423	654 699	978 250	1 625 395	101 277

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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)
TEXAS—Con.													
325	Chemical manufacturing—Con.												
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1	92	23	2 197	101 795	1 410	3 021	57 301	412 403	560 497	990 281	56 657
32531	Fertilizer manufacturing	1	68	15	1 202	45 949	774	1 605	25 933	140 615	263 267	401 972	16 360
325311	Nitrogenous fertilizer manufacturing	—	10	1	c	D	D	D	D	D	D	D	D
325312	Phosphatic fertilizer manufacturing	—	4	2	c	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	1	54	12	883	27 902	556	1 140	13 966	95 772	122 664	216 340	14 179
32532	Pesticide and other agricultural chemical manufacturing	1	24	8	995	55 846	636	1 416	31 368	271 788	297 230	588 309	40 297
325320	Pesticide and other agricultural chemical manufacturing	1	24	8	995	55 846	636	1 416	31 368	271 788	297 230	588 309	40 297
3254	Pharmaceutical and medicine manufacturing	1	90	32	5 029	228 553	3 826	7 395	163 589	1 498 574	471 411	2 011 591	59 034
32541	Pharmaceutical and medicine manufacturing	1	90	32	5 029	228 553	3 826	7 395	163 589	1 498 574	471 411	2 011 591	59 034
325411	Medicinal and botanical manufacturing	—	16	3	1 228	60 208	1 110	2 519	53 177	132 153	90 475	224 863	8 726
325412	Pharmaceutical preparation manufacturing	—	35	14	2 489	110 420	1 883	3 453	81 000	1 202 031	295 490	1 535 038	37 431
325413	In-vitro diagnostic substance manufacturing	—	13	8	553	26 739	327	469	12 665	79 256	57 229	137 852	2 477
325414	Biological product (except diagnostic) manufacturing ..	2	26	7	759	31 186	506	954	16 747	85 134	28 217	113 838	10 400
3255	Paint, coating, and adhesive manufacturing	1	145	50	4 499	186 496	2 846	5 937	96 913	1 045 988	1 262 727	2 312 690	92 552
32551	Paint and coating manufacturing	1	97	28	3 205	137 681	1 918	4 012	67 995	761 117	990 146	1 754 941	82 595
325510	Paint and coating manufacturing	1	97	28	3 205	137 681	1 918	4 012	67 995	761 117	990 146	1 754 941	82 595
32552	Adhesive manufacturing	1	48	22	1 294	48 815	928	1 925	28 918	284 871	272 581	557 749	9 957
325520	Adhesive manufacturing	1	48	22	1 294	48 815	928	1 925	28 918	284 871	272 581	557 749	9 957
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	1	161	41	4 419	174 788	2 627	5 138	85 424	1 862 273	850 945	2 710 833	56 125
32561	Soap and cleaning compound manufacturing	3	114	26	2 085	92 972	1 270	2 483	48 432	661 756	444 622	1 111 299	30 670
325611	Soap and other detergent manufacturing	2	63	10	965	41 385	645	1 263	24 119	368 890	177 645	545 684	13 412
325612	Polish and other sanitation good manufacturing	2	42	10	644	26 788	386	830	12 179	151 827	78 470	232 317	D
325613	Surface active agent manufacturing	4	9	6	476	24 799	239	390	12 134	141 039	188 507	333 298	D
32562	Toilet preparation manufacturing	1	47	15	2 334	81 816	1 357	2 655	36 992	1 200 517	406 323	1 599 534	25 455
325620	Toilet preparation manufacturing	1	47	15	2 334	81 816	1 357	2 655	36 992	1 200 517	406 323	1 599 534	25 455
3259	Other chemical product and preparation manufacturing	2	'254	'92	'6 860	'311 244	'4 367	'9 011	'176 059	'1 079 901	'1 284 234	'2 371 936	'80 773
32591	Printing ink manufacturing	2	26	7	396	18 774	212	425	8 158	65 789	65 422	131 424	3 135
325910	Printing ink manufacturing ..	2	26	7	396	18 774	212	425	8 158	65 789	65 422	131 424	3 135
32592	Explosives manufacturing	—	9	6	563	25 266	456	997	19 851	59 906	59 388	125 226	1 390
325920	Explosives manufacturing	—	9	6	563	25 266	456	997	19 851	59 906	59 388	125 226	1 390
32599	All other chemical product and preparation manufacturing ..	2	'219	'79	'5 901	'267 204	'3 699	'7 589	'148 050	'954 206	'1 159 424	'2 115 286	'76 248
325991	Custom compounding of purchased resins	2	67	23	1 587	70 176	1 151	2 402	44 771	183 462	340 066	526 783	12 675
325992	Photographic film, paper, plate, and chemical manufacturing	2	28	9	585	27 404	348	736	13 278	81 858	113 546	197 074	8 101
325998	All other miscellaneous chemical product and preparation manufacturing ..	1	'124	'47	'3 729	'169 624	'2 200	'4 451	'90 001	'688 886	'705 812	'1 391 429	'55 472
326	Plastics and rubber products manufacturing	1	951	438	51 511	1 611 550	41 587	79 635	1 123 231	5 013 234	4 794 186	9 816 099	376 600
3261	Plastics product manufacturing ..	2	795	388	46 351	1 434 549	37 403	71 122	993 194	4 591 264	4 402 514	9 005 740	354 217
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	102	55	10 800	370 545	8 811	16 324	256 935	1 432 448	1 361 222	2 799 162	98 822
326111	Plastics bag manufacturing ..	3	39	18	4 186	153 695	3 437	7 407	112 123	636 816	463 693	1 094 653	35 608
326112	Plastics packaging film and sheet (including laminated) manufacturing	1	16	10	1 066	41 530	875	1 820	30 243	97 426	146 696	244 525	10 686
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	47	27	5 548	175 320	4 499	7 097	114 569	698 206	750 833	1 459 984	52 528
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	1	87	45	3 462	111 454	2 694	5 279	75 625	375 668	472 420	849 871	23 019
326121	Unlaminated plastics profile shape manufacturing	1	39	21	1 534	48 541	1 150	2 187	32 178	162 514	158 705	316 466	8 951
326122	Plastics pipe and pipe fitting manufacturing	1	48	24	1 928	62 913	1 544	3 092	43 447	213 154	313 715	533 405	14 068

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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)				
TEXAS—Con.													
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	—	14	7	2 227	81 176	2 110	3 771	73 161	218 604	150 647	364 909	10 085
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	—	14	7	2 227	81 176	2 110	3 771	73 161	218 604	150 647	364 909	10 085
32614	Polystyrene foam product manufacturing	4	36	19	3 110	94 021	2 417	5 038	63 020	479 028	273 817	750 221	62 877
326140	Polystyrene foam product manufacturing	4	36	19	3 110	94 021	2 417	5 038	63 020	479 028	273 817	750 221	62 877
32615	Urethane and other foam product (except polystyrene) manufacturing	2	48	23	1 896	59 483	1 579	3 125	36 875	194 090	223 376	415 596	7 391
326150	Urethane and other foam product (except polystyrene) manufacturing	2	48	23	1 896	59 483	1 579	3 125	36 875	194 090	223 376	415 596	7 391
32616	Plastics bottle manufacturing ..	—	23	17	1 607	55 415	1 300	2 589	43 577	240 112	223 886	456 700	23 039
326160	Plastics bottle manufacturing ..	—	23	17	1 607	55 415	1 300	2 589	43 577	240 112	223 886	456 700	23 039
32619	Other plastics product manufacturing	2	485	222	23 249	662 455	18 492	34 996	444 001	1 651 314	1 697 146	3 369 281	128 984
326191	Plastics plumbing fixture manufacturing	2	66	35	g	D	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	415	186	20 616	587 601	16 725	31 210	401 797	1 487 127	1 540 656	3 038 103	117 965
3262	Rubber product manufacturing ...	1	156	50	5 160	177 001	4 184	8 513	130 037	421 970	391 672	810 359	22 383
32621	Tire manufacturing	—	60	13	2 309	98 772	1 906	3 856	77 729	248 566	237 099	487 399	12 767
326211	Tire manufacturing (except retreading)	—	10	4	1 761	82 297	1 541	3 101	68 702	215 830	186 246	403 605	11 282
326212	Tire retreading	2	50	9	548	16 475	365	755	9 027	32 736	50 853	83 794	1 485
32622	Rubber and plastics hoses and belting manufacturing	—	12	7	461	15 181	346	739	9 862	41 508	34 313	69 066	2 229
326220	Rubber and plastics hoses and belting manufacturing ..	—	12	7	461	15 181	346	739	9 862	41 508	34 313	69 066	2 229
32629	Other rubber product manufacturing	3	84	30	2 390	63 048	1 932	3 918	42 446	131 896	120 260	253 894	7 387
326291	Rubber product manufacturing for mechanical use	3	28	12	847	22 307	687	1 361	14 505	50 971	44 110	94 968	2 199
326299	All other rubber product manufacturing	3	56	18	1 543	40 741	1 245	2 557	27 941	80 925	76 150	158 926	5 188
327	Nonmetallic mineral product manufacturing	1	1 202	378	135 357	1 225 740	28 560	60 349	892 786	4 442 069	3 454 364	7 878 688	305 268
3271	Clay product and refractory manufacturing	1	94	40	5 786	171 949	4 833	10 102	132 333	596 832	282 613	872 003	33 458
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	50	12	2 377	71 482	1 997	4 305	55 377	213 682	110 348	325 434	5 272
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	7	5	1 601	52 534	1 349	2 873	42 693	166 542	73 085	241 300	3 498
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	—	38	6	724	16 708	614	1 361	11 690	38 366	32 471	70 205	1 571
32712	Clay building material and refractories manufacturing	2	44	28	3 409	100 467	2 836	5 797	76 956	383 150	172 265	546 569	28 186
327121	Brick and structural clay tile manufacturing	3	19	18	1 328	36 837	1 048	2 155	27 565	169 306	42 867	204 311	13 875
327122	Ceramic wall and floor tile manufacturing	1	15	8	1 786	53 099	1 547	3 126	41 138	195 361	100 310	294 445	12 960
327125	Nonclay refractory manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	1	120	28	4 999	194 977	4 126	8 388	142 934	651 805	446 192	1 101 758	80 830
32721	Glass and glass product manufacturing	1	120	28	4 999	194 977	4 126	8 388	142 934	651 805	446 192	1 101 758	80 830
327211	Flat glass manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	24	3	1 769	72 606	1 519	3 247	53 239	263 180	148 220	418 213	D
327213	Glass container manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	3	91	20	1 730	51 647	1 367	2 715	35 111	126 068	128 977	253 905	10 097
3273	Cement and concrete product manufacturing	2	723	241	17 726	614 068	14 253	30 532	444 490	2 303 131	2 097 149	4 387 587	151 272
32731	Cement manufacturing	1	17	15	1 730	82 662	1 296	2 901	57 764	546 427	337 585	877 845	39 367
327310	Cement manufacturing	1	17	15	1 730	82 662	1 296	2 901	57 764	546 427	337 585	877 845	39 367
32732	Ready-mix concrete manufacturing	2	476	117	8 319	305 797	6 939	14 722	237 460	975 138	1 307 091	2 283 308	81 422
327320	Ready-mix concrete manufacturing	2	476	117	8 319	305 797	6 939	14 722	237 460	975 138	1 307 091	2 283 308	81 422

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TEXAS—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing—Con.												
32733	Concrete pipe, brick, and block manufacturing	1	'75	48	'2 650	'80 832	'2 037	'4 472	'54 007	'315 538	'201 238	'518 510	'12 348
327331	Concrete block and brick manufacturing	2	'38	22	'1 071	'35 913	'703	'1 555	'19 912	'96 983	'119 543	'218 741	'8 520
327332	Concrete pipe manufacturing	—	37	26	1 579	44 919	1 334	2 917	34 095	218 555	81 695	299 769	3 828
32739	Other concrete product manufacturing	2	155	61	5 027	144 777	3 981	8 437	95 259	466 028	251 235	707 924	18 135
327390	Other concrete product manufacturing	2	155	61	5 027	144 777	3 981	8 437	95 259	466 028	251 235	707 924	18 135
3274	Lime and gypsum product manufacturing	1	31	14	1 440	58 891	1 169	2 737	45 535	258 538	199 161	459 513	7 678
32741	Lime manufacturing	—	7	4	414	17 618	314	764	12 036	67 175	38 029	105 301	3 808
327410	Lime manufacturing	—	7	4	414	17 618	314	764	12 036	67 175	38 029	105 301	3 808
32742	Gypsum product manufacturing	1	24	10	1 026	41 273	855	1 973	33 499	191 363	161 132	354 212	3 870
327420	Gypsum product manufacturing	1	24	10	1 026	41 273	855	1 973	33 499	191 363	161 132	354 212	3 870
3279	Other nonmetallic mineral product manufacturing	1	234	55	5 406	185 855	4 179	8 590	127 494	631 763	429 249	1 057 827	32 030
32791	Abrasive product manufacturing	1	18	6	919	28 422	744	1 546	17 904	85 004	64 456	145 460	3 186
327910	Abrasive product manufacturing	1	18	6	919	28 422	744	1 546	17 904	85 004	64 456	145 460	3 186
32799	All other nonmetallic mineral product manufacturing	1	216	49	4 487	157 433	3 435	7 044	109 590	546 759	364 793	912 367	28 844
327991	Cut stone and stone product manufacturing	3	131	25	1 919	57 312	1 546	3 036	40 735	114 967	51 550	165 143	8 426
327992	Ground or treated mineral and earth manufacturing ...	1	22	8	594	19 904	463	1 023	14 388	49 972	33 505	83 053	2 759
327993	Mineral wool manufacturing .	—	25	9	1 335	57 591	985	2 086	40 672	281 695	190 067	473 371	13 737
327999	All other miscellaneous nonmetallic mineral product manufacturing	2	38	7	639	22 626	441	899	13 795	100 125	89 671	190 800	3 922
331	Primary metal manufacturing	—	282	129	23 008	904 410	18 330	38 103	652 702	2 351 078	4 766 970	7 112 746	187 023
3311	Iron and steel mills and ferroalloy manufacturing	—	21	14	4 990	248 766	3 808	7 786	178 602	651 592	1 139 149	1 780 122	66 740
33111	Iron and steel mills and ferroalloy manufacturing	—	21	14	4 990	248 766	3 808	7 786	178 602	651 592	1 139 149	1 780 122	66 740
331111	Iron and steel mills	—	21	14	4 990	248 766	3 808	7 786	178 602	651 592	1 139 149	1 780 122	66 740
3312	Steel product manufacturing from purchased steel	1	41	23	2 542	89 172	2 095	4 506	66 188	173 068	331 753	512 235	21 379
33121	Iron and steel pipe and tube manufacturing from purchased steel	1	10	9	1 322	49 928	1 040	2 326	35 308	81 657	180 878	267 416	16 312
331210	Iron and steel pipe and tube manufacturing from purchased steel	1	10	9	1 322	49 928	1 040	2 326	35 308	81 657	180 878	267 416	16 312
33122	Rolling and drawing of purchased steel	1	31	14	1 220	39 244	1 055	2 180	30 880	91 411	150 875	244 819	5 067
331221	Rolled steel shape manufacturing	6	6	2	125	5 281	98	211	3 937	11 561	25 961	39 825	592
331222	Steel wire drawing	—	25	12	1 095	33 963	957	1 969	26 943	79 850	124 914	204 994	4 475
3313	Alumina and aluminum production and processing	—	40	16	4 489	189 238	3 431	7 261	127 948	563 667	1 189 714	1 732 731	24 763
33131	Alumina and aluminum production and processing ...	—	40	16	4 489	189 238	3 431	7 261	127 948	563 667	1 189 714	1 732 731	24 763
331311	Alumina refining	—	3	1	f	D	D	D	D	D	D	D	D
331312	Primary aluminum production	—	2	1	g	D	D	D	D	D	D	D	D
331314	Secondary smelting and alloying of aluminum	—	10	4	e	D	D	D	D	D	D	D	1 745
331315	Aluminum sheet, plate, and foil manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	1	14	7	1 663	56 905	1 325	2 855	36 063	145 548	223 314	368 239	D
3314	Nonferrous metal (except aluminum) production and processing	—	53	13	2 352	81 157	1 859	4 110	58 777	312 162	1 712 635	2 047 634	8 092
33141	Nonferrous metal (except aluminum) smelting and refining	—	11	2	f	D	D	D	D	D	D	D	1 623
331411	Primary smelting and refining of copper	—	3	2	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	15	6	1 006	31 921	775	1 735	23 388	179 317	569 489	756 015	3 860
331421	Copper rolling, drawing, and extruding	—	7	1	c	D	D	D	D	D	D	D	308
331422	Copper wire (except mechanical) drawing	—	7	5	f	D	D	D	D	D	D	D	D

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

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
TEXAS—Con.													
331	Primary metal manufacturing—Con.												
3314	Nonferrous metal (except aluminum) production and processing—Con.												
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	1	27	5	f	D	D	D	D	D	D	2 609	
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	1	16	1	e	D	D	D	D	D	D	666	
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	1	11	4	c	D	D	D	D	D	D	1 943	
3315	Foundries	—	127	63	8 635	296 077	7 137	14 440	221 187	650 589	393 719	1 040 024	66 049
33151	Ferrous metal foundries	—	63	37	6 693	237 010	5 516	10 971	177 720	534 114	309 172	838 823	61 135
331511	Iron foundries	—	29	16	3 485	131 892	2 931	6 311	99 949	319 856	189 547	499 549	50 140
331512	Steel investment foundries ..	—	15	11	1 715	51 271	1 387	2 281	38 889	107 006	57 534	169 467	4 156
331513	Steel foundries (except investment)	—	19	10	1 493	53 847	1 198	2 379	38 882	107 252	62 091	169 807	6 839
33152	Nonferrous metal foundries ..	1	64	26	1 942	59 067	1 621	3 469	43 467	116 475	84 547	201 201	4 914
331521	Aluminum die-casting foundries	1	7	3	670	20 728	583	1 335	17 894	35 156	31 210	66 347	1 674
331522	Nonferrous (except aluminum) die-casting foundries	2	8	4	191	5 439	167	278	3 916	13 983	11 654	25 800	218
331524	Aluminum foundries (except die-casting)	1	28	12	814	24 912	651	1 404	15 909	49 315	32 670	81 771	2 226
331525	Copper foundries (except die-casting)	3	17	6	232	7 015	187	392	4 943	16 208	8 116	24 573	D
332	Fabricated metal product manufacturing	2	4 373	1 215	'110 374	'3 855 826	'82 837	'165 812	'2 464 223	'9 408 869	'7 366 224	'16 740 676	'639 507
3321	Forging and stamping	2	'144	'78	'6 873	'255 379	'5 138	'10 752	'162 100	'530 383	'508 722	'1 035 445	'46 017
33211	Forging and stamping	2	'144	'78	'6 873	'255 379	'5 138	'10 752	'162 100	'530 383	'508 722	'1 035 445	'46 017
332111	Iron and steel forging	2	26	13	1 783	72 147	1 394	3 005	52 292	166 751	157 411	324 608	9 482
332112	Nonferrous forging	—	1	1	D	D	D	D	D	D	D	D	D
332114	Custom roll forming	1	40	28	2 315	79 815	1 726	3 460	48 067	180 481	222 199	402 075	D
332116	Metal stamping	4	'70	'33	'1 826	'60 595	'1 380	'2 865	'38 477	'130 794	'100 767	'230 581	'10 548
332117	Powder metallurgy part manufacturing	1	5	3	c	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing	—	49	12	2 032	65 508	1 706	3 339	49 040	187 759	111 399	295 367	5 092
33221	Cutlery and handtool manufacturing	—	49	12	2 032	65 508	1 706	3 339	49 040	187 759	111 399	295 367	5 092
332212	Hand and edge tool manufacturing	—	36	10	1 675	53 017	1 436	2 843	40 737	161 202	95 632	253 445	4 360
332213	Saw blade and handsaw manufacturing	—	5	1	292	9 994	212	439	6 147	20 116	13 636	33 350	D
3323	Architectural and structural metals manufacturing	2	'1 144	'383	'38 533	'1 281 231	'27 504	'55 169	'761 310	'3 037 837	'2 866 789	'5 866 246	'228 701
33231	Plate work and fabricated structural product manufacturing	2	'514	'183	'18 846	'676 807	'13 222	'27 309	'408 776	'1 613 150	'1 566 542	'3 135 435	'142 733
332311	Prefabricated metal building and component manufacturing	2	106	31	4 236	144 728	2 718	5 657	79 231	323 403	401 497	729 179	8 095
332312	Fabricated structural metal manufacturing	2	'285	'117	'12 285	'449 853	'8 725	'17 931	'274 495	'1 119 260	'1 051 142	'2 119 992	'127 416
332313	Plate work manufacturing ...	4	123	35	2 325	82 226	1 779	3 721	55 050	170 487	113 903	286 264	7 222
33232	Ornamental and architectural metal products manufacturing	1	'630	'200	'19 687	'604 424	'14 282	'27 860	'352 534	'1 424 687	'1 300 247	'2 730 811	'85 968
332321	Metal window and door manufacturing	—	'104	'47	'7 474	'216 151	'5 235	'10 126	'115 180	'569 327	'501 691	'1 071 274	'17 527
332322	Sheet metal work manufacturing	2	'349	'113	'9 178	'287 727	'6 791	'13 423	'177 859	'615 211	'618 541	'1 238 068	'39 455
332323	Ornamental and architectural metal work manufacturing ..	1	177	40	3 035	100 546	2 256	4 311	59 495	240 149	180 015	421 469	28 986
3324	Boiler, tank, and shipping container manufacturing	1	160	89	7 361	289 620	5 680	12 327	199 713	750 428	885 939	1 636 608	42 759
33241	Power boiler and heat exchanger manufacturing	3	42	26	2 414	97 124	1 766	3 924	63 924	241 951	161 219	404 565	12 656
332410	Power boiler and heat exchanger manufacturing ..	3	42	26	2 414	97 124	1 766	3 924	63 924	241 951	161 219	404 565	12 656
33242	Metal tank (heavy gauge) manufacturing	—	82	44	2 747	105 628	2 167	4 630	72 381	210 372	210 461	420 087	10 258
332420	Metal tank (heavy gauge) manufacturing	—	82	44	2 747	105 628	2 167	4 630	72 381	210 372	210 461	420 087	10 258
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	36	19	2 200	86 868	1 747	3 773	63 408	298 105	514 259	811 956	19 845
332431	Metal can manufacturing	—	11	8	977	46 692	801	1 741	36 320	211 667	389 040	601 790	6 681
332439	Other metal container manufacturing	—	25	11	1 223	40 176	946	2 032	27 088	86 438	125 219	210 166	13 164
3325	Hardware manufacturing	1	45	9	1 247	42 492	983	2 138	27 729	111 970	100 448	214 405	5 370
33251	Hardware manufacturing	1	45	9	1 247	42 492	983	2 138	27 729	111 970	100 448	214 405	5 370
332510	Hardware manufacturing	1	45	9	1 247	42 492	983	2 138	27 729	111 970	100 448	214 405	5 370

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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)
TEXAS—Con.													
332	Fabricated metal product manufacturing—Con.												
3326	Spring and wire product manufacturing	2	160	48	3 785	115 679	3 069	6 213	77 958	314 278	282 603	598 948	14 029
33261	Spring and wire product manufacturing	2	160	48	3 785	115 679	3 069	6 213	77 958	314 278	282 603	598 948	14 029
332611	Spring (heavy gauge) manufacturing	—	7	4	194	6 114	158	309	4 188	12 865	11 621	24 555	363
332612	Spring (light gauge) manufacturing	—	24	12	1 013	31 870	798	1 572	21 791	138 139	88 888	227 319	4 510
332618	Other fabricated wire product manufacturing	3	129	32	2 578	77 695	2 113	4 332	51 979	163 274	182 094	347 074	9 156
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	'1 752	'275	'21 685	'790 691	'16 773	'32 697	'530 654	'1 682 992	'729 177	'2 389 883	'138 597
33271	Machine shops	3	'1 567	'214	'17 205	'618 394	'13 363	'25 507	'412 087	'1 307 614	'547 074	'1 835 975	'97 957
332710	Machine shops	3	'1 567	'214	'17 205	'618 394	'13 363	'25 507	'412 087	'1 307 614	'547 074	'1 835 975	'97 957
33272	Turned product and screw, nut, and bolt manufacturing	1	185	61	4 480	172 297	3 410	7 190	118 567	375 378	182 103	553 908	40 640
332721	Precision turned product manufacturing	2	143	45	2 957	116 531	2 237	4 730	80 110	249 523	89 409	336 552	31 765
332722	Bolt, nut, screw, rivet, and washer manufacturing	1	42	16	1 523	55 766	1 173	2 460	38 457	125 855	92 694	217 356	8 875
3328	Coating, engraving, heat treating, and allied activities	1	381	109	7 706	257 337	6 052	12 146	174 218	507 707	290 849	806 385	23 937
33281	Coating, engraving, heat treating, and allied activities ..	1	381	109	7 706	257 337	6 052	12 146	174 218	507 707	290 849	806 385	23 937
332811	Metal heat treating	1	49	21	1 747	67 055	1 292	2 553	45 257	133 046	85 937	220 174	9 411
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	177	53	3 497	112 617	2 804	5 467	77 241	231 004	153 064	392 121	10 317
332813	Electroplating, plating, polishing, anodizing, and coloring	1	155	35	2 462	77 665	1 956	4 126	51 720	143 657	51 848	194 090	4 209
3329	Other fabricated metal product manufacturing	1	538	212	21 152	757 889	15 932	31 031	481 501	2 285 515	1 590 298	3 897 389	135 005
33291	Metal valve manufacturing	1	157	81	9 042	359 448	6 404	13 542	216 056	1 143 271	749 354	1 904 590	50 827
332911	Industrial valve manufacturing	—	76	40	5 761	235 300	3 891	8 403	138 007	807 357	518 699	1 335 020	35 317
332912	Fluid power valve and hose fitting manufacturing	2	25	11	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	3	51	28	1 999	73 170	1 568	3 108	45 641	187 892	147 116	334 366	11 638
33299	All other fabricated metal product manufacturing	2	381	131	12 110	398 441	9 528	17 489	265 445	1 142 244	840 944	1 992 799	84 178
332993	Ammunition (except small arms) manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
332994	Small arms manufacturing...	6	16	4	245	9 104	180	379	6 079	25 080	9 104	34 119	744
332995	Other ordnance and accessories manufacturing ..	3	8	2	122	3 913	83	166	2 347	12 098	4 224	16 491	263
332996	Fabricated pipe and pipe fitting manufacturing	2	98	53	5 600	178 450	4 578	8 342	126 410	501 868	457 108	960 847	37 037
332998	Enameled iron and metal sanitary ware manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	1	218	67	4 792	161 010	3 657	7 146	102 236	481 363	323 113	810 596	41 002
333	Machinery manufacturing	2	'1 598	'572	'72 475	'3 000 707	'46 161	'91 140	'1 520 629	'7 171 388	'7 329 897	'14 588 069	'426 938
3331	Agriculture, construction, and mining machinery manufacturing	1	'418	163	'23 207	'1 092 172	'13 854	'28 298	'533 905	'2 285 467	'2 273 945	'4 462 519	'141 729
33311	Agricultural implement manufacturing	2	72	14	1 362	41 672	1 041	2 003	26 502	95 187	78 440	171 310	5 993
333111	Farm machinery and equipment manufacturing ..	1	67	14	1 327	40 689	1 011	1 944	25 823	92 021	71 491	161 195	5 794
33312	Construction machinery manufacturing	3	47	18	2 721	103 245	1 749	3 591	59 549	162 727	272 440	418 430	8 477
333120	Construction machinery manufacturing	3	47	18	2 721	103 245	1 749	3 591	59 549	162 727	272 440	418 430	8 477
33313	Mining and oil and gas field machinery manufacturing	1	'299	131	'19 124	'947 255	'11 064	'22 704	'447 854	'2 027 553	'1 923 065	'3 872 779	'127 259
333131	Mining machinery and equipment manufacturing ..	1	17	2	329	15 058	177	347	6 337	35 617	25 545	63 240	1 539
333132	Oil and gas field machinery and equipment manufacturing	1	'282	129	'18 795	'932 197	'10 887	'22 357	'441 517	'1 991 936	'1 897 520	'3 809 539	'125 720
3332	Industrial machinery manufacturing	2	'207	'58	'7 311	'349 882	'3 877	'7 469	'131 699	'955 940	'1 008 461	'1 989 328	'94 841
33321	Sawmill and woodworking machinery manufacturing	4	15	1	100	3 409	75	117	1 876	6 157	5 646	11 856	915
333210	Sawmill and woodworking machinery manufacturing ..	4	15	1	100	3 409	75	117	1 876	6 157	5 646	11 856	915
33322	Plastics and rubber industry machinery manufacturing	8	13	2	143	6 714	93	184	3 451	18 521	26 068	42 311	2 562
333220	Plastics and rubber industry machinery manufacturing ..	8	13	2	143	6 714	93	184	3 451	18 521	26 068	42 311	2 562

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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)				
TEXAS—Con.													
333	Machinery manufacturing—Con.												
3332	Industrial machinery manufacturing—Con.												
33329	Other industrial machinery manufacturing	2	'179	'55	'7 068	'339 759	'3 709	'7 168	'126 372	'931 262	'976 747	'1 935 161	'91 364
333292	Textile machinery manufacturing	1	10	1	126	5 020	73	167	2 427	10 861	7 717	18 592	309
333293	Printing machinery and equipment manufacturing ..	2	24	7	584	22 579	354	727	11 260	46 938	45 419	91 838	2 901
333294	Food product machinery manufacturing	'3	'23	'5	'443	'17 031	'278	'519	'8 646	'30 179	'27 203	'56 742	'1 356
333295	Semiconductor machinery manufacturing	1	34	14	2 835	161 091	1 238	2 454	46 794	494 787	581 122	1 106 168	73 339
333298	All other industrial machinery manufacturing	4	84	27	3 034	132 165	1 736	3 249	56 354	345 127	313 360	656 520	13 393
3333	Commercial and service industry machinery manufacturing	1	116	37	3 920	154 089	2 062	3 881	54 887	282 159	395 276	710 374	12 704
33331	Commercial and service industry machinery manufacturing	1	116	37	3 920	154 089	2 062	3 881	54 887	282 159	395 276	710 374	12 704
333311	Automatic vending machine manufacturing	—	8	3	641	16 482	404	846	6 836	25 410	22 621	47 227	570
333312	Commercial laundry, drycleaning, and pressing machine manufacturing	—	4	2	173	6 651	106	225	3 396	5 711	19 013	28 429	282
333313	Office machinery manufacturing	—	7	3	780	38 188	210	172	6 609	6 951	145 686	179 452	3 602
333314	Optical instrument and lens manufacturing	3	10	2	107	4 447	74	157	2 321	9 549	7 054	16 507	1 003
333319	Other commercial and service industry machinery manufacturing	1	81	27	2 179	86 430	1 245	2 432	34 808	230 184	196 948	430 451	7 047
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	151	78	14 363	476 687	10 563	20 716	288 631	1 582 281	1 566 389	3 231 119	64 862
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	151	78	14 363	476 687	10 563	20 716	288 631	1 582 281	1 566 389	3 231 119	64 862
333411	Air purification equipment manufacturing	—	31	18	1 423	37 584	1 002	2 031	20 260	106 313	75 882	183 093	3 501
333412	Industrial and commercial fan and blower manufacturing ..	1	9	5	469	14 533	372	662	10 455	32 776	28 754	61 951	1 345
333414	Heating equipment (except warm air furnaces) manufacturing	7	12	3	533	17 686	315	610	7 934	124 867	30 271	155 430	1 362
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2	99	52	11 938	406 884	8 874	17 413	249 982	1 318 325	1 431 482	2 830 645	58 654
3335	Metalworking machinery manufacturing	2	'233	'49	'4 779	'168 756	'3 659	'7 278	'109 926	'354 088	'263 573	'631 458	'25 348
33351	Metalworking machinery manufacturing	2	'233	'49	'4 779	'168 756	'3 659	'7 278	'109 926	'354 088	'263 573	'631 458	'25 348
333511	Industrial mold manufacturing	—	62	20	2 196	70 189	1 812	3 823	48 473	118 810	143 688	273 970	12 660
333512	Machine tool (metal cutting types) manufacturing	—	5	3	151	5 942	77	169	3 131	11 546	11 347	23 495	604
333514	Special die and tool, die set, jig, and fixture manufacturing	2	90	8	882	33 483	660	1 139	22 182	60 873	19 609	80 944	6 360
333515	Cutting tool and machine tool accessory manufacturing...	4	58	11	1 052	39 926	786	1 498	26 881	114 211	55 211	171 610	3 444
333518	Other metalworking machinery manufacturing ..	'7	'14	'6	'435	'16 649	'275	'550	'7 683	'43 855	'30 930	'73 360	'1 972
3336	Engine, turbine, and power transmission equipment manufacturing	1	54	24	2 778	109 568	2 082	4 097	75 159	306 107	205 896	508 003	12 450
33361	Engine, turbine, and power transmission equipment manufacturing	1	54	24	2 778	109 568	2 082	4 097	75 159	306 107	205 896	508 003	12 450
333611	Turbine and turbine generator set units manufacturing	1	10	6	921	42 616	766	1 528	31 616	154 964	80 576	227 663	6 272
333612	Speed changer, industrial high-speed drive, and gear manufacturing	—	12	6	683	27 712	459	721	16 445	56 335	52 725	112 679	4 685
333613	Mechanical power transmission equipment manufacturing	—	22	9	1 036	33 953	758	1 664	23 730	81 240	62 120	143 543	1 007
333618	Other engine equipment manufacturing	5	10	3	138	5 287	99	184	3 368	13 568	10 475	24 118	486
3339	Other general purpose machinery manufacturing	2	'419	'163	'16 117	'649 553	'10 064	'19 401	'326 422	'1 405 346	'1 616 357	'3 055 268	'75 004

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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)				
TEXAS—Con.													
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing—Con.												
33391	Pump and compressor manufacturing	3	88	42	4 174	187 765	2 502	4 704	93 013	471 884	446 251	932 423	22 842
333911	Pump and pumping equipment manufacturing ..	4	56	28	2 664	122 338	1 638	2 908	67 045	275 928	267 257	555 978	12 869
333912	Air and gas compressor manufacturing	4	31	13	g	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	1	115	50	5 626	231 011	3 375	6 598	111 772	404 952	752 152	1 157 222	34 710
333921	Elevator and moving stairway manufacturing	—	11	7	736	29 146	464	943	12 679	36 390	89 704	128 643	1 127
333922	Conveyor and conveying equipment manufacturing ..	1	45	21	1 794	73 365	1 035	1 936	31 448	116 824	72 755	190 212	12 007
333923	Overhead traveling crane, hoist, and monorail system manufacturing	2	28	11	1 019	38 037	657	1 142	17 759	67 437	90 228	161 452	1 394
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	31	11	2 077	90 463	1 219	2 577	49 886	184 301	499 465	676 915	20 182
33399	All other general purpose machinery manufacturing	3	216	71	6 317	230 777	4 187	8 099	121 637	528 510	417 954	965 623	17 452
333991	Power-driven handtool manufacturing	—	7	3	293	13 372	213	461	9 001	29 160	16 056	47 056	317
333992	Welding and soldering equipment manufacturing ..	8	12	5	776	31 505	521	1 118	20 423	99 705	66 381	166 981	2 589
333993	Packaging machinery manufacturing	2	19	6	302	13 333	183	384	6 598	24 318	19 540	43 977	612
333994	Industrial process furnace and oven manufacturing ...	2	16	5	321	9 887	226	376	5 701	20 120	13 281	32 799	908
333995	Fluid power cylinder and actuator manufacturing	1	17	11	1 086	41 379	768	1 660	25 113	86 164	65 916	152 503	1 879
333996	Fluid power pump and motor manufacturing	4	13	2	171	5 791	116	225	3 168	14 388	10 950	25 427	234
333999	All other miscellaneous general purpose machinery manufacturing	2	127	38	3 311	113 543	2 112	3 770	50 143	250 595	222 665	489 653	10 807
334	Computer and electronic product manufacturing	—	988	384	95 417	5 000 514	43 444	87 436	1 708 216	18 902 634	22 264 599	41 275 262	1 770 493
3341	Computer and peripheral equipment manufacturing	—	108	33	12 362	672 113	7 052	14 218	360 514	8 022 403	8 950 258	16 937 343	498 559
33411	Computer and peripheral equipment manufacturing	—	108	33	12 362	672 113	7 052	14 218	360 514	8 022 403	8 950 258	16 937 343	498 559
334111	Electronic computer manufacturing	—	43	16	j	D	D	D	D	D	D	D	481 492
334112	Computer storage device manufacturing	7	11	3	c	D	D	D	D	D	D	D	D
334113	Computer terminal manufacturing	1	3	1	c	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	3	51	13	g	D	D	D	D	D	D	D	14 330
3342	Communications equipment manufacturing	—	135	56	13 637	566 211	5 311	10 008	176 317	2 458 760	4 424 303	7 008 457	75 406
33421	Telephone apparatus manufacturing	—	38	16	5 433	172 267	869	1 645	34 060	775 662	456 558	1 116 237	23 768
334210	Telephone apparatus manufacturing	—	38	16	5 433	172 267	869	1 645	34 060	775 662	456 558	1 116 237	23 768
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	62	29	7 038	348 536	3 804	7 176	126 299	1 591 780	3 879 434	5 712 778	49 325
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	62	29	7 038	348 536	3 804	7 176	126 299	1 591 780	3 879 434	5 712 778	49 325
33429	Other communications equipment manufacturing	1	35	11	1 166	45 408	638	1 187	15 958	91 318	88 311	179 442	2 313
334290	Other communications equipment manufacturing ..	1	35	11	1 166	45 408	638	1 187	15 958	91 318	88 311	179 442	2 313
3343	Audio and video equipment manufacturing	2	23	7	440	15 799	260	567	6 958	24 375	42 206	65 713	930
33431	Audio and video equipment manufacturing	2	23	7	440	15 799	260	567	6 958	24 375	42 206	65 713	930
334310	Audio and video equipment manufacturing	2	23	7	440	15 799	260	567	6 958	24 375	42 206	65 713	930
3344	Semiconductor and other electronic component manufacturing	—	313	142	43 259	2 426 084	18 076	37 341	687 009	5 621 222	7 029 708	12 627 729	1 048 145
33441	Semiconductor and other electronic component manufacturing	—	313	142	43 259	2 426 084	18 076	37 341	687 009	5 621 222	7 029 708	12 627 729	1 048 145
334412	Bare printed circuit board manufacturing	4	59	18	1 430	50 587	1 049	2 304	29 484	110 306	62 496	169 649	6 552
334413	Semiconductor and related device manufacturing	—	78	41	29 287	1 864 535	10 519	21 352	476 021	4 329 941	5 544 663	9 823 565	972 240
334415	Electronic resistor manufacturing	—	5	4	458	14 029	291	572	6 336	51 582	19 998	68 855	2 392

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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)				
TEXAS—Con.													
334	Computer and electronic product manufacturing—Con.												
3344	Semiconductor and other electronic component manufacturing—Con.												
33441	Semiconductor and other electronic component manufacturing—Con.												
334416	Electronic coil, transformer, and other inductor manufacturing	—	17	6	353	11 596	236	504	5 118	30 532	29 049	60 555	2 022
334417	Electronic connector manufacturing	—	12	7	578	22 039	372	871	9 383	34 287	40 087	74 680	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	52	33	8 033	331 872	3 481	7 386	88 026	709 438	947 842	1 688 237	51 788
334419	Other electronic component manufacturing	1	83	32	3 054	128 664	2 082	4 248	71 192	348 570	380 050	729 962	10 984
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	'359	'134	'24 290	'1 269 637	'11 748	'23 166	'449 965	'2 587 152	'1 703 676	'4 328 348	'136 085
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	'359	'134	'24 290	'1 269 637	'11 748	'23 166	'449 965	'2 587 152	'1 703 676	'4 328 348	'136 085
334510	Electromedical and electrotherapeutic apparatus manufacturing	—	'21	'13	'1 884	'110 583	'789	'1 654	'23 400	'293 766	'62 511	'362 546	'16 122
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	46	23	10 350	583 625	4 953	9 094	208 583	1 181 819	704 496	1 885 350	54 324
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	—	15	5	624	32 775	422	941	19 028	22 001	42 489	64 498	1 376
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	1	88	31	3 051	136 225	1 435	3 001	43 903	313 935	222 935	549 233	18 743
334514	Totalizing fluid meter and counting device manufacturing	1	17	7	622	30 043	417	847	17 085	84 124	52 980	143 737	2 243
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	3	56	18	1 861	84 468	838	1 479	26 031	176 452	142 484	315 223	22 224
334516	Analytical laboratory instrument manufacturing	—	39	14	3 184	170 320	918	1 979	32 555	273 577	199 880	447 510	9 762
334519	Other measuring and controlling device manufacturing	—	67	22	2 648	118 062	1 954	4 130	78 475	238 015	271 539	551 622	11 247
3346	Manufacturing and reproducing magnetic and optical media	3	50	12	1 429	50 670	997	2 136	27 453	188 722	114 448	307 672	11 368
33461	Manufacturing and reproducing magnetic and optical media	3	50	12	1 429	50 670	997	2 136	27 453	188 722	114 448	307 672	11 368
334611	Software reproducing	3	16	1	c	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	6	28	10	1 190	38 903	869	1 900	23 108	95 239	56 518	152 130	9 117
335	Electrical equipment, appliance, and component manufacturing	1	'372	'144	'18 609	'638 545	'13 253	'27 310	'355 029	'2 058 973	'2 295 156	'4 376 523	'123 959
3351	Electric lighting equipment manufacturing	1	66	28	2 274	76 647	1 468	2 981	36 144	190 413	177 839	368 392	12 317
33511	Electric lamp bulb and part manufacturing	1	3	1	c	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	1	3	1	c	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	1	63	27	g	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	4	23	6	e	D	D	D	D	D	D	D	1 469
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	21	13	887	27 128	565	1 195	11 734	68 518	66 517	134 122	6 088
335129	Other lighting equipment manufacturing	1	19	8	844	31 981	507	967	13 874	82 456	77 120	161 162	D
3352	Household appliance manufacturing	—	19	10	2 777	72 139	2 400	5 142	52 451	404 572	563 277	959 636	33 951
33521	Small electrical appliance manufacturing	—	11	9	2 625	67 475	2 286	4 882	49 776	391 334	549 140	931 451	33 604
335211	Electric housewares and household fan manufacturing	1	7	5	776	18 933	642	1 221	11 693	54 453	88 700	139 319	D
335212	Household vacuum cleaner manufacturing	—	4	4	1 849	48 542	1 644	3 661	38 083	336 881	460 440	792 132	D
33522	Major appliance manufacturing	1	8	1	152	4 664	114	260	2 675	13 238	14 137	28 185	347
335221	Household cooking appliance manufacturing	1	7	1	c	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
TEXAS—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	1	155	48	7 091	263 338	4 728	9 405	135 527	755 508	718 019	1 495 265	28 647
33531	Electrical equipment manufacturing	1	155	48	7 091	263 338	4 728	9 405	135 527	755 508	718 019	1 495 265	28 647
335311	Power, distribution, and specialty transformer manufacturing	1	26	8	696	23 523	567	1 202	16 409	55 597	75 499	132 246	3 802
335312	Motor and generator manufacturing	—	29	11	1 840	74 846	994	1 888	30 364	170 254	186 408	379 062	6 778
335313	Switchgear and switchboard apparatus manufacturing ..	1	34	12	3 303	110 750	2 530	5 004	72 064	372 988	309 656	682 096	12 321
335314	Relay and industrial control manufacturing	4	66	17	1 252	54 219	637	1 311	16 690	156 669	146 456	301 861	5 746
3359	Other electrical equipment and component manufacturing	1	132	58	6 467	226 421	4 657	9 782	130 907	708 480	836 021	1 553 230	49 044
33591	Battery manufacturing	3	5	2	102	3 227	87	186	2 237	9 193	9 333	18 243	D
335911	Storage battery manufacturing	2	4	2	c	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	—	28	19	3 192	101 082	2 374	5 041	62 992	357 213	540 005	904 783	D
335929	Other communication and energy wire manufacturing ..	—	23	17	3 097	98 252	2 312	4 913	61 953	354 093	535 312	895 846	29 336
33593	Wiring device manufacturing ..	1	32	16	1 542	51 199	1 188	2 487	33 428	181 318	173 378	355 719	14 908
335931	Current-carrying wiring device manufacturing	4	16	8	623	21 113	455	955	10 894	70 539	35 039	105 308	1 075
335932	Noncurrent-carrying wiring device manufacturing	—	16	8	919	30 086	733	1 532	22 534	110 779	138 339	250 411	13 833
33599	All other electrical equipment and component manufacturing	5	67	21	1 631	70 913	1 008	2 068	32 250	160 756	113 305	274 485	4 534
335991	Carbon and graphite product manufacturing	—	6	3	394	17 969	277	621	10 939	36 963	18 272	57 013	1 389
335999	All other miscellaneous electrical equipment and component manufacturing ..	6	61	18	1 237	52 944	731	1 447	21 311	123 793	95 033	217 472	3 145
336	Transportation equipment manufacturing	—	742	273	66 209	3 509 946	40 740	79 644	1 788 522	11 683 816	13 056 789	23 801 735	435 369
3361	Motor vehicle manufacturing	—	11	6	5 643	325 013	4 724	9 352	258 916	4 161 004	5 647 264	9 812 487	21 430
33611	Automobile and light duty motor vehicle manufacturing	—	7	2	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	5	2	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	3	178	71	6 771	198 328	5 348	9 961	126 647	422 595	564 962	971 957	13 441
33621	Motor vehicle body and trailer manufacturing	3	178	71	6 771	198 328	5 348	9 961	126 647	422 595	564 962	971 957	13 441
336211	Motor vehicle body manufacturing	1	44	20	1 646	53 833	1 220	2 451	34 233	133 708	155 748	285 710	4 252
336212	Truck trailer manufacturing ..	3	51	23	g	D	D	D	D	D	D	D	2 088
336213	Motor home manufacturing ..	—	4	1	e	D	D	D	D	D	D	D	136
336214	Travel trailer and camper manufacturing	4	79	27	3 151	83 149	2 610	4 888	56 610	156 837	239 768	387 094	6 965
3363	Motor vehicle parts manufacturing	1	261	86	12 887	459 938	9 823	18 472	301 577	1 433 052	2 241 443	3 696 906	137 812
33631	Motor vehicle gasoline engine and engine parts manufacturing	2	56	11	1 616	72 652	1 363	2 680	51 721	153 304	315 764	471 630	21 225
336311	Carburetor, piston, piston ring, and valve manufacturing	4	11	3	216	6 435	174	341	4 540	12 948	7 077	19 522	375
336312	Gasoline engine and engine parts manufacturing	2	45	8	1 400	66 217	1 189	2 339	47 181	140 356	308 687	452 108	20 850
33632	Motor vehicle electrical and electronic equipment manufacturing	—	56	27	h	D	D	D	D	D	D	D	D
336321	Vehicular lighting equipment manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	53	25	3 518	100 919	2 507	4 732	61 061	672 815	762 866	1 438 403	44 459
33634	Motor vehicle brake system manufacturing	9	5	2	c	D	D	D	D	D	D	D	438
336340	Motor vehicle brake system manufacturing	9	5	2	c	D	D	D	D	D	D	D	438
33635	Motor vehicle transmission and power train parts manufacturing	1	22	4	562	18 992	407	700	10 419	50 786	43 508	94 499	4 684
336350	Motor vehicle transmission and power train parts manufacturing	1	22	4	562	18 992	407	700	10 419	50 786	43 508	94 499	4 684
33636	Motor vehicle seating and interior trim manufacturing	—	16	5	1 826	85 644	1 477	3 784	64 824	150 216	427 854	580 548	12 382
336360	Motor vehicle seating and interior trim manufacturing ..	—	16	5	1 826	85 644	1 477	3 784	64 824	150 216	427 854	580 548	12 382

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TEXAS—Con.													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33637	Motor vehicle metal stamping ..	—	12	3	359	13 526	317	658	10 299	40 346	43 481	84 158	1 034
336370	Motor vehicle metal stamping ..	—	12	3	359	13 526	317	658	10 299	40 346	43 481	84 158	1 034
33639	Other motor vehicle parts manufacturing ..	1	86	34	4 541	149 959	3 501	5 405	95 405	321 438	607 508	941 796	52 624
336391	Motor vehicle air-conditioning manufacturing ..	—	23	10	2 013	72 839	1 574	1 982	44 740	149 370	457 796	614 210	38 506
336399	All other motor vehicle parts manufacturing ..	2	63	24	2 528	77 120	1 927	3 423	50 665	172 068	149 712	327 586	14 118
3364	Aerospace product and parts manufacturing ..	—	139	67	35 762	2 337 185	16 598	33 438	960 733	5 219 132	4 129 294	8 396 924	244 561
33641	Aerospace product and parts manufacturing ..	—	139	67	35 762	2 337 185	16 598	33 438	960 733	5 219 132	4 129 294	8 396 924	244 561
336411	Aircraft manufacturing ..	—	25	11	21 183	1 499 163	7 521	16 393	477 276	3 567 754	2 981 904	5 668 207	166 585
336412	Aircraft engine and engine parts manufacturing ..	1	31	17	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing ..	3	74	33	8 498	458 485	5 239	9 734	263 408	941 107	480 261	1 408 857	43 367
336414	Guided missile and space vehicle manufacturing ..	—	4	4	h	D	D	D	D	D	D	D	D
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing ..	9	4	2	c	D	D	D	D	D	D	D	677
3365	Railroad rolling stock manufacturing ..	—	10	8	926	32 901	716	1 465	21 659	94 721	159 643	257 250	2 738
33651	Railroad rolling stock manufacturing ..	—	10	8	926	32 901	716	1 465	21 659	94 721	159 643	257 250	2 738
336510	Railroad rolling stock manufacturing ..	—	10	8	926	32 901	716	1 465	21 659	94 721	159 643	257 250	2 738
3366	Ship and boat building ..	1	109	30	3 657	134 245	3 082	5 979	105 119	298 233	255 614	553 847	12 909
33661	Ship and boat building ..	1	109	30	3 657	134 245	3 082	5 979	105 119	298 233	255 614	553 847	12 909
336611	Ship building and repairing ..	1	68	26	3 092	118 905	2 633	5 274	94 694	243 090	192 079	435 169	11 298
336612	Boat building ..	1	41	4	565	15 340	449	705	10 425	55 143	63 535	118 678	1 611
3369	Other transportation equipment manufacturing ..	2	34	5	563	22 336	449	977	13 871	55 079	58 569	112 364	2 478
33699	Other transportation equipment manufacturing ..	2	34	5	563	22 336	449	977	13 871	55 079	58 569	112 364	2 478
336991	Motorcycle, bicycle, and parts manufacturing ..	2	14	3	285	11 367	245	547	8 796	27 389	32 793	59 427	D
336999	All other transportation equipment manufacturing ..	2	17	2	238	9 564	173	365	4 020	24 752	24 026	48 218	403
337	Furniture and related product manufacturing ..	2	1 166	275	29 396	810 179	23 321	46 590	529 441	1 896 777	1 576 557	3 462 334	155 520
3371	Household and institutional furniture and kitchen cabinet manufacturing ..	2	877	162	18 442	484 917	15 045	30 098	331 088	1 100 048	908 292	2 002 401	73 718
33711	Wood kitchen cabinet and countertop manufacturing ..	1	495	81	10 704	288 976	8 842	18 124	200 757	570 700	447 960	1 012 818	57 624
337110	Wood kitchen cabinet and countertop manufacturing ..	1	495	81	10 704	288 976	8 842	18 124	200 757	570 700	447 960	1 012 818	57 624
33712	Household and institutional furniture manufacturing ..	3	382	81	7 738	195 941	6 203	11 974	130 331	529 348	460 332	989 583	16 094
337121	Upholstered household furniture manufacturing ..	1	94	33	2 967	73 676	2 423	4 586	49 925	199 360	163 892	365 190	5 696
337122	Nonupholstered wood household furniture manufacturing ..	5	203	16	1 383	30 081	1 148	2 147	23 369	63 630	49 253	111 244	1 802
337124	Metal household furniture manufacturing ..	2	22	7	787	19 196	628	1 194	13 612	50 516	48 266	98 965	1 252
337127	Institutional furniture manufacturing ..	3	45	23	2 359	64 916	1 838	3 704	39 961	147 709	164 169	310 441	7 028
337129	Wood television, radio, and sewing machine cabinet manufacturing ..	9	9	2	c	D	D	D	D	D	D	D	230
3372	Office furniture (including fixtures) manufacturing ..	2	209	78	6 535	210 943	4 877	9 834	129 503	479 500	364 634	843 231	29 780
33721	Office furniture (including fixtures) manufacturing ..	2	209	78	6 535	210 943	4 877	9 834	129 503	479 500	364 634	843 231	29 780
337211	Wood office furniture manufacturing ..	2	21	7	665	23 576	460	1 012	13 153	55 257	35 005	90 753	2 185
337212	Custom architectural woodwork and millwork manufacturing ..	1	83	30	1 785	55 790	1 308	2 546	35 291	131 843	70 063	201 072	4 791
337214	Office furniture (except wood) manufacturing ..	4	18	7	661	19 147	539	1 029	13 020	64 145	40 978	105 276	4 928
337215	Showcase, partition, shelving, and locker manufacturing ..	1	87	34	3 424	112 430	2 570	5 247	68 039	228 255	218 588	446 130	17 876

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TEXAS—Con.													
337	Furniture and related product manufacturing—Con.												
3379	Other furniture related product manufacturing	1	80	35	4 419	114 319	3 399	6 658	68 850	317 229	303 631	616 702	52 022
33791	Mattress manufacturing	1	40	15	1 561	47 014	1 236	2 728	29 197	193 708	159 572	348 741	D
337910	Mattress manufacturing	1	40	15	1 561	47 014	1 236	2 728	29 197	193 708	159 572	348 741	D
33792	Blind and shade manufacturing	1	40	20	2 858	67 305	2 163	3 930	39 653	123 521	144 059	267 961	D
337920	Blind and shade manufacturing	1	40	20	2 858	67 305	2 163	3 930	39 653	123 521	144 059	267 961	D
339	Miscellaneous manufacturing	3	'1 949	367	'40 993	'1 339 935	'28 942	'54 894	'731 500	'3 798 739	'2 285 185	'6 015 330	'155 793
3391	Medical equipment and supplies manufacturing	2	'644	106	'15 440	'572 295	'10 877	'21 136	'306 944	'1 720 563	'925 194	'2 660 687	'79 582
33911	Medical equipment and supplies manufacturing	2	'644	106	'15 440	'572 295	'10 877	'21 136	'306 944	'1 720 563	'925 194	'2 660 687	'79 582
339111	Laboratory apparatus and furniture manufacturing	6	'16	10	'770	'30 691	'434	'814	'12 714	'87 563	'85 336	'176 983	'4 132
339112	Surgical and medical instrument manufacturing	1	58	22	3 719	160 259	2 461	4 768	76 111	470 497	257 549	725 886	24 618
339113	Surgical appliance and supplies manufacturing	2	128	37	7 052	265 012	5 122	10 216	142 514	919 114	479 825	1 410 338	39 739
339114	Dental equipment and supplies manufacturing	4	41	5	350	11 233	245	328	4 925	23 988	11 716	36 091	598
339115	Ophthalmic goods manufacturing	6	25	8	1 231	38 345	898	1 796	23 199	107 607	61 010	168 459	6 081
339116	Dental laboratories	4	376	24	2 318	66 755	1 717	3 214	47 481	111 794	29 758	142 930	4 414
3399	Other miscellaneous manufacturing	3	1 305	261	'25 553	'767 640	'18 065	'33 758	'424 556	'2 078 176	'1 359 991	'3 354 643	'76 211
33991	Jewelry and silverware manufacturing	1	126	27	3 394	102 718	2 391	4 572	55 259	280 223	165 711	441 258	6 997
339911	Jewelry (except costume) manufacturing	—	84	20	2 620	85 710	1 785	3 576	46 820	223 684	121 342	340 706	5 649
339912	Silverware and holloware manufacturing	'1	'10	'3	'145	'5 411	'86	'186	'2 373	'17 542	'15 018	'32 285	D
339913	Jewelers' material and lapidary work manufacturing	6	4	2	c	D	D	D	D	D	D	D	D
339914	Costume jewelry and novelty manufacturing	2	'28	'2	f	D	D	D	D	D	D	D	'520
33992	Sporting and athletic goods manufacturing	2	126	32	3 589	101 472	2 383	4 711	53 286	270 477	287 860	564 819	12 130
339920	Sporting and athletic goods manufacturing	2	126	32	3 589	101 472	2 383	4 711	53 286	270 477	287 860	564 819	12 130
33993	Doll, toy, and game manufacturing	4	26	2	142	4 228	108	154	2 334	12 564	10 028	23 152	231
33994	Office supplies (except paper) manufacturing	5	46	9	809	22 374	557	1 033	12 167	61 464	54 065	115 958	4 243
339941	Pen and mechanical pencil manufacturing	1	3	1	c	D	D	D	D	D	D	D	D
339942	Lead pencil and art good manufacturing	1	6	3	184	5 201	150	305	3 188	20 784	11 454	31 949	D
339943	Marking device manufacturing	5	34	4	271	7 039	199	348	4 050	13 095	6 113	19 259	387
339944	Carbon paper and inked ribbon manufacturing	9	3	1	c	D	D	D	D	D	D	D	D
33995	Sign manufacturing	3	'505	'69	'6 256	'194 429	'4 226	'8 018	'102 375	'402 800	'264 022	'663 002	'10 800
339950	Sign manufacturing	3	'505	'69	'6 256	'194 429	'4 226	'8 018	'102 375	'402 800	'264 022	'663 002	'10 800
33999	All other miscellaneous manufacturing	3	'476	'122	'11 363	'342 419	'8 400	'15 270	'199 135	'1 050 648	'578 305	'1 546 454	'41 810
339991	Gasket, packing, and sealing device manufacturing	4	68	35	3 397	113 389	2 509	4 977	67 214	273 973	233 646	503 868	10 074
339992	Musical instrument manufacturing	4	25	1	156	4 704	127	242	3 310	8 866	6 175	14 990	D
339994	Broom, brush, and mop manufacturing	—	11	5	280	6 021	237	471	3 917	35 513	26 328	61 167	D
339995	Burial casket manufacturing	—	9	2	108	2 719	90	171	1 898	9 333	8 777	18 040	705
339999	All other miscellaneous manufacturing	3	'351	'77	'7 332	'212 817	'5 391	'9 320	'121 690	'718 042	'300 433	'940 541	'24 828

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)				
BROWNSVILLE-HARLINGEN-RAYMONDVILLE, TX COMBINED STATISTICAL AREA													
31-33	Manufacturing	1	244	62	i	D	D	D	D	D	D	D	D
311	Food manufacturing	-	52	10	g	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	3	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
3117	Seafood product preparation and packaging	-	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
31171	Seafood product preparation and packaging	-	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
311712	Fresh and frozen seafood processing	-	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
313	Textile mills	-	3	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	1	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	1	1	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	9	5	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	6	12	8	613	16 402	473	933	9 906	60 469	86 304	147 417	1 835
3261	Plastics product manufacturing ..	8	11	7	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	8	6	4	292	10 534	226	441	6 277	42 487	66 193	109 026	D
326199	All other plastics product manufacturing	8	4	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	17	5	390	10 899	331	754	7 845	53 590	46 833	99 833	520
332	Fabricated metal product manufacturing	-	31	5	932	28 969	604	1 347	23 009	125 000	81 932	158 364	D
3323	Architectural and structural metals manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	18	4	277	10 290	193	357	6 246	18 564	14 368	32 411	502
336	Transportation equipment manufacturing	1	21	8	1 676	47 350	1 346	2 281	38 770	52 683	79 943	151 913	6 858
3363	Motor vehicle parts manufacturing	1	9	5	g	D	D	D	D	D	D	D	5 403
33632	Motor vehicle electrical and electronic equipment manufacturing	3	3	3	470	12 524	358	662	7 926	22 441	25 386	46 988	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	3	3	3	470	12 524	358	662	7 926	22 441	25 386	46 988	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

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)				
BROWNSVILLE-HARLINGEN-RAYMONDVILLE, TX COMBINED STATISTICAL AREA—Con.													
Brownsville-Harlingen, TX Metropolitan Statistical Area													
31-33	Manufacturing	1	242	62	9 678	236 503	7 421	12 917	170 531	758 186	881 567	1 607 683	117 015
311	Food manufacturing	—	51	10	1 798	37 235	1 031	1 866	21 235	141 097	150 513	279 531	4 889
3113	Sugar and confectionery product manufacturing	—	3	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
3117	Seafood product preparation and packaging	—	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
31171	Seafood product preparation and packaging	—	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
311712	Fresh and frozen seafood processing	—	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
313	Textile mills	—	3	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	1	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	1	1	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	11	6	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	—	9	5	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	6	12	8	613	16 402	473	933	9 906	60 469	86 304	147 417	1 835
3261	Plastics product manufacturing ..	8	11	7	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	8	6	4	292	10 534	226	441	6 277	42 487	66 193	109 026	D
326199	All other plastics product manufacturing	8	4	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	17	5	390	10 899	331	754	7 845	53 590	46 833	99 833	520
332	Fabricated metal product manufacturing	—	31	5	932	28 969	604	1 347	23 009	125 000	81 932	158 364	D
3323	Architectural and structural metals manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	18	4	277	10 290	193	357	6 246	18 564	14 368	32 411	502
336	Transportation equipment manufacturing	1	21	8	1 676	47 350	1 346	2 281	38 770	52 683	79 943	151 913	6 858
3363	Motor vehicle parts manufacturing	1	9	5	g	D	D	D	D	D	D	D	5 403
33632	Motor vehicle electrical and electronic equipment manufacturing	3	3	3	470	12 524	358	662	7 926	22 441	25 386	46 988	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	3	3	3	470	12 524	358	662	7 926	22 441	25 386	46 988	D
33639	Other motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

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)				
CORPUS CHRISTI-KINGSVILLE, TX COMBINED STATISTICAL AREA													
31-33	Manufacturing	-	294	68	j	D	D	D	D	D	D	D	D
311	Food manufacturing	-	34	5	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	20	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	18	3	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	9	6	2 616	189 631	1 522	3 491	109 834	620 826	7 323 278	7 839 365	239 217
3241	Petroleum and coal products manufacturing	-	9	6	2 616	189 631	1 522	3 491	109 834	620 826	7 323 278	7 839 365	239 217
32411	Petroleum refineries	-	4	4	2 463	182 864	1 404	3 262	105 105	595 028	7 298 081	7 787 559	238 860
324110	Petroleum refineries	-	4	4	2 463	182 864	1 404	3 262	105 105	595 028	7 298 081	7 787 559	238 860
325	Chemical manufacturing	-	22	12	h	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	16	10	2 928	181 206	1 991	4 405	113 577	323 662	1 649 438	1 954 132	90 118
32511	Petrochemical manufacturing ..	-	2	2	e	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	4	4	1 061	62 767	788	2 057	43 560	160 577	403 884	543 776	59 386
325188	All other basic inorganic chemical manufacturing ...	-	2	2	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ...	-	3	3	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	24	6	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	63	14	h	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	3	20	6	h	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	4	13	5	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	4	8	5	2 213	89 639	1 557	3 160	56 110	127 631	132 271	253 362	D
33232	Ornamental and architectural metal products manufacturing	-	7	1	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	17	5	331	14 598	167	331	5 392	35 761	35 769	72 385	855
334	Computer and electronic product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
334415	Electronic resistor manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	16	7	607	18 977	498	951	15 550	61 917	92 774	154 723	513
3366	Ship and boat building	-	10	5	529	16 686	434	831	13 916	57 661	88 644	146 305	330
33661	Ship and boat building	-	10	5	529	16 686	434	831	13 916	57 661	88 644	146 305	330
336611	Ship building and repairing ..	-	10	5	529	16 686	434	831	13 916	57 661	88 644	146 305	330
339	Miscellaneous manufacturing	6	32	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
CORPUS CHRISTI-KINGSVILLE, TX COMBINED STATISTICAL AREA—Con.													
Corpus Christi, TX Metropolitan Statistical Area													
31-33	Manufacturing	—	281	67	12 578	616 253	8 650	18 335	377 599	1 539 835	9 702 188	11 107 745	358 031
311	Food manufacturing	—	31	5	1 330	40 027	1 074	2 351	26 946	90 609	334 885	425 659	12 974
3116	Animal slaughtering and processing	—	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	4	2	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	18	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	17	3	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	9	6	2 616	189 631	1 522	3 491	109 834	620 826	7 323 278	7 839 365	239 217
3241	Petroleum and coal products manufacturing	—	9	6	2 616	189 631	1 522	3 491	109 834	620 826	7 323 278	7 839 365	239 217
32411	Petroleum refineries	—	4	4	2 463	182 864	1 404	3 262	105 105	595 028	7 298 081	7 787 559	238 860
324110	Petroleum refineries	—	4	4	2 463	182 864	1 404	3 262	105 105	595 028	7 298 081	7 787 559	238 860
325	Chemical manufacturing	—	21	11	2 974	182 824	2 023	4 457	114 686	326 698	1 653 094	1 961 153	90 342
3251	Basic chemical manufacturing ...	—	16	10	2 928	181 206	1 991	4 405	113 577	323 662	1 649 438	1 954 132	90 118
32511	Petrochemical manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	—	4	4	1 061	62 767	788	2 057	43 560	160 577	403 884	543 776	59 386
325188	All other basic inorganic chemical manufacturing ...	—	2	2	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ...	—	3	3	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	21	6	279	8 425	213	422	5 691	24 606	26 003	50 281	664
332	Fabricated metal product manufacturing	3	62	14	3 193	123 115	2 292	4 634	77 200	283 285	185 885	461 928	7 674
3323	Architectural and structural metals manufacturing	3	19	6	h	D	D	D	D	D	D	D	6 073
33231	Plate work and fabricated structural product manufacturing	4	12	5	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	4	8	5	2 213	89 639	1 557	3 160	56 110	127 631	132 271	253 362	D
33232	Ornamental and architectural metal products manufacturing	—	7	1	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	17	5	331	14 598	167	331	5 392	35 761	35 769	72 385	855
334	Computer and electronic product manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
334415	Electronic resistor manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	16	7	607	18 977	498	951	15 550	61 917	92 774	154 723	513
3366	Ship and boat building	—	10	5	529	16 686	434	831	13 916	57 661	88 644	146 305	330
33661	Ship and boat building	—	10	5	529	16 686	434	831	13 916	57 661	88 644	146 305	330
336611	Ship building and repairing ..	—	10	5	529	16 686	434	831	13 916	57 661	88 644	146 305	330
339	Miscellaneous manufacturing	6	30	4	261	7 840	188	381	4 370	16 759	6 752	23 460	454

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)
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	'6 578	'2 069	'288 604	'12 098 540	'185 117	'371 178	'6 044 233	'37 629 290	'39 727 329	'76 502 707	'2 228 315
311	Food manufacturing	1	'360	121	j	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	—	16	8	f	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	—	16	8	f	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	—	14	8	f	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	—	8	5	627	22 195	516	1 152	16 971	88 456	226 611	313 585	D
31121	Flour milling and malt manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
311211	Flour milling	—	2	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	—	3	2	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	20	10	919	28 180	674	1 220	18 300	74 002	100 237	174 204	5 151
31141	Frozen food manufacturing	—	8	3	419	11 708	324	575	7 586	26 834	24 160	50 984	774
311412	Frozen specialty food manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	1	12	7	500	16 472	350	645	10 714	47 168	76 077	123 220	4 377
311421	Fruit and vegetable canning .	1	7	4	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	15	10	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	2	12	9	g	D	D	D	D	D	D	D	15 174
311511	Fluid milk manufacturing	2	10	9	2 205	86 774	968	2 140	34 572	510 469	544 958	1 059 489	15 174
3116	Animal slaughtering and processing	2	'38	20	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	2	'38	20	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	4	11	4	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	2	'21	12	'2 526	'77 409	2 102	4 722	54 294	'225 864	'622 206	'858 268	30 681
311615	Poultry processing	—	5	3	978	17 104	755	1 281	12 013	50 877	85 113	136 044	D
3118	Bakeries and tortilla manufacturing	2	169	31	i	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	1	137	16	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	4	99	5	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	36	10	3 017	103 922	1 384	2 901	42 833	256 780	131 407	389 272	6 923
31182	Cookie, cracker, and pasta manufacturing	2	22	7	914	35 842	701	1 604	23 815	136 457	153 231	287 502	7 354
311822	Flour mixes and dough manufacturing from purchased flour	1	12	5	837	33 088	640	1 489	21 875	123 827	147 155	268 893	7 048
31183	Tortilla manufacturing	3	10	8	1 033	26 212	866	1 492	19 398	86 695	46 267	133 376	2 098
311830	Tortilla manufacturing	3	10	8	1 033	26 212	866	1 492	19 398	86 695	46 267	133 376	2 098
3119	Other food manufacturing	—	76	34	h	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	12	8	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	10	7	g	D	D	D	D	D	D	D	D
31193	Flavoring syrup and concentrate manufacturing ...	—	6	4	e	D	D	D	D	D	D	D	2 836
311930	Flavoring syrup and concentrate manufacturing .	—	6	4	e	D	D	D	D	D	D	D	2 836
31194	Seasoning and dressing manufacturing	1	17	10	g	D	D	D	D	D	D	D	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	3	9	5	485	18 335	288	652	9 017	99 565	139 201	236 395	6 226
31199	All other food manufacturing ...	4	40	12	g	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	5	13	10	1 149	30 509	953	2 005	21 619	70 349	78 245	148 643	D
312	Beverage and tobacco product manufacturing	4	29	15	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	4	28	14	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	22	13	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	10	8	g	D	D	D	D	D	D	D	D
312113	Ice manufacturing	1	9	3	e	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills	6	36	5	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)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
314	Textile product mills	'3	'151	'36	h	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	1	'68	'17	g	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	1	'64	'16	g	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills.....	5	42	6	e	D	D	D	D	D	D	D	D
314129	Other household textile product mills.....	—	'22	'10	'990	'18 933	'822	'1 676	'13 014	'71 036	'59 437	'125 736	'1 123
3149	Other textile product mills	4	83	19	g	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills ...	5	22	2	317	7 705	213	389	3 976	8 786	12 265	25 228	224
314912	Canvas and related product mills	7	17	2	266	6 087	187	330	3 468	5 487	8 854	18 743	D
31499	All other textile product mills ...	4	61	17	g	D	D	D	D	D	D	D	D
314991	Rope, cordage, and twine mills	5	4	2	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills.....	4	57	15	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	'211	'48	h	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	3	'179	'41	h	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	6	'121	'17	g	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	'6	'99	'14	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	1	16	5	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	4	29	12	g	D	D	D	D	D	D	D	D
315233	Women's and girls' cut and sew dress manufacturing ...	4	9	5	f	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	2	10	3	e	D	D	D	D	D	D	D	372
31529	Other cut and sew apparel manufacturing	2	13	7	426	8 337	346	706	5 179	14 150	7 597	21 760	D
315299	All other cut and sew apparel manufacturing	2	11	6	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	—	28	6	f	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	—	28	6	f	D	D	D	D	D	D	D	D
315991	Hat, cap, and millinery manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	1	30	6	e	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	4	24	4	e	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing	4	24	4	e	D	D	D	D	D	D	D	D
316999	All other leather goods manufacturing	4	17	3	277	6 934	228	428	3 751	14 546	8 229	22 613	D
321	Wood product manufacturing	3	185	67	i	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation ..	9	14	3	325	9 587	278	625	7 764	29 329	99 514	131 200	1 988
32111	Sawmills and wood preservation	9	14	3	325	9 587	278	625	7 764	29 329	99 514	131 200	1 988
321114	Wood preservation	9	7	2	279	7 977	239	538	6 584	26 904	93 747	122 927	1 802
3212	Veneer, plywood, and engineered wood product manufacturing	3	12	5	553	17 907	403	895	9 693	33 547	61 119	94 701	810
32121	Veneer, plywood, and engineered wood product manufacturing	3	12	5	553	17 907	403	895	9 693	33 547	61 119	94 701	810
321214	Truss manufacturing.....	5	6	2	299	10 309	236	513	6 206	20 930	23 434	44 435	527
3219	Other wood product manufacturing	2	159	59	i	D	D	D	D	D	D	D	D
32191	Millwork	1	76	26	h	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	28	8	g	D	D	D	D	D	D	D	D
321912	Cut stock, resawing lumber, and planing.....	—	7	5	670	16 709	579	1 121	12 857	39 485	116 115	156 063	3 380
321918	Other millwork (including flooring).....	4	41	13	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	3	35	11	f	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	3	35	11	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
321	Wood product manufacturing—Con.												
3219	Other wood product manufacturing—Con.												
32199	All other wood product manufacturing	3	48	22	h	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	2	14	12	g	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	4	8	4	263	7 422	198	405	4 508	25 356	20 255	45 915	515
321999	All other miscellaneous wood product manufacturing	5	26	6	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	126	86	i	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	4	4	540	27 571	408	873	17 861	86 681	103 557	187 925	22 530
32213	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	122	82	i	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	66	50	i	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	1	47	34	h	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	1	9	7	f	D	D	D	D	D	D	D	D
322214	Fiber can, tube, drum, and similar products manufacturing	—	7	6	e	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	1	24	13	868	34 638	672	1 435	23 045	89 342	173 516	267 590	3 735
32223	Stationery product manufacturing	—	18	11	1 094	42 318	799	1 612	25 478	111 756	98 363	214 322	2 094
322232	Envelope manufacturing	1	11	8	816	30 733	607	1 257	20 012	64 644	72 029	138 393	1 811
32229	Other converted paper product manufacturing	3	14	8	459	13 422	376	771	9 801	48 866	21 982	67 992	726
322299	All other converted paper product manufacturing	2	11	8	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	'917	'185	j	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	'917	'185	j	D	D	D	D	D	D	D	D
32311	Printing	2	'839	'163	j	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	374	78	i	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	2	25	7	f	D	D	D	D	D	D	D	D
323113	Commercial screen printing	3	113	18	g	D	D	D	D	D	D	D	D
323114	Quick printing	4	183	12	g	D	D	D	D	D	D	D	D
323115	Digital printing	1	25	9	654	27 037	516	784	17 843	69 524	17 483	87 395	2 525
323116	Manifold business forms printing	2	33	21	1 964	72 432	1 220	2 405	39 726	245 131	252 979	507 421	5 708
323117	Books printing	1	14	3	879	29 681	689	1 396	20 840	56 599	36 056	93 676	2 125
323118	Blankbook, looseleaf binders, and devices manufacturing	2	9	5	e	D	D	D	D	D	D	D	D
323119	Other commercial printing	1	'57	'9	'826	'26 531	'482	'843	'14 107	'59 067	'36 708	'96 406	'8 419
32312	Support activities for printing	2	78	22	1 657	50 623	1 353	2 590	33 856	97 220	26 766	124 218	5 620
323121	Tradebinding and related work	1	36	14	1 189	29 609	1 041	2 013	21 981	54 716	13 824	68 791	3 536
323122	Prepress services	4	42	8	468	21 014	312	577	11 875	42 504	12 942	55 427	2 084
324	Petroleum and coal products manufacturing	—	39	18	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	39	18	g	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	25	12	g	D	D	D	D	D	D	D	D
324121	Asphalt paving mixture and block manufacturing	—	12	4	e	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing	—	13	8	f	D	D	D	D	D	D	D	D
32419	Other petroleum and coal products manufacturing	4	12	5	e	D	D	D	D	D	D	D	D
324191	Petroleum lubricating oil and grease manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	'313	'120	j	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	2	36	13	656	34 371	372	820	16 872	118 375	105 840	225 232	8 366
32519	Other basic organic chemical manufacturing	—	10	6	313	14 989	178	397	7 004	60 559	49 472	109 972	4 288
325199	All other basic organic chemical manufacturing	—	10	6	313	14 989	178	397	7 004	60 559	49 472	109 972	4 288

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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
325	Chemical manufacturing—Con.												
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	17	11	672	29 860	478	1 021	17 144	104 721	248 292	352 962	9 957
32521	Resin and synthetic rubber manufacturing	—	17	11	672	29 860	478	1 021	17 144	104 721	248 292	352 962	9 957
325211	Plastics material and resin manufacturing	—	14	10	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	4	13	4	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	1	26	10	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	1	26	10	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	1	13	6	1 329	59 019	916	1 932	44 123	360 965	208 592	573 691	19 447
3255	Paint, coating, and adhesive manufacturing	—	65	26	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	36	13	g	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	—	36	13	g	D	D	D	D	D	D	D	D
32552	Adhesive manufacturing	2	29	13	f	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	2	29	13	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	1	72	23	h	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	1	49	12	f	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	1	25	6	f	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	1	21	5	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	23	11	1 838	66 821	1 089	2 114	30 662	1 150 831	359 598	1 496 826	24 393
325620	Toilet preparation manufacturing	—	23	11	1 838	66 821	1 089	2 114	30 662	1 150 831	359 598	1 496 826	24 393
3259	Other chemical product and preparation manufacturing	2	'84	'33	g	D	D	D	D	D	D	D	D
32591	Printing ink manufacturing	1	18	6	e	D	D	D	D	D	D	D	D
325910	Printing ink manufacturing	1	18	6	e	D	D	D	D	D	D	D	D
32592	Explosives manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ..	3	'59	'22	g	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	3	20	7	392	14 377	283	584	8 650	49 940	62 055	111 759	2 552
325998	All other miscellaneous chemical product and preparation manufacturing ..	3	'27	'10	'763	'34 146	'430	'857	'14 630	'102 296	'98 586	'198 131	'7 211
326	Plastics and rubber products manufacturing	1	317	149	j	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	265	131	j	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	1	34	20	h	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	1	12	6	2 125	83 558	1 690	3 680	57 324	232 871	269 925	499 058	18 855
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	1	18	11	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	1	25	11	f	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing	—	11	6	f	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	—	14	7	1 107	37 082	926	1 939	28 472	133 860	108 732	240 801	18 735
326140	Polystyrene foam product manufacturing	—	14	7	1 107	37 082	926	1 939	28 472	133 860	108 732	240 801	18 735
32615	Urethane and other foam product (except polystyrene) manufacturing	1	26	12	816	23 899	666	1 349	15 801	64 006	96 466	159 374	D
326150	Urethane and other foam product (except polystyrene) manufacturing	1	26	12	816	23 899	666	1 349	15 801	64 006	96 466	159 374	D
32616	Plastics bottle manufacturing ..	—	11	9	798	28 284	665	1 364	23 374	134 349	109 780	239 008	18 759
326160	Plastics bottle manufacturing	—	11	9	798	28 284	665	1 364	23 374	134 349	109 780	239 008	18 759

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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32619	Other plastics product manufacturing	1	154	72	i	D	D	D	D	D	D	D	D
326191	Plastics plumbing fixture manufacturing	2	20	13	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	133	59	i	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	2	52	18	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	2	36	12	g	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	1	12	3	448	9 225	390	733	6 231	26 063	18 476	44 899	867
326299	All other rubber product manufacturing	2	24	9	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	295	115	j	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	1	23	14	g	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing ...	1	15	12	g	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing	3	7	7	f	D	D	D	D	D	D	D	D
327122	Ceramic wall and floor tile manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	2	39	12	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	2	39	12	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	3	34	11	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	164	71	i	D	D	D	D	D	D	D	D
32731	Cement manufacturing	—	4	3	579	28 785	482	1 097	23 265	225 907	131 893	354 899	18 345
327310	Cement manufacturing	—	4	3	579	28 785	482	1 097	23 265	225 907	131 893	354 899	18 345
32732	Ready-mix concrete manufacturing	4	102	38	h	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	4	102	38	h	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing	—	17	11	f	D	D	D	D	D	D	D	D
327331	Concrete block and brick manufacturing	1	11	7	e	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	6	4	e	D	D	D	D	D	D	D	1 164
32739	Other concrete product manufacturing	2	41	19	1 414	44 692	1 124	2 365	31 265	209 334	91 965	295 140	6 306
327390	Other concrete product manufacturing	2	41	19	1 414	44 692	1 124	2 365	31 265	209 334	91 965	295 140	6 306
3274	Lime and gypsum product manufacturing	5	8	4	1 319	11 366	253	598	8 096	32 153	42 462	74 663	2 558
3279	Other nonmetallic mineral product manufacturing	1	61	14	g	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	1	57	12	g	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	3	36	6	f	D	D	D	D	D	D	D	2 961
327993	Mineral wool manufacturing ..	—	9	3	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	85	28	h	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	4	1	g	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	2	12	5	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	3	11	4	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	15	4	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	15	4	g	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	6	3	1 209	42 625	968	2 118	26 254	109 112	149 201	258 020	4 880

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)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
331	Primary metal manufacturing—Con.												
3315	Foundries	1	37	16	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	15	7	g	D	D	D	D	D	D	D	D
331511	Iron foundries	2	9	4	e	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	—	4	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	3	22	9	435	12 848	373	738	9 386	26 925	13 456	40 477	D
331524	Aluminum foundries (except die-casting)	1	11	7	276	8 080	233	499	5 686	15 981	7 877	23 857	1 052
332	Fabricated metal product manufacturing	1	1 143	341	k	D	D	D	D	D	D	D	D
3321	Forging and stamping	2	'49	'32	g	D	D	D	D	D	D	D	D
33211	Forging and stamping	2	'49	'32	g	D	D	D	D	D	D	D	D
332111	Iron and steel forging	3	8	4	e	D	D	D	D	D	D	D	1 473
332114	Custom roll forming	—	10	6	427	14 999	275	505	8 376	43 974	57 758	100 776	867
332116	Metal stamping	3	'29	'20	f	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing	—	23	7	g	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	—	23	7	g	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	—	15	5	f	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	'1	'342	'128	j	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	2	125	47	h	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing	2	24	9	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	2	75	31	g	D	D	D	D	D	D	D	D
332313	Plate work manufacturing	4	26	7	438	15 085	323	725	9 987	24 664	20 311	47 021	1 681
33232	Ornamental and architectural metal products manufacturing	'1	'217	'81	i	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	'—	'42	'21	'4 443	'133 558	'2 984	'5 740	'67 869	'280 312	'291 051	'573 923	'10 926
332322	Sheet metal work manufacturing	'2	'122	'50	h	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	2	53	10	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	1	22	8	679	27 718	517	1 142	19 116	78 256	120 175	202 589	3 203
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	10	5	431	18 900	323	740	13 056	56 045	104 537	165 694	2 732
332439	Other metal container manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	5	16	4	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	5	16	4	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	5	16	4	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	2	51	20	g	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	2	51	20	g	D	D	D	D	D	D	D	D
332612	Spring (light gauge) manufacturing	1	9	6	592	16 881	504	958	13 304	92 839	43 940	137 331	D
332618	Other fabricated wire product manufacturing	4	38	12	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	407	70	i	D	D	D	D	D	D	D	D
33271	Machine shops	2	354	52	i	D	D	D	D	D	D	D	D
332710	Machine shops	2	354	52	i	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	4	53	18	1 197	44 429	925	1 877	29 712	89 118	37 601	126 328	5 479
332721	Precision turned product manufacturing	4	44	14	985	37 154	758	1 563	24 924	73 207	23 433	96 013	4 750
3328	Coating, engraving, heat treating, and allied activities	1	121	30	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities—Con.												
33281	Coating, engraving, heat treating, and allied activities ..	1	121	30	g	D	D	D	D	D	D	D	D
332811	Metal heat treating	1	13	5	270	9 780	215	439	6 684	21 559	6 065	27 569	1 376
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	54	13	824	22 199	644	1 010	14 139	41 235	21 365	63 239	3 695
332813	Electroplating, plating, polishing, anodizing, and coloring	1	54	12	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	112	42	h	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	22	14	g	D	D	D	D	D	D	D	10 508
332911	Industrial valve manufacturing	—	9	5	770	29 122	482	1 048	15 659	113 324	108 342	224 854	D
332912	Fluid power valve and hose fitting manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	90	28	h	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	—	11	4	252	8 231	199	429	5 398	17 363	36 171	51 911	1 134
332999	All other miscellaneous fabricated metal product manufacturing	1	61	21	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	451	154	j	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	1	61	24	3 745	174 416	2 486	5 357	97 280	407 690	433 752	800 067	24 192
33312	Construction machinery manufacturing	4	15	5	479	19 516	306	554	10 061	37 585	48 267	83 557	1 690
333120	Construction machinery manufacturing	4	15	5	479	19 516	306	554	10 061	37 585	48 267	83 557	1 690
33313	Mining and oil and gas field machinery manufacturing	1	40	19	3 216	153 175	2 143	4 728	86 236	365 439	377 539	703 898	22 215
333132	Oil and gas field machinery and equipment manufacturing	1	35	18	2 990	144 052	2 010	4 480	81 794	352 027	360 878	673 599	21 944
3332	Industrial machinery manufacturing	4	89	23	2 480	111 479	1 253	2 402	37 682	191 480	234 058	421 222	D
33329	Other industrial machinery manufacturing	4	76	22	2 393	107 791	1 190	2 295	35 801	184 485	228 934	409 223	D
333293	Printing machinery and equipment manufacturing ..	2	20	7	551	21 573	343	707	10 893	44 799	43 820	88 047	D
333295	Semiconductor machinery manufacturing	5	13	7	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	7	24	4	531	22 529	306	547	9 801	44 948	35 668	80 886	D
3333	Commercial and service industry machinery manufacturing	1	42	14	1 712	78 987	702	1 188	20 262	100 214	224 909	350 504	6 865
33331	Commercial and service industry machinery manufacturing	1	42	14	1 712	78 987	702	1 188	20 262	100 214	224 909	350 504	6 865
333313	Office machinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	2	24	9	718	30 146	366	740	9 604	72 352	59 117	131 188	2 071
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	55	26	h	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	55	26	h	D	D	D	D	D	D	D	D
333411	Air purification equipment manufacturing	—	13	7	f	D	D	D	D	D	D	D	D
333412	Industrial and commercial fan and blower manufacturing ..	—	5	2	e	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing	4	7	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.												
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.												
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	30	15	2 158	69 067	1 486	3 176	38 295	206 169	199 518	402 239	3 490
3335	Metalworking machinery manufacturing	1	70	13	g	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	1	70	13	g	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing	—	18	5	1 307	42 327	1 092	2 498	29 937	63 314	120 698	196 162	10 155
333518	Other metalworking machinery manufacturing ..	7	5	3	284	11 564	157	371	4 614	31 480	20 036	50 062	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	11	7	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	11	7	g	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	3	123	47	i	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	6	8	4	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	6	5	4	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	1	47	24	h	D	D	D	D	D	D	D	D
333921	Elevator and moving stairway manufacturing	—	8	6	f	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	1	23	11	1 287	54 910	717	1 324	23 304	80 875	49 232	131 559	10 345
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	2	11	4	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	4	68	19	g	D	D	D	D	D	D	D	D
333992	Welding and soldering equipment manufacturing ..	9	2	1	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	2	38	11	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	415	176	l	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	2	45	10	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	2	45	10	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	14	1	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	1	23	7	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	74	37	j	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	25	11	4 931	142 964	776	1 474	30 663	631 697	345 061	849 838	D
334210	Telephone apparatus manufacturing	—	25	11	4 931	142 964	776	1 474	30 663	631 697	345 061	849 838	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	34	20	i	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	34	20	i	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	2	15	6	588	24 008	268	420	7 104	45 593	47 737	95 119	D
334290	Other communications equipment manufacturing ..	2	15	6	588	24 008	268	420	7 104	45 593	47 737	95 119	D

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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)					
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing—Con.													
3343	Audio and video equipment manufacturing	1	13	4	e	D	D	D	D	D	D	D	D	
33431	Audio and video equipment manufacturing	1	13	4	e	D	D	D	D	D	D	D	D	
334310	Audio and video equipment manufacturing	1	13	4	e	D	D	D	D	D	D	D	D	
3344	Semiconductor and other electronic component manufacturing	—	154	73		22 474	1 361 236	7 513	15 568	303 505	2 611 193	4 659 781	7 213 382	619 845
33441	Semiconductor and other electronic component manufacturing	—	154	73		22 474	1 361 236	7 513	15 568	303 505	2 611 193	4 659 781	7 213 382	619 845
334412	Bare printed circuit board manufacturing	4	32	13		748	26 270	558	1 231	14 877	50 788	35 479	86 863	3 397
334413	Semiconductor and related device manufacturing	—	38	19		16 451	1 124 678	3 894	8 340	192 304	2 005 371	4 029 430	5 978 267	586 995
334417	Electronic connector manufacturing	—	5	4	e	D	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	1	27	17		2 888	105 019	1 512	2 743	39 251	262 234	234 667	496 475	23 230
334419	Other electronic component manufacturing	1	41	17		1 885	87 382	1 235	2 571	49 254	262 175	331 091	591 170	4 422
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	107	45	j	D	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	107	45	j	D	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing	—	8	5	f	D	D	D	D	D	D	D	D	4 760
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	27	18	j	D	D	D	D	D	D	D	D	53 005
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	—	6	1		445	26 365	305	686	15 268	10 668	34 978	45 945	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	21	7	g	D	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2	21	6		552	27 275	188	351	5 200	60 317	29 520	89 775	D
334516	Analytical laboratory instrument manufacturing	—	9	3		2 037	122 943	362	792	15 285	162 420	154 157	294 436	D
334519	Other measuring and controlling device manufacturing	—	11	4	e	D	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	1	22	7	f	D	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media	1	22	7	f	D	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	1	11	6	e	D	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	131	58	i	D	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	3	29	11	f	D	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	3	29	11	f	D	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	1	12	5		303	8 683	204	444	4 800	15 569	22 138	37 764	4 836
3352	Household appliance manufacturing	—	4	4	f	D	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	4	4	f	D	D	D	D	D	D	D	D	D
335211	Electric housewares and household fan manufacturing	—	4	4	f	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)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	—	41	14	1 819	63 599	1 205	2 130	34 559	144 650	145 513	288 832	4 412
33531	Electrical equipment manufacturing	—	41	14	1 819	63 599	1 205	2 130	34 559	144 650	145 513	288 832	4 412
335313	Switchgear and switchboard apparatus manufacturing . . .	—	12	7	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	2	20	6	e	D	D	D	D	D	D	D	2 802
3359	Other electrical equipment and component manufacturing	1	57	29	h	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	—	14	12	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	—	11	10	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing . . .	—	11	5	e	D	D	D	D	D	D	D	D
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	4	30	11	g	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing . .	5	27	9	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	285	106	k	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	5	3	h	D	D	D	D	D	D	D	8 566
33611	Automobile and light duty motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	49	18	g	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	1	49	18	g	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	—	11	6	e	D	D	D	D	D	D	D	1 136
336212	Truck trailer manufacturing . .	2	18	8	e	D	D	D	D	D	D	D	D
336213	Motor home manufacturing . .	—	1	1	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	4	19	3	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	124	46	i	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	1	24	7	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	1	18	5	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	2	23	11	1 078	35 131	695	1 409	17 499	88 871	76 040	169 493	3 672
336321	Vehicular lighting equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	4	21	10	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	1	9	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	1	9	1	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing . . .	—	11	4	g	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing . .	—	11	4	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	46	19	h	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	—	18	9	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	4	28	10	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing—Con.												
3364	Aerospace product and parts manufacturing	—	80	35	k	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	80	35	k	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	15	6	20 503	1 457 515	7 065	15 613	454 218	3 491 784	2 915 218	5 513 522	D
336412	Aircraft engine and engine parts manufacturing	1	17	9	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	2	42	17	i	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	2	2	h	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	15	2	e	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	15	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	436	114	j	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	319	62	i	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	1	182	35	h	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing	1	182	35	h	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	3	137	27	h	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	1	39	12	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	6	63	5	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	4	18	7	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	1	85	36	h	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	1	85	36	h	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	—	10	3	e	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing	1	25	10	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	1	45	22	2 574	86 180	1 881	4 082	50 932	171 090	165 861	337 336	7 323
3379	Other furniture related product manufacturing	—	32	16	g	D	D	D	D	D	D	D	D
33791	Mattress manufacturing	—	15	6	662	20 988	509	1 166	12 029	88 208	68 073	151 507	D
337910	Mattress manufacturing	—	15	6	662	20 988	509	1 166	12 029	88 208	68 073	151 507	D
33792	Blind and shade manufacturing	—	17	10	f	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	—	17	10	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	623	121	j	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	3	194	32	i	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	3	194	32	i	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing	2	22	10	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	3	32	7	g	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	7	13	5	g	D	D	D	D	D	D	D	D
339116	Dental laboratories	4	111	7	f	D	D	D	D	D	D	D	D

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DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing	2	429	'89	i	D	D	D	D	D	D	D	D
33991	Jewelry and silverware manufacturing	1	52	11	g	D	D	D	D	D	D	D	D
339911	Jewelry (except costume) manufacturing	—	32	5	497	14 962	401	709	9 582	87 903	41 964	129 485	1 206
339914	Costume jewelry and novelty manufacturing	1	12	2	e	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	—	37	10	1 544	49 042	765	1 613	19 614	112 653	143 757	261 468	4 434
339920	Sporting and athletic goods manufacturing	—	37	10	1 544	49 042	765	1 613	19 614	112 653	143 757	261 468	4 434
33995	Sign manufacturing	3	'169	'29	h	D	D	D	D	D	D	D	D
339950	Sign manufacturing	3	'169	'29	h	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	2	'143	35	h	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	6	15	7	329	10 867	225	449	4 983	24 902	16 980	41 928	579
339999	All other miscellaneous manufacturing	2	'107	26	g	D	D	D	D	D	D	D	D
Athens, TX Micropolitan Statistical Area													
31-33	Manufacturing	3	60	15	1 910	50 641	1 534	3 138	36 344	184 241	97 654	280 641	6 528
321	Wood product manufacturing	9	4	2	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	9	4	2	e	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area													
31-33	Manufacturing	1	'6 365	'2 015	'280 196	'11 851 206	'178 278	'356 597	'5 877 005	'37 052 512	'39 260 804	'75 456 849	'2 181 112
311	Food manufacturing	1	'350	118	'18 770	'595 081	12 957	26 251	357 312	'4 230 102	'2 872 546	'7 110 751	118 292
3111	Animal food manufacturing	—	14	6	298	8 620	206	420	5 455	32 386	74 978	107 809	1 896
31111	Animal food manufacturing	—	14	6	298	8 620	206	420	5 455	32 386	74 978	107 809	1 896
311119	Other animal food manufacturing	—	12	6	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	—	8	5	627	22 195	516	1 152	16 971	88 456	226 611	313 585	D
31121	Flour milling and malt manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
311211	Flour milling	—	2	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	—	3	2	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	20	10	919	28 180	674	1 220	18 300	74 002	100 237	174 204	5 151
31141	Frozen food manufacturing	—	8	3	419	11 708	324	575	7 586	26 834	24 160	50 984	774
311412	Frozen specialty food manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	1	12	7	500	16 472	350	645	10 714	47 168	76 077	123 220	4 377
311421	Fruit and vegetable canning	1	7	4	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	14	10	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	2	11	9	g	D	D	D	D	D	D	D	15 174
311511	Fluid milk manufacturing	2	10	9	2 205	86 774	968	2 140	34 572	510 469	544 958	1 059 489	15 174
3116	Animal slaughtering and processing	2	'37	20	'4 320	'114 605	3 553	7 398	82 580	'347 384	'806 918	'1 165 609	35 855
31161	Animal slaughtering and processing	2	'37	20	'4 320	'114 605	3 553	7 398	82 580	'347 384	'806 918	'1 165 609	35 855
311611	Animal (except poultry) slaughtering	4	10	4	f	D	D	D	D	D	D	D	4 302
311612	Meat processed from carcasses	2	'21	12	'2 526	'77 409	2 102	4 722	54 294	'225 864	'622 206	'858 268	30 681
311615	Poultry processing	—	5	3	978	17 104	755	1 281	12 013	50 877	85 113	136 044	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	2	167	30	5 738	179 900	3 494	6 860	95 523	513 861	350 939	863 648	17 913
31181	Bread and bakery product manufacturing	1	135	15	3 791	117 846	1 927	3 764	52 310	290 709	151 441	442 770	8 461
311811	Retail bakeries	3	97	4	3 017	103 922	1 384	2 901	42 833	256 780	131 407	389 272	6 923
311812	Commercial bakeries	1	36	10	914	35 842	701	1 604	23 815	136 457	153 231	287 502	7 354
31182	Cookie, cracker, and pasta manufacturing	2	22	7	837	33 088	640	1 489	21 875	123 827	147 155	268 893	7 048
311822	Flour mixes and dough manufacturing from purchased flour	1	12	5	1 033	26 212	866	1 492	19 398	86 695	46 267	133 376	2 098
31183	Tortilla manufacturing	3	10	8	1 033	26 212	866	1 492	19 398	86 695	46 267	133 376	2 098
311830	Tortilla manufacturing	3	10	8	1 033	26 212	866	1 492	19 398	86 695	46 267	133 376	2 098
3119	Other food manufacturing	—	74	34	4 379	147 665	3 389	6 767	100 246	2 639 562	745 698	3 379 953	37 002
31191	Snack food manufacturing	—	12	8	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	10	7	g	D	D	D	D	D	D	D	D
31193	Flavoring syrup and concentrate manufacturing	—	6	4	e	D	D	D	D	D	D	D	2 836
311930	Flavoring syrup and concentrate manufacturing	—	6	4	e	D	D	D	D	D	D	D	2 836
31194	Seasoning and dressing manufacturing	1	16	10	1 231	48 877	879	1 858	30 233	267 465	309 405	574 437	15 485
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	—	7	5	746	30 542	591	1 206	21 216	167 900	170 204	338 042	9 259
311942	Spice and extract manufacturing	3	9	5	485	18 335	288	652	9 017	99 565	139 201	236 395	6 226
31199	All other food manufacturing	4	39	12	g	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	5	13	10	1 149	30 509	953	2 005	21 619	70 349	78 245	148 643	D
312	Beverage and tobacco product manufacturing	4	28	15	h	D	D	D	D	D	D	D	68 440
3121	Beverage manufacturing	4	27	14	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	21	13	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	9	8	1 692	84 584	676	1 496	24 198	191 056	689 501	879 535	36 396
312113	Ice manufacturing	1	9	3	e	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills	6	36	5	e	D	D	D	D	D	D	D	D
314	Textile product mills	2	144	34	2 646	59 366	2 071	4 152	37 348	138 263	118 553	257 782	2 681
3141	Textile furnishings mills	1	67	17	1 450	29 981	1 152	2 345	19 027	87 638	74 746	161 095	1 327
31412	Curtain and linen mills	1	63	16	1 329	26 235	1 076	2 164	17 339	80 347	72 703	151 674	1 314
314121	Curtain and drapery mills	5	41	6	339	7 302	254	488	4 325	9 311	13 266	25 938	191
314129	Other household textile product mills	—	22	10	990	18 933	822	1 676	13 014	71 036	59 437	125 736	1 123
3149	Other textile product mills	4	77	17	1 196	29 385	919	1 807	18 321	50 625	43 807	96 687	1 354
31491	Textile bag and canvas mills	5	22	2	317	7 705	213	389	3 976	8 786	12 265	25 228	224
314912	Canvas and related product mills	7	17	2	266	6 087	187	330	3 468	5 487	8 854	18 743	D
31499	All other textile product mills	4	55	15	879	21 680	706	1 418	14 345	41 839	31 542	71 459	1 130
314999	All other miscellaneous textile product mills	4	55	15	879	21 680	706	1 418	14 345	41 839	31 542	71 459	1 130
315	Apparel manufacturing	3	203	46	3 629	86 778	2 773	4 977	46 672	203 137	175 296	377 286	3 088
3152	Cut and sew apparel manufacturing	4	174	40	2 900	71 923	2 261	4 008	36 734	161 392	146 219	306 094	2 615
31521	Cut and sew apparel contractors	6	119	17	1 102	17 326	974	1 699	13 795	28 172	6 019	34 586	D
315212	Women's, girls', and infants' cut and sew apparel contractors	6	98	14	865	13 444	782	1 368	11 067	21 294	4 479	25 781	D
31522	Men's and boys' cut and sew apparel manufacturing	1	15	5	459	11 122	331	638	6 316	30 913	32 655	60 889	D
31523	Women's and girls' cut and sew apparel manufacturing	5	27	11	913	35 138	610	965	11 444	88 157	99 948	188 859	1 293
315233	Women's and girls' cut and sew dress manufacturing	5	8	4	440	22 369	285	413	5 111	56 017	69 165	126 690	744
315239	Women's and girls' cut and sew other outerwear manufacturing	2	10	3	e	D	D	D	D	D	D	D	372
31529	Other cut and sew apparel manufacturing	2	13	7	426	8 337	346	706	5 179	14 150	7 597	21 760	D
315299	All other cut and sew apparel manufacturing	2	11	6	e	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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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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
315	Apparel manufacturing—Con.												
3159	Apparel accessories and other apparel manufacturing	1	25	5	f	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	1	25	5	f	D	D	D	D	D	D	D	D
315991	Hat, cap, and millinery manufacturing	—	7	5	561	10 215	378	730	6 945	30 085	20 432	50 813	D
316	Leather and allied product manufacturing	1	29	6	420	10 232	348	655	5 975	22 467	56 380	78 347	D
3169	Other leather and allied product manufacturing	4	23	4	e	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing	4	23	4	e	D	D	D	D	D	D	D	D
316999	All other leather goods manufacturing	4	17	3	277	6 934	228	428	3 751	14 546	8 229	22 613	D
321	Wood product manufacturing	2	178	63	6 517	176 253	5 306	11 019	119 340	401 706	604 508	1 006 271	14 339
3211	Sawmills and wood preservation	9	14	3	325	9 587	278	625	7 764	29 329	99 514	131 200	1 988
32111	Sawmills and wood preservation	9	14	3	325	9 587	278	625	7 764	29 329	99 514	131 200	1 988
321114	Wood preservation	9	7	2	279	7 977	239	538	6 584	26 904	93 747	122 927	1 802
3212	Veneer, plywood, and engineered wood product manufacturing	3	12	5	553	17 907	403	895	9 693	33 547	61 119	94 701	810
32121	Veneer, plywood, and engineered wood product manufacturing	3	12	5	553	17 907	403	895	9 693	33 547	61 119	94 701	810
321214	Truss manufacturing	5	6	2	299	10 309	236	513	6 206	20 930	23 434	44 435	527
3219	Other wood product manufacturing	1	152	55	5 639	148 759	4 625	9 499	101 883	338 830	443 875	780 370	11 541
32191	Millwork	1	73	24	2 846	74 958	2 380	4 947	52 614	177 114	270 897	447 146	7 277
321911	Wood window and door manufacturing	—	27	7	1 513	42 071	1 230	2 750	27 748	103 751	120 792	223 482	2 526
321912	Cut stock, resawing lumber, and planing	—	7	5	670	16 709	579	1 121	12 857	39 485	116 115	156 063	3 380
321918	Other millwork (including flooring)	5	39	12	663	16 178	571	1 076	12 009	33 878	33 990	67 601	1 371
32192	Wood container and pallet manufacturing	3	34	11	563	14 522	491	1 005	10 949	26 429	27 473	53 632	1 475
321920	Wood container and pallet manufacturing	3	34	11	563	14 522	491	1 005	10 949	26 429	27 473	53 632	1 475
32199	All other wood product manufacturing	1	45	20	2 230	59 279	1 754	3 547	38 320	135 287	145 505	279 592	2 789
321991	Manufactured home (mobile home) manufacturing	—	12	10	1 584	41 946	1 233	2 500	26 394	88 435	107 347	194 354	1 672
321992	Prefabricated wood building manufacturing	4	8	4	263	7 422	198	405	4 508	25 356	20 255	45 915	515
321999	All other miscellaneous wood product manufacturing	5	25	6	383	9 911	323	642	7 418	21 496	17 903	39 323	602
322	Paper manufacturing	1	125	85	8 249	304 071	6 414	13 477	202 857	805 572	1 148 475	1 936 753	47 147
3221	Pulp, paper, and paperboard mills	—	4	4	540	27 571	408	873	17 861	86 681	103 557	187 925	22 530
32213	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	121	81	7 709	276 500	6 006	12 604	184 996	718 891	1 044 918	1 748 828	24 617
32221	Paperboard container manufacturing	1	65	49	5 288	186 122	4 159	8 786	126 672	468 927	751 057	1 198 924	18 062
322211	Corrugated and solid fiber box manufacturing	1	46	33	3 338	128 658	2 450	5 125	80 271	301 311	564 451	865 069	11 092
322212	Folding paperboard box manufacturing	1	9	7	f	D	D	D	D	D	D	D	D
322214	Fiber can, tube, drum, and similar products manufacturing	—	7	6	e	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	1	24	13	868	34 638	672	1 435	23 045	89 342	173 516	267 590	3 735
32223	Stationery product manufacturing	—	18	11	1 094	42 318	799	1 612	25 478	111 756	98 363	214 322	2 094
322232	Envelope manufacturing	1	11	8	816	30 733	607	1 257	20 012	64 644	72 029	138 393	1 811
32229	Other converted paper product manufacturing	3	14	8	459	13 422	376	771	9 801	48 866	21 982	67 992	726
322299	All other converted paper product manufacturing	2	11	8	e	D	D	D	D	D	D	D	D

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DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.													
323	Printing and related support activities	2	'900	'184	'18 451	'680 915	'12 883	'24 644	'393 529	'1 617 892	'1 019 485	'2 655 693	'89 035
3231	Printing and related support activities	2	'900	'184	'18 451	'680 915	'12 883	'24 644	'393 529	'1 617 892	'1 019 485	'2 655 693	'89 035
32311	Printing	2	'822	'162	'16 794	'630 292	'11 530	'22 054	'359 673	'1 520 672	'992 719	'2 531 475	'83 415
323110	Commercial lithographic printing	2	368	77	9 153	373 513	6 308	12 306	210 153	848 452	515 151	1 367 390	50 259
323112	Commercial flexographic printing	2	24	7	590	17 443	366	699	8 212	61 363	32 448	93 839	2 045
323113	Commercial screen printing ..	3	110	18	1 173	37 526	870	1 633	21 578	66 581	49 291	118 234	2 105
323114	Quick printing	4	178	12	1 130	34 819	750	1 366	19 918	85 212	29 341	114 499	D
323115	Digital printing	1	25	9	654	27 037	516	784	17 843	69 524	17 483	87 395	2 525
323116	Manifold business forms printing	2	33	21	1 964	72 432	1 220	2 405	39 726	245 131	252 979	507 421	5 708
323117	Books printing	1	14	3	879	29 681	689	1 396	20 840	56 599	36 056	93 676	2 125
323118	Blankbook, looseleaf binders, and devices manufacturing ..	2	8	5	355	8 039	282	524	5 875	22 974	19 472	43 058	D
323119	Other commercial printing ...	1	'57	'9	'826	'26 531	'482	'843	'14 107	'59 067	'36 708	'96 406	'8 419
32312	Support activities for printing ...	2	78	22	1 657	50 623	1 353	2 590	33 856	97 220	26 766	124 218	5 620
323121	Tradebinding and related work	1	36	14	1 189	29 609	1 041	2 013	21 981	54 716	13 824	68 791	3 536
323122	Prepress services	4	42	8	468	21 014	312	577	11 875	42 504	12 942	55 427	2 084
324	Petroleum and coal products manufacturing	-	36	17	1 574	67 911	1 003	1 819	42 591	326 022	568 362	894 366	14 714
3241	Petroleum and coal products manufacturing	-	36	17	1 574	67 911	1 003	1 819	42 591	326 022	568 362	894 366	14 714
32412	Asphalt paving, roofing, and saturated materials manufacturing	-	22	11	1 209	51 828	862	1 573	37 625	268 990	381 598	650 148	12 957
324122	Asphalt shingle and coating materials manufacturing ...	-	12	8	963	40 820	679	1 318	29 591	218 100	317 754	535 955	9 674
32419	Other petroleum and coal products manufacturing	4	12	5	e	D	D	D	D	D	D	D	D
324191	Petroleum lubricating oil and grease manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	'304	'118	'10 314	'432 243	'6 678	'13 626	'241 782	'2 998 233	'2 263 999	'5 258 613	'161 694
3251	Basic chemical manufacturing ...	2	36	13	656	34 371	372	820	16 872	118 375	105 840	225 232	8 366
32519	Other basic organic chemical manufacturing	-	10	6	313	14 989	178	397	7 004	60 559	49 472	109 972	4 288
325199	All other basic organic chemical manufacturing	-	10	6	313	14 989	178	397	7 004	60 559	49 472	109 972	4 288
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	17	11	672	29 860	478	1 021	17 144	104 721	248 292	352 962	9 957
32521	Resin and synthetic rubber manufacturing	-	17	11	672	29 860	478	1 021	17 144	104 721	248 292	352 962	9 957
325211	Plastics material and resin manufacturing	-	14	10	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	1	25	10	1 571	70 857	1 055	2 135	50 170	396 027	247 167	649 885	21 845
32541	Pharmaceutical and medicine manufacturing	1	25	10	1 571	70 857	1 055	2 135	50 170	396 027	247 167	649 885	21 845
325412	Pharmaceutical preparation manufacturing	1	13	6	1 329	59 019	916	1 932	44 123	360 965	208 592	573 691	19 447
3255	Paint, coating, and adhesive manufacturing	-	60	25	2 298	92 611	1 573	3 232	53 000	667 075	889 353	1 558 216	73 551
32551	Paint and coating manufacturing	-	32	12	1 576	66 295	1 035	2 111	36 542	507 047	714 697	1 223 441	66 971
325510	Paint and coating manufacturing	-	32	12	1 576	66 295	1 035	2 111	36 542	507 047	714 697	1 223 441	66 971
32552	Adhesive manufacturing	2	28	13	722	26 316	538	1 121	16 458	160 028	174 656	334 775	6 580
325520	Adhesive manufacturing	2	28	13	722	26 316	538	1 121	16 458	160 028	174 656	334 775	6 580
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	1	71	23	2 746	102 701	1 653	3 163	48 776	1 423 983	489 728	1 898 442	32 563
32561	Soap and cleaning compound manufacturing	1	48	12	908	35 880	564	1 049	18 114	273 152	130 130	401 616	8 170
325611	Soap and other detergent manufacturing	1	24	6	602	23 199	386	690	12 126	218 891	96 487	315 162	4 708
325612	Polish and other sanitation good manufacturing	1	21	5	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	23	11	1 838	66 821	1 089	2 114	30 662	1 150 831	359 598	1 496 826	24 393
325620	Toilet preparation manufacturing	-	23	11	1 838	66 821	1 089	2 114	30 662	1 150 831	359 598	1 496 826	24 393

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Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.													
325	Chemical manufacturing—Con.												
3259	Other chemical product and preparation manufacturing	2	'83	'33	'2 126	'94 012	'1 371	'2 840	'51 231	'268 994	'271 150	'542 097	'14 308
32591	Printing ink manufacturing	1	18	6	e	D	D	D	D	D	D	D	D
325910	Printing ink manufacturing	1	18	6	e	D	D	D	D	D	D	D	D
32592	Explosives manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	3	'58	'22	g	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	3	20	7	392	14 377	283	584	8 650	49 940	62 055	111 759	2 552
325998	All other miscellaneous chemical product and preparation manufacturing	3	'27	'10	'763	'34 146	'430	'857	'14 630	'102 296	'98 586	'198 131	'7 211
326	Plastics and rubber products manufacturing	1	303	140	14 784	464 755	12 165	25 154	332 369	1 256 462	1 419 865	2 666 726	132 188
3261	Plastics product manufacturing	1	252	122	13 209	424 187	10 895	22 606	305 064	1 170 689	1 332 647	2 495 532	127 421
32611	Plastics packaging materials and un laminated film and sheet manufacturing	1	33	19	3 074	119 609	2 446	5 339	83 360	332 565	423 102	752 331	30 195
326111	Plastics bag manufacturing	1	12	6	2 125	83 558	1 690	3 680	57 324	232 871	269 925	499 058	18 855
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
326113	Un laminated plastics film and sheet (except packaging) manufacturing	1	17	10	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	1	22	9	f	D	D	D	D	D	D	D	6 639
326122	Plastics pipe and pipe fitting manufacturing	—	8	4	340	12 687	252	516	7 557	19 557	41 542	58 429	5 736
32614	Polystyrene foam product manufacturing	—	14	7	1 107	37 082	926	1 939	28 472	133 860	108 732	240 801	18 735
326140	Polystyrene foam product manufacturing	—	14	7	1 107	37 082	926	1 939	28 472	133 860	108 732	240 801	18 735
32615	Urethane and other foam product (except polystyrene) manufacturing	1	26	12	816	23 899	666	1 349	15 801	64 006	96 466	159 374	D
326150	Urethane and other foam product (except polystyrene) manufacturing	1	26	12	816	23 899	666	1 349	15 801	64 006	96 466	159 374	D
32616	Plastics bottle manufacturing	—	11	9	798	28 284	665	1 364	23 374	134 349	109 780	239 008	18 759
326160	Plastics bottle manufacturing	—	11	9	798	28 284	665	1 364	23 374	134 349	109 780	239 008	18 759
32619	Other plastics product manufacturing	1	145	66	6 842	194 266	5 761	11 718	141 305	467 560	534 320	1 008 228	49 517
326191	Plastics plumbing fixture manufacturing	1	18	11	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	126	55	6 040	172 172	5 104	10 368	125 254	402 369	493 699	902 382	45 223
3262	Rubber product manufacturing	2	51	18	1 575	40 568	1 270	2 548	27 305	85 773	87 218	171 194	4 767
32629	Other rubber product manufacturing	2	35	12	1 338	33 345	1 096	2 206	22 960	70 490	63 125	132 947	3 149
326291	Rubber product manufacturing for mechanical use	1	12	3	448	9 225	390	733	6 231	26 063	18 476	44 899	867
326299	All other rubber product manufacturing	3	23	9	890	24 120	706	1 473	16 729	44 427	44 649	88 048	2 282
327	Nonmetallic mineral product manufacturing	2	273	108	10 348	376 653	8 353	17 950	278 728	1 441 311	1 138 193	2 570 626	92 538
3271	Clay product and refractory manufacturing	—	18	11	1 653	49 545	1 398	2 856	38 197	185 125	90 459	272 412	15 267
32712	Clay building material and refractories manufacturing	—	12	9	1 581	47 399	1 333	2 683	36 580	181 108	88 531	266 631	15 093
327121	Brick and structural clay tile manufacturing	2	4	4	e	D	D	D	D	D	D	D	D
327122	Ceramic wall and floor tile manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	2	37	12	979	32 123	768	1 531	22 225	85 567	76 037	159 871	7 588
32721	Glass and glass product manufacturing	2	37	12	979	32 123	768	1 531	22 225	85 567	76 037	159 871	7 588
327215	Glass product manufacturing made of purchased glass	3	33	11	f	D	D	D	D	D	D	D	7 336

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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing	2	153	68	5 650	212 318	4 671	10 232	161 842	821 998	720 052	1 536 320	50 643
32731	Cement manufacturing	—	4	3	579	28 785	482	1 097	23 265	225 907	131 893	354 899	18 345
327310	Cement manufacturing	—	4	3	579	28 785	482	1 097	23 265	225 907	131 893	354 899	18 345
32732	Ready-mix concrete manufacturing	4	94	37	2 832	112 842	2 401	5 350	89 248	285 513	434 115	720 018	21 232
327320	Ready-mix concrete manufacturing	4	94	37	2 832	112 842	2 401	5 350	89 248	285 513	434 115	720 018	21 232
32733	Concrete pipe, brick, and block manufacturing	—	14	9	825	25 999	664	1 420	18 064	101 244	62 079	166 263	4 760
327331	Concrete block and brick manufacturing	—	8	5	e	D	D	D	D	D	D	D	3 596
327332	Concrete pipe manufacturing	—	6	4	e	D	D	D	D	D	D	D	1 164
32739	Other concrete product manufacturing	2	41	19	1 414	44 692	1 124	2 365	31 265	209 334	91 965	295 140	6 306
327390	Other concrete product manufacturing	2	41	19	1 414	44 692	1 124	2 365	31 265	209 334	91 965	295 140	6 306
3274	Lime and gypsum product manufacturing	5	8	4	319	11 366	253	598	8 096	32 153	42 462	74 663	2 558
3279	Other nonmetallic mineral product manufacturing	1	57	13	1 747	71 301	1 263	2 733	48 368	316 468	209 183	527 360	16 482
32799	All other nonmetallic mineral product manufacturing	—	54	12	1 693	69 468	1 226	2 655	47 480	313 513	206 117	521 313	16 413
327991	Cut stone and stone product manufacturing	3	36	6	f	D	D	D	D	D	D	D	2 961
327993	Mineral wool manufacturing	—	8	3	957	46 674	659	1 487	32 080	250 216	157 750	409 719	12 558
331	Primary metal manufacturing	—	82	27	4 463	171 551	3 638	7 796	120 336	401 748	629 308	1 029 640	31 661
3311	Iron and steel mills and ferroalloy manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	3	1	g	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	2	12	5	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	3	11	4	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	14	4	1 371	49 048	1 109	2 384	31 510	139 651	178 615	318 117	6 277
33131	Alumina and aluminum production and processing	—	14	4	1 371	49 048	1 109	2 384	31 510	139 651	178 615	318 117	6 277
331316	Aluminum extruded product manufacturing	—	6	3	1 209	42 625	968	2 118	26 254	109 112	149 201	258 020	4 880
3315	Foundries	1	36	15	1 571	49 867	1 324	2 808	36 829	106 204	50 907	157 727	D
33151	Ferrous metal foundries	—	14	6	1 136	37 019	951	2 070	27 443	79 279	37 451	117 250	4 159
331513	Steel foundries (except investment)	—	4	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	3	22	9	435	12 848	373	738	9 386	26 925	13 456	40 477	D
331524	Aluminum foundries (except die-casting)	1	11	7	276	8 080	233	499	5 686	15 981	7 877	23 857	1 052
332	Fabricated metal product manufacturing	'1	1 103	337	'30 314	'1 015 093	'22 590	'44 162	'626 932	'2 469 057	'1 960 791	'4 431 231	'120 057
3321	Forging and stamping	2	'48	'32	'1 696	'59 791	'1 228	'2 463	'35 737	'143 567	'129 407	'272 105	'5 170
33211	Forging and stamping	2	'48	'32	'1 696	'59 791	'1 228	'2 463	'35 737	'143 567	'129 407	'272 105	'5 170
332111	Iron and steel forging	3	8	4	e	D	D	D	D	D	D	D	1 473
332114	Custom roll forming	—	10	6	427	14 999	275	505	8 376	43 974	57 758	100 776	867
332116	Metal stamping	3	'28	'20	'862	'30 734	'652	'1 360	'18 273	'67 267	'48 240	'115 330	'2 830
3322	Cutlery and handtool manufacturing	—	22	6	1 263	41 087	1 044	1 909	30 094	130 056	77 006	202 769	3 541
33221	Cutlery and handtool manufacturing	—	22	6	1 263	41 087	1 044	1 909	30 094	130 056	77 006	202 769	3 541
332212	Hand and edge tool manufacturing	—	14	4	926	29 275	788	1 440	22 216	105 480	62 200	163 789	2 863
332213	Saw blade and handsaw manufacturing	—	4	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing	'1	'333	'127	'13 301	'424 465	'9 584	'19 114	'246 195	'931 597	'943 179	'1 884 253	'51 413
33231	Plate work and fabricated structural product manufacturing	2	118	46	3 354	117 066	2 404	4 978	69 583	292 016	325 419	619 977	15 923
332311	Prefabricated metal building and component manufacturing	2	19	8	545	18 264	348	713	11 378	64 397	73 321	137 268	1 659
332312	Fabricated structural metal manufacturing	2	73	31	2 371	83 717	1 733	3 540	48 218	202 955	231 787	435 688	12 583
332313	Plate work manufacturing	4	26	7	438	15 085	323	725	9 987	24 664	20 311	47 021	1 681
33232	Ornamental and architectural metal products manufacturing	'1	'215	'81	'9 947	'307 399	'7 180	'14 136	'176 612	'639 581	'617 760	'1 264 276	'35 490
332321	Metal window and door manufacturing	'1	'42	'21	'4 443	'133 558	'2 984	'5 740	'67 869	'280 312	'291 051	'573 923	'10 926
332322	Sheet metal work manufacturing	'2	'121	'50	'4 872	'151 047	'3 747	'7 543	'95 931	'310 862	'294 911	'610 615	'23 090
332323	Ornamental and architectural metal work manufacturing ..	2	52	10	632	22 794	449	853	12 812	48 407	31 798	79 738	1 474
3324	Boiler, tank, and shipping container manufacturing	1	22	8	679	27 718	517	1 142	19 116	78 256	120 175	202 589	3 203
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	10	5	431	18 900	323	740	13 056	56 045	104 537	165 694	2 732
332439	Other metal container manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	5	15	4	347	11 292	268	572	6 845	29 796	14 288	44 067	595
33251	Hardware manufacturing	5	15	4	347	11 292	268	572	6 845	29 796	14 288	44 067	595
332510	Hardware manufacturing	5	15	4	347	11 292	268	572	6 845	29 796	14 288	44 067	595
3326	Spring and wire product manufacturing	2	48	20	1 671	48 234	1 396	2 734	34 396	155 996	108 303	264 817	7 157
33261	Spring and wire product manufacturing	2	48	20	1 671	48 234	1 396	2 734	34 396	155 996	108 303	264 817	7 157
332612	Spring (light gauge) manufacturing	1	9	6	592	16 881	504	958	13 304	92 839	43 940	137 331	D
332618	Other fabricated wire product manufacturing	4	35	12	963	27 912	790	1 601	18 317	56 279	55 011	111 137	3 823
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	386	69	4 799	182 091	3 614	6 913	116 388	409 113	177 603	575 616	21 877
33271	Machine shops	2	333	51	3 602	137 662	2 689	5 036	86 676	319 995	140 002	449 288	16 398
332710	Machine shops	2	333	51	3 602	137 662	2 689	5 036	86 676	319 995	140 002	449 288	16 398
33272	Turned product and screw, nut, and bolt manufacturing	4	53	18	1 197	44 429	925	1 877	29 712	89 118	37 601	126 328	5 479
332721	Precision turned product manufacturing	4	44	14	985	37 154	758	1 563	24 924	73 207	23 433	96 013	4 750
3328	Coating, engraving, heat treating, and allied activities	1	120	30	2 022	61 704	1 571	2 947	38 836	117 704	43 393	159 476	6 594
33281	Coating, engraving, heat treating, and allied activities ..	1	120	30	2 022	61 704	1 571	2 947	38 836	117 704	43 393	159 476	6 594
332811	Metal heat treating	1	13	5	270	9 780	215	439	6 684	21 559	6 065	27 569	1 376
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	54	13	824	22 199	644	1 010	14 139	41 235	21 365	63 239	3 695
332813	Electroplating, plating, polishing, anodizing, and coloring	1	53	12	928	29 725	712	1 498	18 013	54 910	15 963	68 668	1 523
3329	Other fabricated metal product manufacturing	—	109	41	4 536	158 711	3 368	6 368	99 325	472 972	347 437	825 539	20 507
33291	Metal valve manufacturing	—	21	13	1 968	75 728	1 391	2 960	45 276	259 748	189 087	453 853	10 508
332911	Industrial valve manufacturing	—	9	5	770	29 122	482	1 048	15 659	113 324	108 342	224 854	D
332912	Fluid power valve and hose fitting manufacturing	—	7	4	431	20 466	288	656	11 277	51 564	22 261	75 934	D
332913	Plumbing fixture fitting and trim manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	88	28	2 568	82 983	1 977	3 408	54 049	213 224	158 350	371 686	9 999
332993	Ammunition (except small arms) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	—	11	4	252	8 231	199	429	5 398	17 363	36 171	51 911	1 134
332999	All other miscellaneous fabricated metal product manufacturing	1	60	21	1 439	44 678	1 076	1 891	27 334	95 929	77 000	173 692	4 411

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)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.													
333	Machinery manufacturing	2	441	152	19 835	786 706	12 705	25 623	393 460	1 698 636	1 884 226	3 593 837	91 409
3331	Agriculture, construction, and mining machinery manufacturing	1	61	24	3 745	174 416	2 486	5 357	97 280	407 690	433 752	800 067	24 192
33312	Construction machinery manufacturing	4	15	5	479	19 516	306	554	10 061	37 585	48 267	83 557	1 690
333120	Construction machinery manufacturing	4	15	5	479	19 516	306	554	10 061	37 585	48 267	83 557	1 690
33313	Mining and oil and gas field machinery manufacturing	1	40	19	3 216	153 175	2 143	4 728	86 236	365 439	377 539	703 898	22 215
333132	Oil and gas field machinery and equipment manufacturing	1	35	18	2 990	144 052	2 010	4 480	81 794	352 027	360 878	673 599	21 944
3332	Industrial machinery manufacturing	4	89	23	2 480	111 479	1 253	2 402	37 682	191 480	234 058	421 222	D
33329	Other industrial machinery manufacturing	4	76	22	2 393	107 791	1 190	2 295	35 801	184 485	228 934	409 223	D
333293	Printing machinery and equipment manufacturing ..	2	20	7	551	21 573	343	707	10 893	44 799	43 820	88 047	D
333295	Semiconductor machinery manufacturing	5	13	7	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	7	24	4	531	22 529	306	547	9 801	44 948	35 668	80 886	D
3333	Commercial and service industry machinery manufacturing	1	42	14	1 712	78 987	702	1 188	20 262	100 214	224 909	350 504	6 865
33331	Commercial and service industry machinery manufacturing	1	42	14	1 712	78 987	702	1 188	20 262	100 214	224 909	350 504	6 865
333313	Office machinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	2	24	9	718	30 146	366	740	9 604	72 352	59 117	131 188	2 071
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	54	26	3 893	115 011	2 794	5 699	66 403	320 955	283 732	601 706	6 565
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	54	26	3 893	115 011	2 794	5 699	66 403	320 955	283 732	601 706	6 565
333411	Air purification equipment manufacturing	—	12	7	978	21 389	762	1 534	14 072	53 978	46 453	101 575	1 612
333412	Industrial and commercial fan and blower manufacturing ..	—	5	2	e	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing	4	7	2	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	30	15	2 158	69 067	1 486	3 176	38 295	206 169	199 518	402 239	3 490
3335	Metalworking machinery manufacturing	1	67	12	1 953	68 482	1 480	3 304	42 902	123 025	158 205	292 807	12 232
33351	Metalworking machinery manufacturing	1	67	12	1 953	68 482	1 480	3 304	42 902	123 025	158 205	292 807	12 232
333511	Industrial mold manufacturing	—	18	5	1 307	42 327	1 092	2 498	29 937	63 314	120 698	196 162	10 155
333518	Other metalworking machinery manufacturing ..	7	5	3	284	11 564	157	371	4 614	31 480	20 036	50 062	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	10	7	1 028	37 685	819	1 612	28 240	147 785	97 337	243 841	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	10	7	1 028	37 685	819	1 612	28 240	147 785	97 337	243 841	D
333611	Turbine and turbine generator set units manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	—	3	3	f	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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	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing	3	118	46	5 024	200 646	3 171	6 061	100 691	407 487	452 233	883 690	27 672
33391	Pump and compressor manufacturing	6	7	4	646	28 401	392	778	13 974	75 054	81 781	172 420	5 927
333911	Pump and pumping equipment manufacturing ..	6	5	4	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	1	45	24	2 623	106 111	1 623	3 106	50 012	127 068	244 697	380 228	16 641
333921	Elevator and moving stairway manufacturing	—	8	6	f	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	1	23	11	1 287	54 910	717	1 324	23 304	80 875	49 232	131 559	10 345
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	2	10	4	608	25 170	403	770	12 816	20 187	97 594	116 620	D
33399	All other general purpose machinery manufacturing	4	66	18	1 755	66 134	1 156	2 177	36 705	205 365	125 755	331 042	5 104
333992	Welding and soldering equipment manufacturing ..	9	2	1	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	37	10	797	28 982	500	871	14 078	97 356	61 859	159 269	2 230
334	Computer and electronic product manufacturing	—	410	173	50 729	2 733 510	19 294	37 849	734 890	6 405 275	9 982 339	16 419 822	759 234
3341	Computer and peripheral equipment manufacturing	2	45	10	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	2	45	10	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	14	1	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	1	23	7	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	72	36	11 179	453 800	4 071	7 591	133 286	2 041 655	4 095 250	6 239 632	D
33421	Telephone apparatus manufacturing	—	25	11	4 931	142 964	776	1 474	30 663	631 697	345 061	849 838	D
334210	Telephone apparatus manufacturing	—	25	11	4 931	142 964	776	1 474	30 663	631 697	345 061	849 838	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	32	19	5 660	286 828	3 027	5 697	95 519	1 364 365	3 702 452	5 294 675	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	32	19	5 660	286 828	3 027	5 697	95 519	1 364 365	3 702 452	5 294 675	D
33429	Other communications equipment manufacturing	2	15	6	588	24 008	268	420	7 104	45 593	47 737	95 119	D
334290	Other communications equipment manufacturing ..	2	15	6	588	24 008	268	420	7 104	45 593	47 737	95 119	D
3343	Audio and video equipment manufacturing	1	13	4	e	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing	1	13	4	e	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing	1	13	4	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	154	73	22 474	1 361 236	7 513	15 568	303 505	2 611 193	4 659 781	7 213 382	619 845
33441	Semiconductor and other electronic component manufacturing	—	154	73	22 474	1 361 236	7 513	15 568	303 505	2 611 193	4 659 781	7 213 382	619 845
334412	Bare printed circuit board manufacturing	4	32	13	748	26 270	558	1 231	14 877	50 788	35 479	86 863	3 397
334413	Semiconductor and related device manufacturing	—	38	19	16 451	1 124 678	3 894	8 340	192 304	2 005 371	4 029 430	5 978 267	586 995
334417	Electronic connector manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	1	27	17	2 888	105 019	1 512	2 743	39 251	262 234	234 667	496 475	23 230
334419	Other electronic component manufacturing	1	41	17	1 885	87 382	1 235	2 571	49 254	262 175	331 091	591 170	4 422

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	104	43	j	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	104	43	j	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing . . .	—	8	5	f	D	D	D	D	D	D	D	4 760
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	26	17	9 986	565 183	4 801	8 794	202 698	1 141 379	686 900	1 827 542	53 005
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	—	6	1	445	26 365	305	686	15 268	10 668	34 978	45 945	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	20	7	1 073	44 756	516	1 050	14 410	105 549	61 433	172 232	2 860
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2	21	6	552	27 275	188	351	5 200	60 317	29 520	89 775	D
334516	Analytical laboratory instrument manufacturing . .	—	9	3	2 037	122 943	362	792	15 285	162 420	154 157	294 436	D
334519	Other measuring and controlling device manufacturing	—	10	3	349	11 543	224	289	5 584	16 798	13 861	32 739	D
3346	Manufacturing and reproducing magnetic and optical media	1	22	7	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media . .	1	22	7	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	1	11	6	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	126	54	6 295	209 352	4 367	8 796	113 281	517 768	642 996	1 160 510	41 816
3351	Electric lighting equipment manufacturing	3	28	11	718	22 609	473	1 059	12 179	53 705	50 996	105 083	8 046
33512	Lighting fixture manufacturing . .	3	28	11	718	22 609	473	1 059	12 179	53 705	50 996	105 083	8 046
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	1	12	5	303	8 683	204	444	4 800	15 569	22 138	37 764	4 836
3352	Household appliance manufacturing	—	3	3	668	16 331	561	1 067	10 240	47 311	81 105	124 678	3 649
33521	Small electrical appliance manufacturing	—	3	3	668	16 331	561	1 067	10 240	47 311	81 105	124 678	3 649
335211	Electric housewares and household fan manufacturing	—	3	3	668	16 331	561	1 067	10 240	47 311	81 105	124 678	3 649
3353	Electrical equipment manufacturing	—	41	14	1 819	63 599	1 205	2 130	34 559	144 650	145 513	288 832	4 412
33531	Electrical equipment manufacturing	—	41	14	1 819	63 599	1 205	2 130	34 559	144 650	145 513	288 832	4 412
335313	Switchgear and switchboard apparatus manufacturing . .	—	12	7	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	2	20	6	e	D	D	D	D	D	D	D	2 802
3359	Other electrical equipment and component manufacturing	1	54	26	3 090	106 813	2 128	4 540	56 303	272 102	365 382	641 917	25 709
33592	Communication and energy wire and cable manufacturing . .	—	13	11	1 798	52 283	1 360	2 976	32 821	152 150	282 839	438 463	D
335929	Other communication and energy wire manufacturing . .	—	10	9	g	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	4	29	10	1 015	44 427	600	1 230	19 219	94 742	61 136	157 008	D
335991	Carbon and graphite product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing . .	5	27	9	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
336	Transportation equipment manufacturing	—	269	103	44 679	2 748 205	24 640	48 619	1 308 899	9 493 008	10 384 721	18 987 305	308 713
3361	Motor vehicle manufacturing	—	5	3	h	D	D	D	D	D	D	D	8 566
33611	Automobile and light duty motor vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	45	17	g	D	D	D	D	D	D	D	2 453
33621	Motor vehicle body and trailer manufacturing	1	45	17	g	D	D	D	D	D	D	D	2 453
336211	Motor vehicle body manufacturing	—	11	6	e	D	D	D	D	D	D	D	1 136
336212	Truck trailer manufacturing ..	2	14	7	e	D	D	D	D	D	D	D	855
336213	Motor home manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	4	19	3	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	117	44	6 452	250 734	4 986	8 895	159 457	520 265	1 270 075	1 807 634	65 128
33631	Motor vehicle gasoline engine and engine parts manufacturing	1	22	7	1 111	48 152	945	1 891	31 923	75 985	274 205	354 852	11 853
336312	Gasoline engine and engine parts manufacturing	1	16	5	1 004	45 401	849	1 709	29 658	69 939	270 907	345 553	11 599
33632	Motor vehicle electrical and electronic equipment manufacturing	2	23	11	1 078	35 131	695	1 409	17 499	88 871	76 040	169 493	3 672
336321	Vehicular lighting equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	4	21	10	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	8	1	352	12 208	268	445	6 350	34 884	28 132	63 187	D
336350	Motor vehicle transmission and power train parts manufacturing	—	8	1	352	12 208	268	445	6 350	34 884	28 132	63 187	D
33636	Motor vehicle seating and interior trim manufacturing	—	10	3	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	10	3	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	43	18	2 685	92 154	2 154	3 170	59 251	196 889	502 090	705 655	40 548
336391	Motor vehicle air-conditioning manufacturing	—	17	9	1 919	69 854	1 513	1 863	43 199	143 671	451 425	602 143	38 259
336399	All other motor vehicle parts manufacturing	5	26	9	766	22 300	641	1 307	16 052	53 218	50 665	103 512	2 289
3364	Aerospace product and parts manufacturing	—	76	35	31 557	2 136 479	14 103	28 489	863 496	4 660 616	3 646 975	7 413 867	229 060
33641	Aerospace product and parts manufacturing	—	76	35	31 557	2 136 479	14 103	28 489	863 496	4 660 616	3 646 975	7 413 867	229 060
336411	Aircraft manufacturing	—	15	6	20 503	1 457 515	7 065	15 613	454 218	3 491 784	2 915 218	5 513 522	D
336412	Aircraft engine and engine parts manufacturing	1	15	9	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	2	40	17	6 352	353 530	4 233	7 482	224 956	647 815	345 604	984 084	37 363
336414	Guided missile and space vehicle manufacturing	—	2	2	h	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	14	2	e	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	14	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)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing	2	415	113	12 058	360 809	9 411	19 677	230 233	846 459	653 240	1 497 496	28 403
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	301	61	6 928	196 489	5 641	11 507	134 325	460 308	332 826	794 739	14 778
33711	Wood kitchen cabinet and countertop manufacturing ...	1	174	35	4 367	124 198	3 539	7 406	85 915	208 860	162 885	369 734	8 893
337110	Wood kitchen cabinet and countertop manufacturing ..	1	174	35	4 367	124 198	3 539	7 406	85 915	208 860	162 885	369 734	8 893
33712	Household and institutional furniture manufacturing	3	127	26	2 561	72 291	2 102	4 101	48 410	251 448	169 941	425 005	5 885
337121	Upholstered household furniture manufacturing	1	35	12	1 334	38 339	1 090	2 124	24 812	129 568	84 976	216 831	3 496
337122	Nonupholstered wood household furniture manufacturing	6	59	5	461	10 205	407	742	8 462	19 635	14 814	34 924	453
337127	Institutional furniture manufacturing	4	16	6	443	12 563	387	759	9 298	27 240	23 408	50 428	1 620
3372	Office furniture (including fixtures) manufacturing	1	83	36	3 543	120 685	2 560	5 508	70 909	251 532	213 071	465 445	D
33721	Office furniture (including fixtures) manufacturing	1	83	36	3 543	120 685	2 560	5 508	70 909	251 532	213 071	465 445	D
337211	Wood office furniture manufacturing	—	9	3	438	17 068	272	616	8 437	43 561	27 169	71 120	D
337212	Custom architectural woodwork and millwork manufacturing	1	24	10	411	13 492	304	617	8 392	25 379	12 878	38 190	1 306
337215	Showcase, partition, shelving, and locker manufacturing	1	45	22	2 574	86 180	1 881	4 082	50 932	171 090	165 861	337 336	7 323
3379	Other furniture related product manufacturing	—	31	16	1 587	43 635	1 210	2 662	24 999	134 619	107 343	237 312	D
33791	Mattress manufacturing	—	15	6	662	20 988	509	1 166	12 029	88 208	68 073	151 507	D
337910	Mattress manufacturing	—	15	6	662	20 988	509	1 166	12 029	88 208	68 073	151 507	D
33792	Blind and shade manufacturing	—	16	10	925	22 647	701	1 496	12 970	46 411	39 270	85 805	D
337920	Blind and shade manufacturing	—	16	10	925	22 647	701	1 496	12 970	46 411	39 270	85 805	D
339	Miscellaneous manufacturing	3	610	117	12 576	412 455	8 723	16 346	218 967	1 145 082	685 693	1 838 961	52 202
3391	Medical equipment and supplies manufacturing	4	188	29	4 669	168 186	3 343	6 736	91 896	464 561	238 180	710 752	29 925
33911	Medical equipment and supplies manufacturing	4	188	29	4 669	168 186	3 343	6 736	91 896	464 561	238 180	710 752	29 925
339112	Surgical and medical instrument manufacturing ..	2	21	9	1 156	55 664	642	1 388	20 863	132 964	72 750	207 797	16 491
339113	Surgical appliance and supplies manufacturing	3	29	5	1 456	49 921	1 170	2 373	29 984	194 804	96 232	295 115	6 529
339115	Ophthalmic goods manufacturing	7	12	5	1 083	34 284	794	1 615	20 966	90 706	54 100	144 688	5 065
339116	Dental laboratories	4	110	7	828	23 922	626	1 172	17 511	38 983	10 065	50 649	1 729
3399	Other miscellaneous manufacturing	2	422	88	7 907	244 269	5 380	9 610	127 071	680 521	447 513	1 128 209	22 277
33991	Jewelry and silverware manufacturing	1	51	11	1 118	28 011	889	1 491	15 985	137 061	82 250	218 587	D
339911	Jewelry (except costume) manufacturing	—	32	5	497	14 962	401	709	9 582	87 903	41 964	129 485	1 206
339914	Costume jewelry and novelty manufacturing	1	11	2	e	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	—	37	10	1 544	49 042	765	1 613	19 614	112 653	143 757	261 468	4 434
339920	Sporting and athletic goods manufacturing	—	37	10	1 544	49 042	765	1 613	19 614	112 653	143 757	261 468	4 434
33995	Sign manufacturing	3	166	29	2 491	86 365	1 600	3 083	42 687	201 183	120 831	321 096	4 830
339950	Sign manufacturing	3	166	29	2 491	86 365	1 600	3 083	42 687	201 183	120 831	321 096	4 830
33999	All other miscellaneous manufacturing	2	140	34	2 489	74 037	1 925	3 086	44 960	214 239	92 346	303 353	10 389
339991	Gasket, packing, and sealing device manufacturing	6	15	7	329	10 867	225	449	4 983	24 902	16 980	41 928	579
339999	All other miscellaneous manufacturing	2	104	25	1 966	58 457	1 537	2 318	36 717	175 940	67 731	240 593	8 072
Dallas-Plano-Irving, TX Metropolitan Division													
31-33	Manufacturing	1	4 148	1 318	187 752	7 729 037	117 996	232 971	3 726 263	21 739 270	22 119 033	43 739 295	1 587 314

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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)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.													
Dallas-Plano-Irving, TX Metropolitan Division—Con.													
311	Food manufacturing	1	'231	72	'12 244	'393 547	8 115	16 068	225 568	'2 962 896	'1 657 050	'4 622 569	66 292
3114	Fruit and vegetable preserving and specialty food manufacturing	1	10	5	f	D	D	D	D	D	D	D	1 206
31141	Frozen food manufacturing	—	5	3	e	D	D	D	D	D	D	D	704
311412	Frozen specialty food manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	1	10	7	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	1	7	6	g	D	D	D	D	D	D	D	9 864
311511	Fluid milk manufacturing	1	6	6	1 811	70 486	702	1 538	25 382	304 647	382 108	691 298	9 864
3116	Animal slaughtering and processing	4	'24	11	'2 358	'54 076	1 919	3 693	38 942	'159 912	'281 158	'444 669	8 332
31161	Animal slaughtering and processing	4	'24	11	'2 358	'54 076	1 919	3 693	38 942	'159 912	'281 158	'444 669	8 332
311611	Animal (except poultry) slaughtering	5	7	3	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	'8	'11	4	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	5	3	978	17 104	755	1 281	12 013	50 877	85 113	136 044	D
3118	Bakeries and tortilla manufacturing	2	108	22	4 021	131 017	2 514	4 885	70 322	340 868	285 068	625 205	12 902
31181	Bread and bakery product manufacturing	2	86	11	2 458	78 569	1 234	2 313	33 197	140 957	102 349	244 740	4 200
311811	Retail bakeries	4	58	3	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	26	7	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	2	15	6	872	34 492	671	1 549	22 971	132 952	149 943	280 806	7 294
311822	Flour mixes and dough manufacturing from purchased flour	1	9	5	f	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	2	7	5	691	17 956	609	1 023	14 154	66 959	32 776	99 659	1 408
311830	Tortilla manufacturing	2	7	5	691	17 956	609	1 023	14 154	66 959	32 776	99 659	1 408
3119	Other food manufacturing	—	59	25	3 144	109 155	2 353	4 715	73 159	2 084 479	612 641	2 692 267	31 076
31191	Snack food manufacturing	—	10	6	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	1	14	9	g	D	D	D	D	D	D	D	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	3	8	5	e	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	1	31	8	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	1	9	6	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	1	18	11	g	D	D	D	D	D	D	D	35 140
3121	Beverage manufacturing	1	17	10	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	14	10	1 837	84 282	644	1 421	22 220	237 478	540 154	777 023	D
312111	Soft drink manufacturing	—	7	6	g	D	D	D	D	D	D	D	D
312113	Ice manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
313	Textile mills	6	30	5	e	D	D	D	D	D	D	D	D
314	Textile product mills	2	'99	'27	'2 153	'47 436	'1 674	'3 417	'29 341	'115 288	'97 683	'214 070	D
3141	Textile furnishings mills	1	'50	'13	'1 245	'25 175	'979	'2 007	'15 778	'77 977	'63 167	'139 855	D
31412	Curtain and linen mills	1	'46	'12	'1 124	'21 429	'903	'1 826	'14 090	'70 686	'61 124	'130 434	D
314121	Curtain and drapery mills	5	28	4	251	5 336	175	333	2 849	6 437	10 846	20 644	D
314129	Other household textile product mills	'1	'18	'8	'873	'16 093	'728	'1 493	'11 241	'64 249	'50 278	'109 790	'968
3149	Other textile product mills	5	49	14	908	22 261	695	1 410	13 563	37 311	34 516	74 215	1 172
31491	Textile bag and canvas mills ...	6	15	2	257	6 186	173	313	3 183	6 098	9 573	20 071	210
31499	All other textile product mills ...	4	34	12	651	16 075	522	1 097	10 380	31 213	24 943	54 144	962
314999	All other miscellaneous textile product mills	4	34	12	651	16 075	522	1 097	10 380	31 213	24 943	54 144	962

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

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	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Dallas-Plano-Irving, TX Metropolitan Division—Con.												
315	Apparel manufacturing	3	'160	'41	'3 315	'79 333	'2 539	'4 527	'42 466	'186 489	'157 882	'343 219	'2 861
3152	Cut and sew apparel manufacturing	4	'135	'36	'2 646	'66 390	'2 075	'3 664	'33 929	'147 437	'130 462	'276 395	'2 409
31521	Cut and sew apparel contractors	6	'90	'15	f	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	'6	'72	'12	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	1	11	4	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	5	23	11	f	D	D	D	D	D	D	D	1 282
315233	Women's and girls' cut and sew dress manufacturing...	5	8	4	440	22 369	285	413	5 111	56 017	69 165	126 690	744
315239	Women's and girls' cut and sew other outerwear manufacturing	2	7	3	e	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	2	11	6	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	2	9	5	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	—	21	4	f	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	—	21	4	f	D	D	D	D	D	D	D	D
315991	Hat, cap, and millinery manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	4	21	5	e	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	3	17	4	319	7 940	260	491	4 341	15 877	9 008	24 830	D
31699	Other leather and allied product manufacturing	3	17	4	319	7 940	260	491	4 341	15 877	9 008	24 830	D
316999	All other leather goods manufacturing	3	13	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	115	40	3 775	102 622	3 073	6 566	68 077	246 083	307 571	554 293	7 910
3212	Veneer, plywood, and engineered wood product manufacturing	4	8	3	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	4	8	3	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	98	35	3 233	85 091	2 673	5 684	58 111	202 872	220 383	419 870	5 829
32191	Millwork	1	49	17	2 017	53 321	1 660	3 575	36 175	125 844	155 156	279 476	4 097
321911	Wood window and door manufacturing	—	19	6	1 433	39 786	1 161	2 612	26 261	99 059	114 569	212 567	2 316
321918	Other millwork (including flooring)	6	27	10	e	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	2	20	7	377	9 781	331	671	7 577	18 575	17 823	36 169	617
321920	Wood container and pallet manufacturing	2	20	7	377	9 781	331	671	7 577	18 575	17 823	36 169	617
32199	All other wood product manufacturing	2	29	11	839	21 989	682	1 438	14 359	58 453	47 404	104 225	1 115
321991	Manufactured home (mobile home) manufacturing	—	5	4	335	8 828	278	632	5 499	19 309	22 332	40 179	372
321999	All other miscellaneous wood product manufacturing	6	20	5	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	83	53	5 628	211 559	4 414	9 401	140 653	583 406	799 086	1 368 784	40 124
3221	Pulp, paper, and paperboard mills	—	4	4	540	27 571	408	873	17 861	86 681	103 557	187 925	22 530
32213	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	3	3	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	79	49	5 088	183 988	4 006	8 528	122 792	496 725	695 529	1 180 859	17 594
32221	Paperboard container manufacturing	1	36	26	3 232	112 594	2 610	5 642	77 477	300 885	452 741	733 030	12 582
322211	Corrugated and solid fiber box manufacturing	1	27	18	1 771	71 572	1 313	2 852	43 816	168 184	315 376	483 543	6 527
322212	Folding paperboard box manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	2	19	9	597	27 003	449	977	18 025	76 758	143 207	225 048	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)					
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.													
	Dallas-Plano-Irving, TX Metropolitan Division—Con.													
322	Paper manufacturing—Con.													
3222	Converted paper product manufacturing—Con.													
32223	Stationery product manufacturing	—	14	9	f	D	D	D	D	D	D	D	D	
322232	Envelope manufacturing	1	9	6	f	D	D	D	D	D	D	D	D	
32229	Other converted paper product manufacturing	5	10	5	e	D	D	D	D	D	D	D	422	
322299	All other converted paper product manufacturing	5	8	5		286	8 763	223	459	5 678	17 196	13 627	30 675	D
323	Printing and related support activities	2	'654	'124	'13 030	'490 657	'9 070	'17 192	'281 265	'1 165 644	'782 278	'1 965 095	'55 403	
3231	Printing and related support activities	2	'654	'124	'13 030	'490 657	'9 070	'17 192	'281 265	'1 165 644	'782 278	'1 965 095	'55 403	
32311	Printing	'2	'595	'107	'12 206	'459 538	'8 479	'16 048	'262 500	'1 103 444	'762 897	'1 883 510	'52 763	
323110	Commercial lithographic printing	2	265	54	6 955	284 045	4 818	9 267	157 668	666 909	398 293	1 069 363	33 792	
323112	Commercial flexographic printing	2	17	3	298	8 979	214	394	4 511	35 824	14 829	50 784	1 049	
323113	Commercial screen printing ..	3	88	12	900	26 973	688	1 250	15 601	46 087	37 415	85 409	1 509	
323114	Quick printing	4	130	11	881	27 392	582	1 052	15 039	69 215	20 985	90 155	D	
323115	Digital printing	1	19	7	576	24 055	466	693	16 269	62 137	16 762	79 303	2 110	
323116	Manifold business forms printing	—	17	10	1 096	38 685	646	1 354	22 206	126 449	210 026	345 419	2 598	
323117	Books printing	—	9	2	799	26 958	626	1 270	18 809	50 885	32 493	84 399	1 934	
323119	Other commercial printing ..	—	'44	'6	f	D	D	D	D	D	D	D	'7 801	
32312	Support activities for printing ...	3	59	17	824	31 119	591	1 144	18 765	62 200	19 381	81 585	2 640	
323121	Tradebinding and related work	2	27	9	394	11 452	310	604	7 729	22 087	6 910	29 020	D	
323122	Prepress services	4	32	8	430	19 667	281	540	11 036	40 113	12 471	52 565	D	
324	Petroleum and coal products manufacturing	—	23	12	1 166	50 537	786	1 474	33 259	244 230	362 543	607 297	11 238	
3241	Petroleum and coal products manufacturing	—	23	12	1 166	50 537	786	1 474	33 259	244 230	362 543	607 297	11 238	
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	16	8	f	D	D	D	D	D	D	D	10 044	
324122	Asphalt shingle and coating materials manufacturing ...	—	10	7	f	D	D	D	D	D	D	D	D	
325	Chemical manufacturing	—	182	75	6 479	267 019	4 065	8 319	136 257	2 233 578	1 622 198	3 843 187	115 595	
3251	Basic chemical manufacturing ...	2	25	10	496	25 458	269	604	12 681	88 617	82 485	171 281	6 063	
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	7	5	253	13 363	175	405	7 179	5 869	123 704	132 097	4 973	
32521	Resin and synthetic rubber manufacturing	—	7	5	253	13 363	175	405	7 179	5 869	123 704	132 097	4 973	
325211	Plastics material and resin manufacturing	—	6	5	e	D	D	D	D	D	D	D	D	
3254	Pharmaceutical and medicine manufacturing	1	12	4	290	12 909	187	314	7 144	35 831	16 053	51 881	1 661	
32541	Pharmaceutical and medicine manufacturing	1	12	4	290	12 909	187	314	7 144	35 831	16 053	51 881	1 661	
3255	Paint, coating, and adhesive manufacturing	—	39	18	1 766	72 111	1 208	2 574	40 380	594 334	814 557	1 410 202	61 275	
32551	Paint and coating manufacturing	—	23	9	1 265	53 448	826	1 781	28 441	476 897	678 711	1 156 616	D	
325510	Paint and coating manufacturing	—	23	9	1 265	53 448	826	1 781	28 441	476 897	678 711	1 156 616	D	
32552	Adhesive manufacturing	2	16	9	501	18 663	382	793	11 939	117 437	135 846	253 586	D	
325520	Adhesive manufacturing	2	16	9	501	18 663	382	793	11 939	117 437	135 846	253 586	D	
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	50	18	2 534	95 451	1 535	2 954	45 219	1 374 971	459 892	1 819 388	31 579	
32561	Soap and cleaning compound manufacturing	—	29	8	f	D	D	D	D	D	D	D	D	
325611	Soap and other detergent manufacturing	—	19	6	572	21 820	370	658	11 479	211 437	92 130	303 351	4 418	
32562	Toilet preparation manufacturing	—	21	10	g	D	D	D	D	D	D	D	D	
325620	Toilet preparation manufacturing	—	21	10	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Dallas-Plano-Irving, TX Metropolitan Division—Con.												
325	Chemical manufacturing—Con.												
3259	Other chemical product and preparation manufacturing	2	37	17	895	39 896	515	1 053	19 065	114 898	113 038	226 559	8 940
32599	All other chemical product and preparation manufacturing . . .	3	26	12	f	D	D	D	D	D	D	D	6 929
325998	All other miscellaneous chemical product and preparation manufacturing . .	3	14	5	482	21 910	277	582	10 372	63 540	66 330	127 884	6 033
326	Plastics and rubber products manufacturing	1	187	83	10 149	326 563	8 373	17 483	236 491	900 139	1 011 199	1 888 632	99 785
3261	Plastics product manufacturing . .	1	163	74	9 276	303 551	7 669	16 030	219 971	858 773	957 075	1 794 052	96 973
32611	Plastics packaging materials and un laminated film and sheet manufacturing	1	24	14	2 777	107 453	2 206	4 851	74 480	296 882	348 743	641 604	22 339
326111	Plastics bag manufacturing . .	1	11	6	g	D	D	D	D	D	D	D	D
326113	Un laminated plastics film and sheet (except packaging) manufacturing	—	11	7	f	D	D	D	D	D	D	D	3 325
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	2	16	5	e	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	—	10	4	946	29 620	808	1 676	23 602	108 203	76 136	182 977	D
326140	Polystyrene foam product manufacturing	—	10	4	946	29 620	808	1 676	23 602	108 203	76 136	182 977	D
32615	Urethane and other foam product (except polystyrene) manufacturing	2	20	10	667	19 079	553	1 152	13 201	46 550	66 388	112 305	3 189
326150	Urethane and other foam product (except polystyrene) manufacturing	2	20	10	667	19 079	553	1 152	13 201	46 550	66 388	112 305	3 189
32616	Plastics bottle manufacturing . .	—	7	5	504	19 318	398	808	15 838	98 030	71 919	165 490	16 578
326160	Plastics bottle manufacturing	—	7	5	504	19 318	398	808	15 838	98 030	71 919	165 490	16 578
32619	Other plastics product manufacturing	1	85	36	4 017	115 163	3 401	6 911	83 455	284 820	347 369	623 753	41 304
326191	Plastics plumbing fixture manufacturing	2	11	9	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	73	27	3 401	97 910	2 896	5 893	70 636	234 129	317 976	543 757	37 345
3262	Rubber product manufacturing . . .	2	24	9	873	23 012	704	1 453	16 520	41 366	54 124	94 580	2 812
32629	Other rubber product manufacturing	2	13	4	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	2	10	4	639	15 175	525	1 086	11 605	28 215	33 771	60 927	1 658
327	Nonmetallic mineral product manufacturing	1	163	69	7 048	257 470	5 665	11 898	187 288	1 006 272	792 757	1 797 727	65 229
3271	Clay product and refractory manufacturing	—	10	6	g	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	6	5	1 292	39 266	1 093	2 162	29 979	150 863	79 414	228 236	D
327122	Ceramic wall and floor tile manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	2	25	9	725	24 725	582	1 149	17 492	71 495	59 844	129 586	D
32721	Glass and glass product manufacturing	2	25	9	725	24 725	582	1 149	17 492	71 495	59 844	129 586	D
327215	Glass product manufacturing made of purchased glass . .	3	21	8	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	87	45	3 920	148 779	3 229	7 009	113 493	563 717	501 454	1 063 720	36 808
32731	Cement manufacturing	—	4	3	579	28 785	482	1 097	23 265	225 907	131 893	354 899	18 345
327310	Cement manufacturing	—	4	3	579	28 785	482	1 097	23 265	225 907	131 893	354 899	18 345
32732	Ready-mix concrete manufacturing	4	48	22	1 875	74 894	1 592	3 533	59 756	180 588	298 243	479 079	12 473
327320	Ready-mix concrete manufacturing	4	48	22	1 875	74 894	1 592	3 533	59 756	180 588	298 243	479 079	12 473
32733	Concrete pipe, brick, and block manufacturing	—	11	7	656	21 640	521	1 077	14 902	78 171	40 648	121 979	3 602
327332	Concrete pipe manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	3	24	13	810	23 460	634	1 302	15 570	79 051	30 670	107 763	2 388
327390	Other concrete product manufacturing	3	24	13	810	23 460	634	1 302	15 570	79 051	30 670	107 763	2 388

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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Dallas-Plano-Irving, TX Metropolitan Division—Con.												
327	Nonmetallic mineral product manufacturing—Con.												
3279	Other nonmetallic mineral product manufacturing	—	39	8	1 026	40 841	690	1 417	23 655	211 449	131 135	346 552	13 081
32799	All other nonmetallic mineral product manufacturing	—	38	7	f	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	3	25	4	331	10 003	270	516	6 638	26 225	15 123	41 478	D
327993	Mineral wool manufacturing .	—	7	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	50	14	3 503	139 276	2 856	6 116	96 272	337 923	564 456	897 126	23 284
3311	Iron and steel mills and ferroalloy manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	2	1	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	10	4	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing	—	10	4	g	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	6	3	1 209	42 625	968	2 118	26 254	109 112	149 201	258 020	4 880
3315	Foundries	1	19	5	874	27 177	747	1 594	19 748	59 036	24 313	82 648	D
33151	Ferrous metal foundries	—	8	3	720	23 178	609	1 338	16 699	49 775	20 943	70 010	3 719
331513	Steel foundries (except investment)	—	3	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	'1	639	207	'20 885	'680 952	'15 580	'29 941	'419 836	'1 681 946	'1 361 515	'3 046 073	'86 188
3321	Forging and stamping.....	'1	'25	'16	'877	'30 431	'617	'1 119	'17 586	'68 975	'72 764	'140 744	'1 744
33211	Forging and stamping.....	'1	'25	'16	'877	'30 431	'617	'1 119	'17 586	'68 975	'72 764	'140 744	'1 744
332114	Custom roll forming	—	7	4	e	D	D	D	D	D	D	D	D
332116	Metal stamping	'3	'14	'10	'435	'16 048	'335	'672	'9 623	'32 392	'27 280	'59 000	D
3322	Cutlery and handtool manufacturing	—	14	4	911	29 125	782	1 366	22 476	105 977	61 798	163 623	D
33221	Cutlery and handtool manufacturing	—	14	4	911	29 125	782	1 366	22 476	105 977	61 798	163 623	D
332212	Hand and edge tool manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	'216	'86	'10 324	'324 790	'7 386	'14 550	'185 888	'714 324	'722 774	'1 443 716	'43 995
33231	Plate work and fabricated structural product manufacturing	3	61	25	1 959	69 102	1 403	2 826	40 633	182 212	180 021	362 252	11 023
332311	Prefabricated metal building and component manufacturing	2	9	7	475	15 540	308	629	9 998	54 004	66 542	120 617	1 493
332312	Fabricated structural metal manufacturing	3	39	16	1 378	49 207	1 019	2 032	27 979	119 920	107 296	227 114	8 497
33232	Ornamental and architectural metal products manufacturing	1	'155	'61	'8 365	'255 688	'5 983	'11 724	'145 255	'532 112	'542 753	'1 081 464	'32 972
332321	Metal window and door manufacturing	'—	'27	'16	'4 245	'128 024	'2 835	'5 461	'64 656	'265 914	'280 420	'548 871	'10 651
332322	Sheet metal work manufacturing	'2	'90	'37	'3 642	'110 034	'2 807	'5 615	'70 639	'228 723	'237 556	'471 210	'21 193
332323	Ornamental and architectural metal work manufacturing ..	1	38	8	478	17 630	341	648	9 960	37 475	24 777	61 383	1 128
3324	Boiler, tank, and shipping container manufacturing	3	12	5	353	13 832	293	639	10 177	36 143	58 828	94 579	2 393
3326	Spring and wire product manufacturing	2	32	15	1 287	37 715	1 063	2 088	26 740	137 779	89 267	227 541	6 274
33261	Spring and wire product manufacturing	2	32	15	1 287	37 715	1 063	2 088	26 740	137 779	89 267	227 541	6 274
332612	Spring (light gauge) manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	4	23	9	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Dallas-Plano-Irving, TX Metropolitan Division—Con.												
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	207	41	2 766	98 202	2 155	3 941	64 817	197 838	81 714	277 569	10 420
33271	Machine shops	3	183	32	2 118	75 731	1 634	2 912	49 016	152 277	62 354	213 609	8 879
332710	Machine shops	3	183	32	2 118	75 731	1 634	2 912	49 016	152 277	62 354	213 609	8 879
33272	Turned product and screw, nut, and bolt manufacturing	6	24	9	648	22 471	521	1 029	15 801	45 561	19 360	63 960	1 541
332721	Precision turned product manufacturing	6	19	7	524	18 658	421	859	13 365	38 121	11 744	48 890	D
3328	Coating, engraving, heat treating, and allied activities	2	78	18	1 178	38 271	892	1 852	23 075	68 103	26 025	92 500	3 291
33281	Coating, engraving, heat treating, and allied activities ..	2	78	18	1 178	38 271	892	1 852	23 075	68 103	26 025	92 500	3 291
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	36	7	421	13 658	300	591	7 915	23 168	12 241	36 015	2 245
332813	Electroplating, plating, polishing, anodizing, and coloring	2	37	9	654	20 446	512	1 082	12 488	37 342	11 005	46 213	897
3329	Other fabricated metal product manufacturing	—	50	20	3 034	103 551	2 271	4 139	65 931	339 704	239 666	584 227	14 758
33291	Metal valve manufacturing	—	12	9	1 497	54 987	1 075	2 243	33 577	204 946	165 706	373 573	8 802
332911	Industrial valve manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	38	11	1 537	48 564	1 196	1 896	32 354	134 758	73 960	210 654	5 956
332993	Ammunition (except small arms) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	2	28	9	703	20 671	517	851	12 296	39 679	29 751	70 394	D
333	Machinery manufacturing	3	258	86	11 013	446 531	6 858	13 607	213 524	1 133 496	1 110 913	2 222 282	48 689
3331	Agriculture, construction, and mining machinery manufacturing	2	35	10	1 915	92 525	1 161	2 224	47 196	260 082	236 137	472 508	10 217
33313	Mining and oil and gas field machinery manufacturing	1	22	9	1 724	84 709	1 034	1 964	42 916	243 911	211 618	431 793	9 376
333132	Oil and gas field machinery and equipment manufacturing	1	19	9	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	4	54	14	g	D	D	D	D	D	D	D	9 686
33329	Other industrial machinery manufacturing	4	47	14	1 518	71 864	678	1 312	18 699	125 500	176 205	298 346	D
333293	Printing machinery and equipment manufacturing ..	3	11	4	285	10 607	193	405	5 268	32 556	27 310	60 158	1 857
333295	Semiconductor machinery manufacturing	5	12	7	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	3	25	7	601	26 550	301	618	8 310	67 349	59 251	125 041	2 051
33331	Commercial and service industry machinery manufacturing	3	25	7	601	26 550	301	618	8 310	67 349	59 251	125 041	2 051
333319	Other commercial and service industry machinery manufacturing	3	10	4	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	33	17	2 394	66 697	1 757	3 597	40 269	204 271	194 569	397 766	4 270

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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Dallas-Plano-Irving, TX Metropolitan Division—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.												
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	33	17	2 394	66 697	1 757	3 597	40 269	204 271	194 569	397 766	4 270
333411	Air purification equipment manufacturing	—	9	6	f	D	D	D	D	D	D	D	1 591
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	5	18	9	1 233	39 713	842	1 729	23 214	132 912	137 133	267 533	1 828
3335	Metalworking machinery manufacturing	3	38	7	721	27 352	493	1 090	15 652	58 734	45 080	105 348	D
33351	Metalworking machinery manufacturing	3	38	7	721	27 352	493	1 090	15 652	58 734	45 080	105 348	D
333511	Industrial mold manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	4	68	28	3 451	142 531	2 134	4 229	70 535	312 423	334 730	654 018	19 057
33391	Pump and compressor manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	9	2	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	1	17	10	1 597	69 952	942	1 907	31 411	68 378	162 619	237 927	12 311
333921	Elevator and moving stairway manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	1	7	5	733	35 879	383	781	13 757	43 578	24 408	67 144	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	3	6	2	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	4	48	16	g	D	D	D	D	D	D	D	D
333992	Welding and soldering equipment manufacturing ..	9	1	1	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	26	9	696	25 612	438	794	12 445	90 596	54 376	145 060	2 182
334	Computer and electronic product manufacturing	—	339	147	45 322	2 470 979	15 906	31 135	598 601	4 908 006	6 591 071	11 569 198	712 821
3341	Computer and peripheral equipment manufacturing	3	36	7	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	3	36	7	f	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	1	17	5	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	1	58	31	i	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	23	11	h	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	23	11	h	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	1	25	15	h	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	1	25	15	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)					
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.													
	Dallas-Plano-Irving, TX Metropolitan Division—Con.													
334	Computer and electronic product manufacturing—Con.													
3342	Communications equipment manufacturing—Con.													
33429	Other communications equipment manufacturing	2	10	5	e	D	D	D	D	D	D	D	D	
334290	Other communications equipment manufacturing	2	10	5	e	D	D	D	D	D	D	D	D	
3343	Audio and video equipment manufacturing	1	12	4	e	D	D	D	D	D	D	D	D	
33431	Audio and video equipment manufacturing	1	12	4	e	D	D	D	D	D	D	D	D	
334310	Audio and video equipment manufacturing	1	12	4	e	D	D	D	D	D	D	D	D	
3344	Semiconductor and other electronic component manufacturing	—	132	67		21 309	1 290 313	6 514	13 385	243 287	2 402 609	4 592 503	6 940 870	D
33441	Semiconductor and other electronic component manufacturing	—	132	67		21 309	1 290 313	6 514	13 385	243 287	2 402 609	4 592 503	6 940 870	D
334412	Bare printed circuit board manufacturing	5	26	11	f	D	D	D	D	D	D	D	3 272	
334413	Semiconductor and related device manufacturing	—	34	18	j	D	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	—	4	3	e	D	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	25	17	h	D	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	1	33	15		1 811	84 693	1 186	2 480	48 050	257 164	327 752	582 820	4 273
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	82	32	j	D	D	D	D	D	D	D	D	65 567
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	82	32	j	D	D	D	D	D	D	D	D	65 567
334510	Electromedical and electrotherapeutic apparatus manufacturing	—	7	4	f	D	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	19	12	i	D	D	D	D	D	D	D	D	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	—	5	1	e	D	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	14	4		889	36 102	427	867	11 645	67 712	49 655	122 228	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	3	17	5	e	D	D	D	D	D	D	D	D	D
334516	Analytical laboratory instrument manufacturing	—	8	3	g	D	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	—	9	3	e	D	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	1	19	6	e	D	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media	1	19	6	e	D	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	1	9	5	e	D	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	94	39		3 895	134 017	2 574	5 338	68 169	343 058	451 624	798 869	34 759
3351	Electric lighting equipment manufacturing	3	26	11	f	D	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	3	26	11	f	D	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	10	5	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Dallas-Plano-Irving, TX Metropolitan Division—Con.												
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	-	29	11	1 220	42 893	764	1 372	21 594	94 773	90 992	185 317	D
33531	Electrical equipment manufacturing	-	29	11	1 220	42 893	764	1 372	21 594	94 773	90 992	185 317	D
335313	Switchgear and switchboard apparatus manufacturing ..	-	8	5	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	1	13	5	e	D	D	D	D	D	D	D	2 745
3359	Other electrical equipment and component manufacturing	1	38	16	1 961	67 725	1 350	2 928	34 578	193 380	298 369	496 097	22 244
33592	Communication and energy wire and cable manufacturing ..	-	8	7	1 216	36 608	927	2 080	23 307	118 977	242 241	366 333	D
335929	Other communication and energy wire manufacturing ..	-	7	6	g	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	6	23	7	643	27 670	345	693	9 351	64 107	47 933	111 522	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	6	23	7	643	27 670	345	693	9 351	64 107	47 933	111 522	D
336	Transportation equipment manufacturing	-	132	56	17 868	971 258	12 294	22 585	596 098	1 969 650	2 922 974	4 751 952	116 169
3361	Motor vehicle manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	62	28	3 831	144 795	2 901	4 989	85 386	239 795	752 660	1 009 522	55 312
33631	Motor vehicle gasoline engine and engine parts manufacturing	1	13	4	969	42 245	822	1 654	26 921	63 532	255 915	324 154	D
336312	Gasoline engine and engine parts manufacturing	1	11	4	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	2	14	8	918	30 080	590	1 212	15 129	78 541	66 918	149 923	2 802
336321	Vehicular lighting equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	4	13	7	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	22	11	1 380	53 307	1 046	1 315	32 203	49 143	378 972	435 875	D
336391	Motor vehicle air-conditioning manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	4	17	7	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	1	40	21	j	D	D	D	D	D	D	D	51 667
33641	Aerospace product and parts manufacturing	1	40	21	j	D	D	D	D	D	D	D	51 667
336411	Aircraft manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	2	21	11	5 874	332 905	3 894	6 740	211 181	614 663	322 763	921 450	27 558
336414	Guided missile and space vehicle manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	249	73	8 725	265 996	6 744	14 090	167 274	617 306	457 849	1 078 618	22 553

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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Dallas-Plano-Irving, TX Metropolitan Division—Con.												
337	Furniture and related product manufacturing—Con.												
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	183	41	5 375	154 100	4 363	8 964	104 332	368 609	270 629	642 800	10 968
33711	Wood kitchen cabinet and countertop manufacturing	1	94	23	3 389	98 141	2 756	5 847	68 445	153 475	134 651	288 029	7 015
337110	Wood kitchen cabinet and countertop manufacturing ..	1	94	23	3 389	98 141	2 756	5 847	68 445	153 475	134 651	288 029	7 015
33712	Household and institutional furniture manufacturing	4	89	18	1 986	55 959	1 607	3 117	35 887	215 134	135 978	354 771	3 953
337121	Upholstered household furniture manufacturing	1	28	9	1 162	34 284	948	1 853	21 784	119 878	75 318	197 306	3 204
337122	Nonupholstered wood household furniture manufacturing	6	41	4	384	8 111	341	611	6 720	16 084	12 493	29 064	377
3372	Office furniture (including fixtures) manufacturing	1	48	25	2 497	89 228	1 777	3 812	51 080	194 382	143 327	337 401	9 276
33721	Office furniture (including fixtures) manufacturing	1	48	25	2 497	89 228	1 777	3 812	51 080	194 382	143 327	337 401	9 276
337211	Wood office furniture manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	2	31	18	1 875	65 333	1 369	2 942	37 837	135 564	108 743	243 657	6 306
3379	Other furniture related product manufacturing	—	18	7	853	22 668	604	1 314	11 862	54 315	43 893	98 417	2 309
33792	Blind and shade manufacturing	—	10	5	644	16 844	457	995	9 087	34 609	25 457	60 203	D
337920	Blind and shade manufacturing	—	10	5	644	16 844	457	995	9 087	34 609	25 457	60 203	D
339	Miscellaneous manufacturing	3	'421	'79	'9 013	'288 029	'6 226	'11 368	'152 861	'826 409	'487 107	'1 312 534	'37 533
3391	Medical equipment and supplies manufacturing	5	'124	20	'3 264	'120 598	'2 260	'4 512	'61 882	'327 272	'159 371	'486 921	'25 238
33911	Medical equipment and supplies manufacturing	5	'124	20	'3 264	'120 598	'2 260	'4 512	'61 882	'327 272	'159 371	'486 921	'25 238
339112	Surgical and medical instrument manufacturing ..	2	13	8	1 045	50 801	583	1 257	18 922	130 208	56 616	186 992	16 117
339113	Surgical appliance and supplies manufacturing	9	18	1	488	16 039	389	731	8 090	77 035	37 965	114 830	3 385
339115	Ophthalmic goods manufacturing	7	9	4	g	D	D	D	D	D	D	D	D
339116	Dental laboratories	5	72	4	564	17 054	426	800	12 506	26 834	6 797	33 662	713
3399	Other miscellaneous manufacturing	1	297	'59	'5 749	'167 431	'3 966	'6 856	'90 979	'499 137	'327 736	'825 613	'12 295
33991	Jewelry and silverware manufacturing	1	43	9	995	23 619	833	1 365	14 628	126 256	74 322	199 879	2 017
339911	Jewelry (except costume) manufacturing	—	27	5	478	14 376	387	683	9 243	86 951	40 464	127 043	D
339914	Costume jewelry and novelty manufacturing	1	10	1	e	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	—	28	5	1 272	41 151	571	1 262	15 946	81 982	118 079	205 427	2 000
339920	Sporting and athletic goods manufacturing	—	28	5	1 272	41 151	571	1 262	15 946	81 982	118 079	205 427	2 000
33995	Sign manufacturing	3	'117	'19	'1 494	'45 684	'1 000	'1 901	'24 765	'113 359	'66 453	'179 086	'3 095
339950	Sign manufacturing	3	'117	'19	'1 494	'45 684	'1 000	'1 901	'24 765	'113 359	'66 453	'179 086	'3 095
33999	All other miscellaneous manufacturing	2	'91	23	'1 834	'52 942	'1 445	'2 103	'33 209	'168 227	'62 879	'225 655	'4 997
339999	All other miscellaneous manufacturing	2	'71	18	'1 564	'45 101	'1 247	'1 721	'29 053	'149 439	'49 408	'193 486	'4 370
	Fort Worth-Arlington, TX Metropolitan Division												
31-33	Manufacturing	—	'2 217	'697	'92 444	'4 122 169	'60 282	'123 626	'2 150 742	'15 313 242	'17 141 771	'31 717 554	'593 798
311	Food manufacturing	1	119	46	6 526	201 534	4 842	10 183	131 744	1 267 206	1 215 496	2 488 182	52 000
3111	Animal food manufacturing	—	9	6	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	—	9	6	e	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	—	8	6	251	6 989	181	367	4 782	28 380	63 311	92 147	D
3112	Grain and oilseed milling	—	5	4	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	—	3	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Fort Worth-Arlington, TX Metropolitan Division—Con.												
311	Food manufacturing—Con.												
3114	Fruit and vegetable preserving and specialty food manufacturing	—	10	5	e	D	D	D	D	D	D	D	3 945
31142	Fruit and vegetable canning, pickling, and drying	—	7	5	e	D	D	D	D	D	D	D	3 875
3115	Dairy product manufacturing	5	4	3	394	16 288	266	602	9 190	205 822	162 850	368 191	5 310
31151	Dairy product (except frozen) manufacturing	5	4	3	394	16 288	266	602	9 190	205 822	162 850	368 191	5 310
311511	Fluid milk manufacturing	5	4	3	394	16 288	266	602	9 190	205 822	162 850	368 191	5 310
3116	Animal slaughtering and processing	1	13	9	1 962	60 529	1 634	3 705	43 638	187 472	525 760	720 940	27 523
31161	Animal slaughtering and processing	1	13	9	1 962	60 529	1 634	3 705	43 638	187 472	525 760	720 940	27 523
311612	Meat processed from carcasses	1	10	8	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	59	8	1 717	48 883	980	1 975	25 201	172 993	65 871	238 443	5 011
31181	Bread and bakery product manufacturing	—	49	4	1 333	39 277	693	1 451	19 113	149 752	49 092	198 030	4 261
311811	Retail bakeries	3	39	1	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	10	3	g	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	8	3	3	342	8 256	257	469	5 244	19 736	13 491	33 717	690
311830	Tortilla manufacturing	8	3	3	342	8 256	257	469	5 244	19 736	13 491	33 717	690
3119	Other food manufacturing	1	15	9	1 235	38 510	1 036	2 052	27 087	555 083	133 057	687 686	5 926
31199	All other food manufacturing	7	8	4	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	7	4	4	f	D	D	D	D	D	D	D	2 548
312	Beverage and tobacco product manufacturing	8	10	4	1 342	62 144	1 051	2 076	42 890	373 209	479 543	852 198	33 300
3121	Beverage manufacturing	8	10	4	1 342	62 144	1 051	2 076	42 890	373 209	479 543	852 198	33 300
31211	Soft drink and ice manufacturing	2	7	3	e	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
314	Textile product mills	2	45	7	493	11 930	397	735	8 007	22 975	20 870	43 712	D
3149	Other textile product mills	2	28	3	288	7 124	224	397	4 758	13 314	9 291	22 472	182
315	Apparel manufacturing	2	43	5	314	7 445	234	450	4 206	16 648	17 414	34 067	227
3152	Cut and sew apparel manufacturing	2	39	4	254	5 533	186	344	2 805	13 955	15 757	29 699	206
321	Wood product manufacturing	2	63	23	2 742	73 631	2 233	4 453	51 263	155 623	296 937	451 978	6 429
3219	Other wood product manufacturing	1	54	20	2 406	63 668	1 952	3 815	43 772	135 958	223 492	360 500	5 712
32191	Millwork	—	24	7	829	21 637	720	1 372	16 439	51 270	115 741	167 670	3 180
321912	Cut stock, resawing lumber, and planing	—	4	4	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	—	16	9	1 391	37 290	1 072	2 109	23 961	76 834	98 101	175 367	1 674
321991	Manufactured home (mobile home) manufacturing	—	7	6	1 249	33 118	955	1 868	20 895	69 126	85 015	154 175	1 300
322	Paper manufacturing	1	42	32	2 621	92 512	2 000	4 076	62 204	222 166	349 389	567 969	7 023
3222	Converted paper product manufacturing	1	42	32	2 621	92 512	2 000	4 076	62 204	222 166	349 389	567 969	7 023
32221	Paperboard container manufacturing	1	29	23	2 056	73 528	1 549	3 144	49 195	168 042	298 316	465 894	5 480
322211	Corrugated and solid fiber box manufacturing	1	19	15	1 567	57 086	1 137	2 273	36 455	133 127	249 075	381 526	4 565
32222	Paper bag and coated and treated paper manufacturing	1	5	4	271	7 635	223	458	5 020	12 584	30 309	42 542	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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Fort Worth-Arlington, TX Metropolitan Division—Con.												
323	Printing and related support activities	3	246	60	5 421	190 258	3 813	7 452	112 264	452 248	237 207	690 598	33 632
3231	Printing and related support activities	3	246	60	5 421	190 258	3 813	7 452	112 264	452 248	237 207	690 598	33 632
32311	Printing	3	227	55	4 588	170 754	3 051	6 006	97 173	417 228	229 822	647 965	30 652
323110	Commercial lithographic printing	2	103	23	2 198	89 468	1 490	3 039	52 485	181 543	116 858	298 027	16 467
323112	Commercial flexographic printing	2	7	4	292	8 464	152	305	3 701	25 539	17 619	43 055	996
323113	Commercial screen printing ..	3	22	6	273	10 553	182	383	5 977	20 494	11 876	32 825	596
323116	Manifold business forms printing	6	16	11	868	33 747	574	1 051	17 520	118 682	42 953	162 002	3 110
323118	Blankbook, looseleaf binders, and devices manufacturing ..	1	5	4	e	D	D	D	D	D	D	D	D
32312	Support activities for printing ..	—	19	5	833	19 504	762	1 446	15 091	35 020	7 385	42 633	2 980
323121	Tradebinding and related work	—	9	5	795	18 157	731	1 409	14 252	32 629	6 914	39 771	D
324	Petroleum and coal products manufacturing	—	13	5	408	17 374	217	345	9 332	81 792	205 819	287 069	3 476
3241	Petroleum and coal products manufacturing	—	13	5	408	17 374	217	345	9 332	81 792	205 819	287 069	3 476
325	Chemical manufacturing	1	122	43	3 835	165 224	2 613	5 307	105 525	764 655	641 801	1 415 426	46 099
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	10	6	419	16 497	303	616	9 965	98 852	124 588	220 865	4 984
32521	Resin and synthetic rubber manufacturing	—	10	6	419	16 497	303	616	9 965	98 852	124 588	220 865	4 984
325211	Plastics material and resin manufacturing	—	8	5	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	1	13	6	1 281	57 948	868	1 821	43 026	360 196	231 114	598 004	20 184
32541	Pharmaceutical and medicine manufacturing	1	13	6	1 281	57 948	868	1 821	43 026	360 196	231 114	598 004	20 184
325412	Pharmaceutical preparation manufacturing	1	9	4	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	21	7	532	20 500	365	658	12 620	72 741	74 796	148 014	12 276
32551	Paint and coating manufacturing	—	9	3	311	12 847	209	330	8 101	30 150	35 986	66 825	D
325510	Paint and coating manufacturing	—	9	3	311	12 847	209	330	8 101	30 150	35 986	66 825	D
3259	Other chemical product and preparation manufacturing	2	46	16	1 231	54 116	856	1 787	32 166	154 096	158 112	315 538	5 368
32592	Explosives manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ..	4	32	10	620	25 658	397	786	12 101	84 900	86 972	170 829	D
325991	Custom compounding of purchased resins	4	14	4	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing ..	3	13	5	281	12 236	153	275	4 258	38 756	32 256	70 247	1 178
326	Plastics and rubber products manufacturing	1	116	57	4 635	138 192	3 792	7 671	95 878	356 323	408 666	778 094	32 403
3261	Plastics product manufacturing ..	1	89	48	3 933	120 636	3 226	6 576	85 093	311 916	375 572	701 480	30 448
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	9	5	297	12 156	240	488	8 880	35 683	74 359	110 727	7 856
32616	Plastics bottle manufacturing ..	—	4	4	294	8 966	267	556	7 536	36 319	37 861	73 518	2 181
326160	Plastics bottle manufacturing ..	—	4	4	294	8 966	267	556	7 536	36 319	37 861	73 518	2 181
32619	Other plastics product manufacturing	1	60	30	2 825	79 103	2 360	4 807	57 850	182 740	186 951	384 475	8 213
326199	All other plastics product manufacturing	1	53	28	2 639	74 262	2 208	4 475	54 618	168 240	175 723	358 625	7 878
3262	Rubber product manufacturing ..	2	27	9	702	17 556	566	1 095	10 785	44 407	33 094	76 614	1 955
32629	Other rubber product manufacturing	2	22	8	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	—	9	3	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	4	13	5	251	8 945	181	387	5 124	16 212	10 878	27 121	624

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)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Fort Worth-Arlington, TX Metropolitan Division—Con.												
327	Nonmetallic mineral product manufacturing	3	110	39	3 300	119 183	2 688	6 052	91 440	435 039	345 436	772 899	27 309
3271	Clay product and refractory manufacturing	4	8	5	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	4	6	4	289	8 133	240	521	6 601	30 245	9 117	38 395	D
3272	Glass and glass product manufacturing	4	12	3	254	7 398	186	382	4 733	14 072	16 193	30 285	D
32721	Glass and glass product manufacturing	4	12	3	254	7 398	186	382	4 733	14 072	16 193	30 285	D
327215	Glass product manufacturing made of purchased glass ..	4	12	3	254	7 398	186	382	4 733	14 072	16 193	30 285	D
3273	Cement and concrete product manufacturing	3	66	23	1 730	63 539	1 442	3 223	48 349	258 281	218 598	472 600	13 835
32732	Ready-mix concrete manufacturing	5	46	15	957	37 948	809	1 817	29 492	104 925	135 872	240 939	8 759
327320	Ready-mix concrete manufacturing	5	46	15	957	37 948	809	1 817	29 492	104 925	135 872	240 939	8 759
32739	Other concrete product manufacturing	2	17	6	604	21 232	490	1 063	15 695	130 283	61 295	187 377	3 918
327390	Other concrete product manufacturing	2	17	6	604	21 232	490	1 063	15 695	130 283	61 295	187 377	3 918
3274	Lime and gypsum product manufacturing	2	6	3	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	1	18	5	721	30 460	573	1 316	24 713	105 019	78 048	180 808	3 401
32799	All other nonmetallic mineral product manufacturing	1	16	5	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	3	32	13	960	32 275	782	1 680	24 064	63 825	64 852	132 514	8 377
3315	Foundries	1	17	10	697	22 690	577	1 214	17 081	47 168	26 594	75 079	D
33151	Ferrous metal foundries	—	6	3	416	13 841	342	732	10 744	29 504	16 508	47 240	440
331513	Steel foundries (except investment)	—	1	1	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	2	11	7	281	8 849	235	482	6 337	17 664	10 086	27 839	D
332	Fabricated metal product manufacturing	1	464	130	9 429	334 141	7 010	14 221	207 096	787 111	599 276	1 385 158	33 869
3321	Forging and stamping.....	2	23	16	819	29 360	611	1 344	18 151	74 592	56 643	131 361	3 426
33211	Forging and stamping.....	2	23	16	819	29 360	611	1 344	18 151	74 592	56 643	131 361	3 426
332111	Iron and steel forging	3	6	4	e	D	D	D	D	D	D	D	D
332116	Metal stamping	3	14	10	427	14 686	317	688	8 650	34 875	20 960	56 330	D
3322	Cutlery and handtool manufacturing	1	8	2	352	11 962	262	543	7 618	24 079	15 208	39 146	D
33221	Cutlery and handtool manufacturing	1	8	2	352	11 962	262	543	7 618	24 079	15 208	39 146	D
332213	Saw blade and handsaw manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	117	41	2 977	99 675	2 198	4 564	60 307	217 273	220 405	440 537	7 418
33231	Plate work and fabricated structural product manufacturing	1	57	21	1 395	47 964	1 001	2 152	28 950	109 804	145 398	257 725	4 900
332312	Fabricated structural metal manufacturing	—	34	15	993	34 510	714	1 508	20 239	83 035	124 491	208 574	4 086
332313	Plate work manufacturing ...	4	13	5	332	10 730	247	560	7 331	16 376	14 128	32 500	648
33232	Ornamental and architectural metal products manufacturing	2	60	20	1 582	51 711	1 197	2 412	31 357	107 469	75 007	182 812	2 518
332322	Sheet metal work manufacturing	1	31	13	1 230	41 013	940	1 928	25 292	82 139	57 355	139 405	1 897
3324	Boiler, tank, and shipping container manufacturing	—	10	3	326	13 886	224	503	8 939	42 113	61 347	108 010	810
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	5	3	263	11 620	177	400	7 277	37 645	56 088	98 269	D

See footnotes at end of table.

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

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	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Fort Worth-Arlington, TX Metropolitan Division—Con.												
332	Fabricated metal product manufacturing—Con.												
3326	Spring and wire product manufacturing	5	16	5	384	10 519	333	646	7 656	18 217	19 036	37 276	883
33261	Spring and wire product manufacturing	5	16	5	384	10 519	333	646	7 656	18 217	19 036	37 276	883
332618	Other fabricated wire product manufacturing	4	12	3	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	179	28	2 033	83 889	1 459	2 972	51 571	211 275	95 889	298 047	11 457
33271	Machine shops	1	150	19	1 484	61 931	1 055	2 124	37 660	167 718	77 648	235 679	7 519
332710	Machine shops	1	150	19	1 484	61 931	1 055	2 124	37 660	167 718	77 648	235 679	7 519
33272	Turned product and screw, nut, and bolt manufacturing	2	29	9	549	21 958	404	848	13 911	43 557	18 241	62 368	3 938
332721	Precision turned product manufacturing	2	25	7	461	18 496	337	704	11 559	35 086	11 689	47 123	D
3328	Coating, engraving, heat treating, and allied activities	1	42	12	844	23 433	679	1 095	15 761	49 601	17 368	66 976	3 303
33281	Coating, engraving, heat treating, and allied activities ..	1	42	12	844	23 433	679	1 095	15 761	49 601	17 368	66 976	3 303
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	3	18	6	403	8 541	344	419	6 224	18 067	9 124	27 224	1 450
332813	Electroplating, plating, polishing, anodizing, and coloring	—	16	3	274	9 279	200	416	5 525	17 568	4 958	22 455	626
3329	Other fabricated metal product manufacturing	1	59	21	1 502	55 160	1 097	2 229	33 394	133 268	107 771	241 312	5 749
33291	Metal valve manufacturing	1	9	4	471	20 741	316	717	11 699	54 802	23 381	80 280	1 706
332912	Fluid power valve and hose fitting manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	50	17	1 031	34 419	781	1 512	21 695	78 466	84 390	161 032	4 043
332999	All other miscellaneous fabricated metal product manufacturing	1	32	12	736	24 007	559	1 040	15 038	56 250	47 249	103 298	D
333	Machinery manufacturing	—	183	66	8 822	340 175	5 847	12 016	179 936	565 140	773 313	1 371 555	42 720
3331	Agriculture, construction, and mining machinery manufacturing	—	26	14	1 830	81 891	1 325	3 133	50 084	147 608	197 615	327 559	13 975
33312	Construction machinery manufacturing	3	7	4	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	3	7	4	e	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	—	18	10	1 492	68 466	1 109	2 764	43 320	121 528	165 921	272 105	12 839
333132	Oil and gas field machinery and equipment manufacturing	—	16	9	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	5	35	9	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	5	29	8	875	35 927	512	983	17 102	58 985	52 729	110 877	D
333293	Printing machinery and equipment manufacturing ..	—	9	3	266	10 966	150	302	5 625	12 243	16 510	27 889	D
333298	All other industrial machinery manufacturing	8	13	3	458	19 223	266	469	8 366	36 243	29 437	65 811	D
3333	Commercial and service industry machinery manufacturing	—	17	7	1 111	52 437	401	570	11 952	32 865	165 658	225 463	4 814
33331	Commercial and service industry machinery manufacturing	—	17	7	1 111	52 437	401	570	11 952	32 865	165 658	225 463	4 814
333313	Office machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	1	14	5	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	21	9	1 499	48 314	1 037	2 102	26 134	116 684	89 163	203 940	2 295

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	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Fort Worth-Arlington, TX Metropolitan Division—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.												
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	21	9	1 499	48 314	1 037	2 102	26 134	116 684	89 163	203 940	2 295
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	12	6	925	29 354	644	1 447	15 081	73 257	62 385	134 706	1 662
3335	Metalworking machinery manufacturing	—	29	5	1 232	41 130	987	2 214	27 250	64 291	113 125	187 459	D
33351	Metalworking machinery manufacturing	—	29	5	1 232	41 130	987	2 214	27 250	64 291	113 125	187 459	D
333511	Industrial mold manufacturing	—	9	3	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	50	18	1 573	58 115	1 037	1 832	30 156	95 064	117 503	229 672	8 615
33391	Pump and compressor manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	—	28	14	1 026	36 159	681	1 199	18 601	58 690	82 078	142 301	4 330
333921	Elevator and moving stairway manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	—	16	6	554	19 031	334	543	9 547	37 297	24 824	64 415	D
334	Computer and electronic product manufacturing	—	71	26	5 407	262 531	3 388	6 714	136 289	1 497 269	3 391 268	4 850 624	46 413
3341	Computer and peripheral equipment manufacturing	—	9	3	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	9	3	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	14	5	h	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	7	4	h	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	7	4	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	22	6	1 165	70 923	999	2 183	60 218	208 584	67 278	272 512	D
33441	Semiconductor and other electronic component manufacturing	—	22	6	1 165	70 923	999	2 183	60 218	208 584	67 278	272 512	D
334413	Semiconductor and related device manufacturing	—	4	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Fort Worth-Arlington, TX Metropolitan Division—Con.												
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	22	11	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	22	11	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	32	15	2 400	75 335	1 793	3 458	45 112	174 710	191 372	361 641	7 057
3352	Household appliance manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335211	Electric housewares and household fan manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	12	3	599	20 706	441	758	12 965	49 877	54 521	103 515	D
33531	Electrical equipment manufacturing	—	12	3	599	20 706	441	758	12 965	49 877	54 521	103 515	D
335313	Switchgear and switchboard apparatus manufacturing . . .	—	4	2	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	16	10	1 129	39 088	778	1 612	21 725	78 722	67 013	145 820	3 465
33592	Communication and energy wire and cable manufacturing .	—	5	4	582	15 675	433	896	9 514	33 173	40 598	72 130	D
335929	Other communication and energy wire manufacturing .	—	3	3	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	6	3	372	16 757	255	537	9 868	30 635	13 203	45 486	D
335991	Carbon and graphite product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	137	47	26 811	1 776 947	12 346	26 034	712 801	7 523 358	7 461 747	14 235 353	192 544
3361	Motor vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	30	14	g	D	D	D	D	D	D	D	1 895
33621	Motor vehicle body and trailer manufacturing	1	30	14	g	D	D	D	D	D	D	D	1 895
336211	Motor vehicle body manufacturing	1	8	4	e	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing	1	12	6	e	D	D	D	D	D	D	D	D
336213	Motor home manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	4	9	3	e	D	D	D	D	D	D	D	305
3363	Motor vehicle parts manufacturing	—	55	16	2 621	105 939	2 085	3 906	74 071	280 470	517 415	798 112	9 816
33636	Motor vehicle seating and interior trim manufacturing . . .	—	6	2	f	D	D	D	D	D	D	D	4 285
336360	Motor vehicle seating and interior trim manufacturing . .	—	6	2	f	D	D	D	D	D	D	D	4 285
33639	Other motor vehicle parts manufacturing	1	21	7	1 305	38 847	1 108	1 855	27 048	147 746	123 118	269 780	D
336391	Motor vehicle air-conditioning manufacturing	—	12	5	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	6	9	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	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)
	DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.												
	Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area—Con.												
	Fort Worth-Arlington, TX Metropolitan Division—Con.												
336	Transportation equipment manufacturing—Con.												
3364	Aerospace product and parts manufacturing	—	36	14	j	D	D	D	D	D	D	177 393	
33641	Aerospace product and parts manufacturing	—	36	14	j	D	D	D	D	D	D	177 393	
336411	Aircraft manufacturing	—	9	3	j	D	D	D	D	D	D	D	
336412	Aircraft engine and engine parts manufacturing	5	5	4	e	D	D	D	D	D	D	D	
336413	Other aircraft parts and auxiliary equipment manufacturing	1	19	6	478	20 625	339	742	13 775	33 152	22 841	62 634	9 805
337	Furniture and related product manufacturing	2	166	40	3 333	94 813	2 667	5 587	62 959	229 153	195 391	418 878	5 850
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	118	20	1 553	42 389	1 278	2 543	29 993	91 699	62 197	151 939	3 810
33711	Wood kitchen cabinet and countertop manufacturing	3	80	12	978	26 057	783	1 559	17 470	55 385	28 234	81 705	1 878
337110	Wood kitchen cabinet and countertop manufacturing ..	3	80	12	978	26 057	783	1 559	17 470	55 385	28 234	81 705	1 878
33712	Household and institutional furniture manufacturing	3	38	8	575	16 332	495	984	12 523	36 314	33 963	70 234	1 932
337127	Institutional furniture manufacturing	4	8	4	298	9 677	263	530	7 378	22 216	20 911	42 919	1 533
3372	Office furniture (including fixtures) manufacturing	1	35	11	1 046	31 457	783	1 696	19 829	57 150	69 744	128 044	D
33721	Office furniture (including fixtures) manufacturing	1	35	11	1 046	31 457	783	1 696	19 829	57 150	69 744	128 044	D
337215	Showcase, partition, shelving, and locker manufacturing	—	14	4	699	20 847	512	1 140	13 095	35 526	57 118	93 679	1 017
3379	Other furniture related product manufacturing	1	13	9	734	20 967	606	1 348	13 137	80 304	63 450	138 895	D
33791	Mattress manufacturing	1	7	4	453	15 164	362	847	9 254	68 502	49 637	113 293	D
337910	Mattress manufacturing	1	7	4	453	15 164	362	847	9 254	68 502	49 637	113 293	D
33792	Blind and shade manufacturing	—	6	5	281	5 803	244	501	3 883	11 802	13 813	25 602	D
337920	Blind and shade manufacturing	—	6	5	281	5 803	244	501	3 883	11 802	13 813	25 602	D
339	Miscellaneous manufacturing	2	189	38	3 563	124 426	2 497	4 978	66 106	318 673	198 586	526 427	14 669
3391	Medical equipment and supplies manufacturing	—	64	9	1 405	47 588	1 083	2 224	30 014	137 289	78 809	223 831	4 687
33911	Medical equipment and supplies manufacturing	—	64	9	1 405	47 588	1 083	2 224	30 014	137 289	78 809	223 831	4 687
339113	Surgical appliance and supplies manufacturing	—	11	4	968	33 882	781	1 642	21 894	117 769	58 267	180 285	3 144
339116	Dental laboratories	3	38	3	264	6 868	200	372	5 005	12 149	3 268	16 987	1 016
3399	Other miscellaneous manufacturing	3	125	29	2 158	76 838	1 414	2 754	36 092	181 384	119 777	302 596	9 982
33992	Sporting and athletic goods manufacturing	3	9	5	272	7 891	194	351	3 668	30 671	25 678	56 041	2 434
339920	Sporting and athletic goods manufacturing	3	9	5	272	7 891	194	351	3 668	30 671	25 678	56 041	2 434
33995	Sign manufacturing	3	49	10	997	40 681	600	1 182	17 922	87 824	54 378	142 010	1 735
339950	Sign manufacturing	3	49	10	997	40 681	600	1 182	17 922	87 824	54 378	142 010	1 735
33999	All other miscellaneous manufacturing	4	49	11	655	21 095	480	983	11 751	46 012	29 467	77 698	5 392
339999	All other miscellaneous manufacturing	1	33	7	402	13 356	290	597	7 664	26 501	18 323	47 107	3 702
	Gainesville, TX Micropolitan Statistical Area												
31-33	Manufacturing	1	67	20	4 399	134 483	3 736	8 449	95 391	265 807	233 395	501 013	23 604
311	Food manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	8	6	391	11 097	321	668	8 082	28 835	36 431	64 172	410
3261	Plastics product manufacturing ..	1	8	6	391	11 097	321	668	8 082	28 835	36 431	64 172	410

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)				
DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA—Con.													
Gainesville, TX Micropolitan Statistical Area—Con.													
332	Fabricated metal product manufacturing	—	19	2	2 123	46 603	1 895	3 999	30 818	103 199	49 690	154 029	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	10	1	g	D	D	D	D	D	D	D	D
33271	Machine shops	—	10	1	g	D	D	D	D	D	D	D	D
332710	Machine shops	—	10	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
Granbury, TX Micropolitan Statistical Area													
31-33	Manufacturing	3	47	7	742	20 742	622	1 251	14 584	46 666	43 264	89 770	3 068
314	Textile product mills	5	5	2	311	8 896	263	517	5 704	15 506	15 431	30 677	D
3149	Other textile product mills	5	5	2	311	8 896	263	517	5 704	15 506	15 431	30 677	D
31499	All other textile product mills	5	5	2	311	8 896	263	517	5 704	15 506	15 431	30 677	D
314991	Rope, cordage, and twine mills	5	4	2	e	D	D	D	D	D	D	D	D
Mineral Wells, TX Micropolitan Statistical Area													
31-33	Manufacturing	5	39	12	1 357	41 468	947	1 743	20 909	80 064	92 212	174 434	14 003
333	Machinery manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	3	3	3	470	13 422	372	729	9 710	25 480	39 098	66 329	D
3359	Other electrical equipment and component manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA													
31-33	Manufacturing	—	15 485	1 695	195 881	8 781 688	129 300	263 974	4 879 553	34 207 958	61 873 903	96 019 601	4 026 149
311	Food manufacturing	1	327	73	j	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	—	9	6	367	10 644	304	628	8 948	68 175	173 804	241 989	2 021
31121	Flour milling and malt manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
311212	Rice milling	—	3	3	260	7 263	221	447	6 276	55 954	105 492	160 320	1 402
3113	Sugar and confectionery product manufacturing	—	9	1	e	D	D	D	D	D	D	D	48
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
3114	Fruit and vegetable preserving and specialty food manufacturing	1	17	4	1 566	38 030	1 457	3 286	32 771	97 932	51 071	149 003	7 333
31141	Frozen food manufacturing	1	9	4	1 552	37 595	1 445	3 262	32 452	95 874	49 476	145 350	7 227
311412	Frozen specialty food manufacturing	1	9	4	1 552	37 595	1 445	3 262	32 452	95 874	49 476	145 350	7 227
3115	Dairy product manufacturing	—	14	5	916	34 892	323	716	11 595	204 286	263 023	465 198	9 926
31151	Dairy product (except frozen) manufacturing	1	6	4	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
311	Food manufacturing—Con.												
3116	Animal slaughtering and processing	—	36	15	2 728	74 161	2 230	4 748	49 483	198 251	372 944	567 333	11 036
31161	Animal slaughtering and processing	—	36	15	2 728	74 161	2 230	4 748	49 483	198 251	372 944	567 333	11 036
311612	Meat processed from carcasses	—	17	7	1 809	51 067	1 466	3 172	33 271	114 486	269 124	379 873	4 295
311615	Poultry processing	—	4	4	692	15 162	611	1 221	11 558	70 264	67 260	137 058	2 203
3117	Seafood product preparation and packaging	5	13	4	e	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	5	13	4	e	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	5	13	4	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	2	169	25	h	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	2	149	19	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	112	10	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	33	7	g	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	5	4	2	e	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	—	11	4	449	10 450	390	651	7 818	27 454	19 739	47 324	D
311830	Tortilla manufacturing	—	11	4	449	10 450	390	651	7 818	27 454	19 739	47 324	D
3119	Other food manufacturing	1	55	12	1 998	76 862	1 561	3 188	53 511	475 821	316 025	789 470	29 277
31191	Snack food manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .	1	9	3	741	35 254	569	1 138	24 054	210 873	174 305	387 207	10 419
311920	Coffee and tea manufacturing	1	9	3	741	35 254	569	1 138	24 054	210 873	174 305	387 207	10 419
31199	All other food manufacturing ...	3	38	5	689	23 539	554	1 206	16 437	86 803	65 833	152 585	D
311991	Perishable prepared food manufacturing	9	8	4	251	8 269	210	428	5 621	12 843	17 029	29 872	D
311999	All other miscellaneous food manufacturing	1	30	1	438	15 270	344	778	10 816	73 960	48 804	122 713	4 748
312	Beverage and tobacco product manufacturing	—	18	10	2 606	122 391	1 235	2 766	52 463	1 312 785	846 005	2 158 326	62 508
3121	Beverage manufacturing	—	17	10	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	15	9	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing ...	—	6	6	g	D	D	D	D	D	D	D	D
312112	Bottled water manufacturing .	—	6	2	e	D	D	D	D	D	D	D	D
31212	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	3	109	21	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	3	43	5	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	3	41	5	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	2	66	16	f	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills ...	2	29	8	417	10 668	297	564	5 826	16 828	20 496	38 924	230
314912	Canvas and related product mills	3	25	5	304	7 765	204	348	4 018	11 468	13 537	26 771	D
31499	All other textile product mills ...	3	37	8	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	4	33	6	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	5	82	12	f	D	D	D	D	D	D	D	720
3152	Cut and sew apparel manufacturing	5	67	9	748	15 161	530	998	9 542	33 170	24 319	57 094	690
31523	Women's and girls' cut and sew apparel manufacturing	4	16	4	368	7 830	192	404	3 861	17 969	15 775	33 312	D
315239	Women's and girls' cut and sew other outerwear manufacturing	4	10	4	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	141	38	3 756	101 157	3 011	6 109	70 060	258 632	342 906	599 247	11 846
3211	Sawmills and wood preservation .	1	19	3	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	1	19	3	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	5	11	5	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	5	11	5	f	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
321214	Truss manufacturing	—	5	2	e	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
321	Wood product manufacturing—Con.												
3219	Other wood product manufacturing	4	111	30	h	D	D	D	D	D	D	D	D
32191	Millwork	7	56	14	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	8	18	4	e	D	D	D	D	D	D	D	D
321912	Cut stock, resawing lumber, and planing	3	12	5	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	6	26	5	439	11 093	375	747	8 152	17 872	23 917	42 229	2 157
32192	Wood container and pallet manufacturing	2	23	7	551	11 267	476	810	8 677	29 832	30 002	59 786	936
321920	Wood container and pallet manufacturing	2	23	7	551	11 267	476	810	8 677	29 832	30 002	59 786	936
32199	All other wood product manufacturing	2	32	9	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	5	6	3	315	8 808	201	394	4 423	17 385	22 069	39 368	592
321999	All other miscellaneous wood product manufacturing	1	22	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	44	27	2 464	97 070	1 890	3 719	61 080	244 376	338 955	590 709	8 194
3221	Pulp, paper, and paperboard mills	—	5	5	925	43 864	726	1 375	30 575	129 995	172 814	307 783	3 528
32212	Paper mills	—	3	3	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	2	2	e	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	39	22	1 539	53 206	1 164	2 344	30 505	114 381	166 141	282 926	4 666
32221	Paperboard container manufacturing	2	19	13	944	35 561	680	1 418	18 984	72 580	121 183	194 673	1 824
322211	Corrugated and solid fiber box manufacturing	1	17	12	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	546	78	i	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	546	78	i	D	D	D	D	D	D	D	D
32311	Printing	2	501	69	i	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	239	41	h	D	D	D	D	D	D	D	D
323113	Commercial screen printing ..	2	68	11	g	D	D	D	D	D	D	D	D
323114	Quick printing	4	110	5	f	D	D	D	D	D	D	D	D
323115	Digital printing	—	19	5	500	15 049	349	724	8 572	36 394	8 958	45 318	2 470
323119	Other commercial printing ..	2	40	2	480	21 449	259	547	7 288	42 269	17 152	59 420	3 348
32312	Support activities for printing ..	2	45	9	583	20 760	470	880	14 126	34 825	5 894	44 775	1 587
323121	Tradebinding and related work	2	22	7	345	9 886	293	571	7 006	12 097	3 526	19 719	912
324	Petroleum and coal products manufacturing	—	'58	'27	i	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	'58	'27	i	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	'16	'15	'8 363	'622 950	'5 024	'11 436	'340 642	'3 603 463	'20 768 819	'24 236 121	'631 539
324110	Petroleum refineries	—	'16	'15	'8 363	'622 950	'5 024	'11 436	'340 642	'3 603 463	'20 768 819	'24 236 121	'631 539
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	13	4	291	10 981	237	501	7 865	39 942	118 621	158 371	2 777
32419	Other petroleum and coal products manufacturing	—	29	8	f	D	D	D	D	D	D	D	D
324191	Petroleum lubricating oil and grease manufacturing	1	27	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	'401	210	k	D	D	D	D	D	D	D	'2 019 086
3251	Basic chemical manufacturing ...	—	'141	89	j	D	D	D	D	D	D	D	D
32511	Petrochemical manufacturing ..	—	14	12	4 219	310 747	2 388	4 812	175 867	4 506 617	7 277 008	11 770 742	278 344
325110	Petrochemical manufacturing	—	14	12	4 219	310 747	2 388	4 812	175 867	4 506 617	7 277 008	11 770 742	278 344
32512	Industrial gas manufacturing ...	—	'29	9	'594	'33 570	'281	'575	'17 414	'193 384	'471 081	'663 949	'81 180
325120	Industrial gas manufacturing ..	—	'29	9	'594	'33 570	'281	'575	'17 414	'193 384	'471 081	'663 949	'81 180
32518	Other basic inorganic chemical manufacturing	—	31	18	g	D	D	D	D	D	D	D	D
325181	Alkalies and chlorine manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	—	27	15	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	64	48	j	D	D	D	D	D	D	D	D
325192	Cyclic crude and intermediate manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	57	41	j	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.													
325	Chemical manufacturing—Con.													
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	48	39	i	D	D	D	D	D	D	D	D	
32521	Resin and synthetic rubber manufacturing	—	48	39	i	D	D	D	D	D	D	D	D	
325211	Plastics material and resin manufacturing	—	38	34	i	D	D	D	D	D	D	D	D	
325212	Synthetic rubber manufacturing	7	10	5		670	36 184	485	1 045	23 736	152 528	224 447	370 538	74 995
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1	24	8		765	45 903	454	1 042	24 485	225 093	210 850	444 380	35 215
32531	Fertilizer manufacturing	—	14	4		329	18 692	200	443	10 300	55 027	100 773	157 429	2 111
32532	Pesticide and other agricultural chemical manufacturing	1	10	4		436	27 211	254	599	14 185	170 066	110 077	286 951	33 104
325320	Pesticide and other agricultural chemical manufacturing	1	10	4		436	27 211	254	599	14 185	170 066	110 077	286 951	33 104
3254	Pharmaceutical and medicine manufacturing	1	23	9		661	29 684	464	972	17 383	140 194	43 820	188 149	10 293
32541	Pharmaceutical and medicine manufacturing	1	23	9		661	29 684	464	972	17 383	140 194	43 820	188 149	10 293
325414	Biological product (except diagnostic) manufacturing ..	—	7	3		301	11 015	223	469	7 494	22 585	9 772	32 010	6 471
3255	Paint, coating, and adhesive manufacturing	2	45	17		1 657	71 637	936	2 027	32 617	264 833	271 382	538 159	15 018
32551	Paint and coating manufacturing	3	35	11		1 273	57 754	682	1 473	25 642	207 853	227 249	436 567	12 676
325510	Paint and coating manufacturing	3	35	11		1 273	57 754	682	1 473	25 642	207 853	227 249	436 567	12 676
32552	Adhesive manufacturing	—	10	6		384	13 883	254	554	6 975	56 980	44 133	101 592	2 342
325520	Adhesive manufacturing	—	10	6		384	13 883	254	554	6 975	56 980	44 133	101 592	2 342
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	4	41	12		1 093	46 701	572	1 146	21 285	282 967	278 540	570 399	15 792
32561	Soap and cleaning compound manufacturing	4	31	10		808	39 346	457	912	19 460	252 241	245 347	504 932	14 973
325612	Polish and other sanitation good manufacturing	—	8	4		289	12 556	166	384	5 398	88 370	43 113	135 411	4 196
325613	Surface active agent manufacturing	4	4	3	e		D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	1	10	2		285	7 355	115	234	1 825	30 726	33 193	65 467	819
325620	Toilet preparation manufacturing	1	10	2		285	7 355	115	234	1 825	30 726	33 193	65 467	819
3259	Other chemical product and preparation manufacturing	2	79	36	g		D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	2	73	35	g		D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	2	27	11		778	36 900	568	1 192	23 216	83 615	193 684	279 540	6 648
325998	All other miscellaneous chemical product and preparation manufacturing ..	1	42	22	g		D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	237	102		9 628	316 878	7 063	14 217	188 540	892 273	858 427	1 757 132	57 485
3261	Plastics product manufacturing ..	1	202	89		8 868	292 320	6 494	13 023	173 490	847 977	808 477	1 663 523	53 347
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	38	13		1 662	63 208	1 200	2 490	34 999	165 141	226 475	393 500	22 979
326111	Plastics bag manufacturing ..	2	17	5		438	13 467	374	756	9 964	39 369	42 406	82 035	1 873
326112	Plastics packaging film and sheet (including laminated) manufacturing	7	6	2		353	10 345	291	493	6 840	22 732	28 815	49 655	1 397
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	1	15	6		871	39 396	535	1 241	18 195	103 040	155 254	261 810	19 709
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	2	24	11		793	28 442	582	1 078	17 350	106 289	90 535	197 004	5 285
326121	Unlaminated plastics profile shape manufacturing	2	12	7		408	14 357	277	480	8 165	41 080	37 655	78 900	3 591
326122	Plastics pipe and pipe fitting manufacturing	2	12	4		385	14 085	305	598	9 185	65 209	52 880	118 104	1 694
32614	Polystyrene foam product manufacturing	3	6	2		272	11 358	170	383	4 634	26 053	16 384	42 561	806
326140	Polystyrene foam product manufacturing	3	6	2		272	11 358	170	383	4 634	26 053	16 384	42 561	806
32616	Plastics bottle manufacturing ..	—	7	7		699	24 637	533	1 012	18 044	98 179	105 954	201 706	3 998
326160	Plastics bottle manufacturing	—	7	7		699	24 637	533	1 012	18 044	98 179	105 954	201 706	3 998

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)				
HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32619	Other plastics product manufacturing	1	112	48	5 130	155 076	3 749	7 534	91 379	423 687	338 192	769 174	18 703
326191	Plastics plumbing fixture manufacturing	1	11	7	f	D	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	100	40	4 115	123 389	3 279	6 478	80 118	374 722	262 158	633 293	14 794
3262	Rubber product manufacturing . . .	3	35	13	760	24 558	569	1 194	15 050	44 296	49 950	93 609	4 138
32629	Other rubber product manufacturing	3	23	9	473	13 963	373	775	8 813	28 128	26 262	53 638	2 879
327	Nonmetallic mineral product manufacturing	2	238	70	i	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	1	12	3	499	15 527	396	788	10 268	70 602	21 180	88 651	4 160
32712	Clay building material and refractories manufacturing	—	5	2	350	10 196	286	565	7 819	62 465	15 679	75 000	D
327122	Ceramic wall and floor tile manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	31	8	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	31	8	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass	1	23	6	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	131	48	h	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	2	83	18	g	D	D	D	D	D	D	D	21 209
327320	Ready-mix concrete manufacturing	2	83	18	g	D	D	D	D	D	D	D	21 209
32733	Concrete pipe, brick, and block manufacturing	—	18	12	f	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	13	9	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	1	29	17	g	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	1	29	17	g	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	3	57	10	917	32 180	658	1 424	19 782	99 543	63 841	162 817	4 657
32799	All other nonmetallic mineral product manufacturing	3	50	9	804	28 331	587	1 272	17 740	89 879	56 495	145 739	3 966
327991	Cut stone and stone product manufacturing	4	22	4	356	10 741	282	618	7 683	26 607	13 550	40 088	841
331	Primary metal manufacturing	1	66	26	2 549	95 155	1 995	4 302	66 473	234 437	362 300	598 322	17 183
3312	Steel product manufacturing from purchased steel	1	20	14	1 742	63 174	1 418	3 076	45 692	122 535	230 654	358 033	12 946
33121	Iron and steel pipe and tube manufacturing from purchased steel	1	9	8	g	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	1	9	8	g	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	11	6	f	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	9	6	f	D	D	D	D	D	D	D	D
3315	Foundries	2	22	4	314	12 078	251	529	8 998	25 309	14 956	40 280	719
332	Fabricated metal product manufacturing	2	1 533	494	k	D	D	D	D	D	D	D	D
3321	Forging and stamping	2	48	24	3 082	122 883	2 245	4 857	73 197	206 650	237 259	439 423	30 071
33211	Forging and stamping	2	48	24	3 082	122 883	2 245	4 857	73 197	206 650	237 259	439 423	30 071
332111	Iron and steel forging	3	11	6	763	27 895	587	1 240	19 327	64 506	83 311	147 102	6 049
332112	Nonferrous forging	—	1	1	f	D	D	D	D	D	D	D	D
332114	Custom roll forming	2	17	12	1 126	42 043	837	1 723	23 773	73 253	107 596	181 187	3 463
332116	Metal stamping	6	16	4	355	12 540	269	578	8 265	24 283	20 953	43 582	2 122

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)				
332	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
3323	Fabricated metal product manufacturing—Con.												
33231	Architectural and structural metals manufacturing	2	324	132	j	D	D	D	D	D	D	D	D
332311	Plate work and fabricated structural product manufacturing	3	155	63	i	D	D	D	D	D	D	D	D
332312	Prefabricated metal building and component manufacturing	1	25	11	2 626	91 187	1 642	3 479	48 227	167 654	196 455	368 344	4 224
332313	Fabricated structural metal manufacturing	4	91	37	g	D	D	D	D	D	D	D	D
33232	Plate work manufacturing ...	4	39	15	628	24 337	456	927	15 001	54 078	22 398	76 802	1 426
332321	Ornamental and architectural metal products manufacturing	1	169	69	4 684	144 401	3 490	6 736	88 269	313 325	353 964	665 790	11 971
332322	Metal window and door manufacturing	—	20	13	1 226	31 359	907	1 723	16 927	75 222	89 153	163 011	2 751
332323	Sheet metal work manufacturing	2	100	36	2 214	71 247	1 652	3 187	45 820	142 825	180 044	322 085	4 766
3324	Ornamental and architectural metal work manufacturing ..	1	49	20	1 244	41 795	931	1 826	25 522	95 278	84 767	180 694	4 454
33241	Boiler, tank, and shipping container manufacturing	1	66	39	3 457	144 491	2 677	5 764	102 287	381 906	412 677	790 778	20 002
332410	Power boiler and heat exchanger manufacturing	3	21	14	1 434	61 004	1 089	2 433	42 505	149 857	101 959	253 272	4 891
33242	Metal tank (heavy gauge) manufacturing	3	21	14	1 434	61 004	1 089	2 433	42 505	149 857	101 959	253 272	4 891
332420	Metal tank (heavy gauge) manufacturing	—	32	17	981	39 157	741	1 542	26 384	74 905	50 922	125 102	1 286
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	32	17	981	39 157	741	1 542	26 384	74 905	50 922	125 102	1 286
332431	Metal can, box, and other metal container (light gauge) manufacturing	—	13	8	1 042	44 330	847	1 789	33 398	157 144	259 796	412 404	13 825
332439	Other metal container manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	2	47	16	1 123	39 245	853	1 860	24 084	76 632	61 603	139 589	2 540
33261	Spring and wire product manufacturing	2	47	16	1 123	39 245	853	1 860	24 084	76 632	61 603	139 589	2 540
332612	Spring (light gauge) manufacturing	—	8	4	283	11 185	187	402	5 867	18 318	8 035	26 309	D
332618	Other fabricated wire product manufacturing	3	36	10	762	25 387	610	1 324	16 804	52 327	51 299	105 074	1 933
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	'641	'115	i	D	D	D	D	D	D	D	D
33271	Machine shops	3	'567	'89	i	D	D	D	D	D	D	D	D
332710	Machine shops	3	'567	'89	i	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	1	74	26	1 806	72 965	1 294	2 853	47 138	149 601	81 874	230 725	27 836
332721	Precision turned product manufacturing	1	49	17	1 075	49 180	790	1 753	33 326	108 364	37 944	144 835	20 966
332722	Bolt, nut, screw, rivet, and washer manufacturing	1	25	9	731	23 785	504	1 100	13 812	41 237	43 930	85 890	6 870
3328	Coating, engraving, heat treating, and allied activities	2	144	51	h	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	2	144	51	h	D	D	D	D	D	D	D	D
332811	Metal heat treating	1	23	12	1 045	43 202	823	1 575	29 319	87 662	50 909	138 722	4 011
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	69	26	g	D	D	D	D	D	D	D	D
332813	Electroplating, plating, polishing, anodizing, and coloring	2	52	13	825	30 161	655	1 457	20 995	52 833	14 029	67 095	1 387
3329	Other fabricated metal product manufacturing	2	243	115	i	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	2	96	50	4 205	173 835	2 929	6 257	103 963	430 853	318 695	764 863	22 202
332911	Industrial valve manufacturing	1	44	25	2 708	118 026	1 758	3 958	67 996	297 444	215 038	526 886	13 859
332912	Fluid power valve and hose fitting manufacturing	4	15	6	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	3	36	18	1 169	42 309	962	1 854	28 573	100 344	80 722	181 036	7 170
33299	All other fabricated metal product manufacturing	3	147	65	i	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	3	57	38	3 747	116 093	2 988	5 143	77 847	284 177	231 472	517 276	19 745
332999	All other miscellaneous fabricated metal product manufacturing	3	76	24	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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HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.													
333	Machinery manufacturing	1	'507	198	k	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	1	'174	84	j	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	1	'160	83	'13 550	'698 678	'7 412	'14 693	'310 167	'1 442 863	'1 348 040	'2 757 861	'98 242
333132	Oil and gas field machinery and equipment manufacturing	1	'156	82	j	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	39	12	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	1	33	11	1 063	51 323	597	1 187	22 386	114 844	108 555	223 064	D
333298	All other industrial machinery manufacturing	1	26	10	945	46 061	530	1 077	20 235	106 567	99 373	205 617	3 083
3333	Commercial and service industry machinery manufacturing	1	29	8	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	1	29	8	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	1	24	8	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	47	22	3 409	116 790	2 624	4 903	73 376	399 990	441 419	938 713	16 870
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	47	22	3 409	116 790	2 624	4 903	73 376	399 990	441 419	938 713	16 870
333411	Air purification equipment manufacturing	-	11	7	e	D	D	D	D	D	D	D	1 621
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	30	13	3 010	103 075	2 402	4 455	67 256	360 768	413 551	870 928	14 425
3335	Metalworking machinery manufacturing	4	60	16	1 144	41 058	848	1 686	27 362	113 053	54 113	169 941	3 681
33351	Metalworking machinery manufacturing	4	60	16	1 144	41 058	848	1 686	27 362	113 053	54 113	169 941	3 681
333515	Cutting tool and machine tool accessory manufacturing ...	6	26	8	688	26 642	489	1 007	17 119	81 179	40 412	124 103	2 243
3336	Engine, turbine, and power transmission equipment manufacturing	3	19	8	829	37 857	617	1 368	26 476	84 581	47 033	127 355	5 701
33361	Engine, turbine, and power transmission equipment manufacturing	3	19	8	829	37 857	617	1 368	26 476	84 581	47 033	127 355	5 701
333611	Turbine and turbine generator set units manufacturing	3	5	4	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	2	139	48	4 708	217 838	2 669	5 374	109 825	466 143	695 958	1 150 651	25 110
33391	Pump and compressor manufacturing	3	33	15	1 475	76 573	796	1 556	39 451	166 765	177 415	343 784	7 629
333911	Pump and pumping equipment manufacturing ..	3	23	9	1 012	54 742	546	1 031	31 188	116 694	117 745	230 958	1 964
333912	Air and gas compressor manufacturing	4	10	6	463	21 831	250	525	8 263	50 071	59 670	112 826	5 665
33392	Material handling equipment manufacturing	-	33	13	1 673	78 077	880	1 863	38 496	169 511	415 159	570 593	13 800
333923	Overhead traveling crane, hoist, and monorail system manufacturing	6	14	5	385	13 538	246	460	5 368	21 389	43 588	65 008	759
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	-	8	3	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	3	73	20	1 560	63 188	993	1 955	31 878	129 867	103 384	236 274	3 681
333995	Fluid power cylinder and actuator manufacturing	1	6	4	318	12 533	197	444	5 816	30 041	23 574	53 873	733
333999	All other miscellaneous general purpose machinery manufacturing	4	43	10	664	25 247	409	717	11 235	50 812	40 667	91 757	1 907

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)				
HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	1	262	92	j	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	23	9	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	23	9	g	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	12	5	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	7	18	5	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	9	9	3	372	17 329	120	239	4 245	63 070	9 061	72 151	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	9	9	3	372	17 329	120	239	4 245	63 070	9 061	72 151	D
3344	Semiconductor and other electronic component manufacturing	—	54	21	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	54	21	h	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	1	14	8	1 680	58 746	815	1 537	22 184	178 230	220 524	401 164	D
334419	Other electronic component manufacturing	3	12	4	534	19 265	396	798	9 848	31 780	26 078	60 973	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	148	55	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	1	148	55	i	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing	—	8	6	1 011	62 499	451	960	14 575	155 349	28 863	191 155	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2	45	18	g	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	—	7	3	473	22 548	332	680	13 813	64 433	42 624	113 692	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	8	14	4	618	27 902	299	537	9 325	58 390	45 269	98 913	D
334516	Analytical laboratory instrument manufacturing	3	21	6	500	23 534	316	653	10 989	50 439	19 353	65 317	D
334519	Other measuring and controlling device manufacturing	—	32	12	1 575	82 437	1 215	2 876	60 880	155 469	232 671	429 513	D
335	Electrical equipment, appliance, and component manufacturing	2	117	37	5 078	196 191	3 428	6 985	101 510	489 077	485 063	990 024	18 301
3351	Electric lighting equipment manufacturing	—	18	7	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	—	17	7	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	2	71	17	3 683	142 876	2 419	5 092	71 269	352 491	347 466	715 449	14 340
33531	Electrical equipment manufacturing	2	71	17	3 683	142 876	2 419	5 092	71 269	352 491	347 466	715 449	14 340
335312	Motor and generator manufacturing	—	13	4	1 181	52 769	529	1 056	18 269	84 794	136 165	236 851	D
335313	Switchgear and switchboard apparatus manufacturing	2	15	4	1 792	61 233	1 482	3 193	42 507	169 207	145 197	315 378	8 712
335314	Relay and industrial control manufacturing	6	32	8	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	4	27	13	849	34 871	657	1 349	22 127	88 276	101 317	190 402	2 893
33593	Wiring device manufacturing	2	7	5	468	18 846	382	777	13 693	57 170	70 860	129 104	1 928
335932	Noncurrent-carrying wiring device manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	7	14	6	298	13 302	207	423	6 568	23 967	20 909	44 720	D
335999	All other miscellaneous electrical equipment and component manufacturing	7	12	5	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)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
336	Transportation equipment manufacturing	1	124	41	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	3	24	14	f	D	D	D	D	D	D	D	1 233
33621	Motor vehicle body and trailer manufacturing	3	24	14	f	D	D	D	D	D	D	D	1 233
336211	Motor vehicle body manufacturing	2	11	7	f	D	D	D	D	D	D	D	677
3363	Motor vehicle parts manufacturing	6	37	8	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	2	42	12	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	2	42	12	g	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	2	32	12	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	175	44	h	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	113	21	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	2	46	7	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	2	46	7	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	1	67	14	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	1	22	7	387	9 065	328	575	6 323	21 360	23 191	44 453	613
3372	Office furniture (including fixtures) manufacturing	2	44	13	1 001	33 437	800	1 480	22 817	80 189	46 054	126 624	D
33721	Office furniture (including fixtures) manufacturing	2	44	13	1 001	33 437	800	1 480	22 817	80 189	46 054	126 624	D
337212	Custom architectural woodwork and millwork manufacturing	1	25	7	675	23 362	531	1 031	15 859	60 588	33 066	93 984	1 874
337215	Showcase, partition, shelving, and locker manufacturing	7	13	5	264	8 023	216	346	5 377	15 146	10 177	25 376	D
3379	Other furniture related product manufacturing	—	18	10	1 766	38 732	1 333	2 228	23 063	88 591	104 092	192 110	D
33791	Mattress manufacturing	—	9	4	268	8 477	189	434	4 837	28 693	27 664	56 203	D
337910	Mattress manufacturing	—	9	4	268	8 477	189	434	4 837	28 693	27 664	56 203	D
33792	Blind and shade manufacturing	—	9	6	1 498	30 255	1 144	1 794	18 226	59 898	76 428	135 907	D
337920	Blind and shade manufacturing	—	9	6	1 498	30 255	1 144	1 794	18 226	59 898	76 428	135 907	D
339	Miscellaneous manufacturing	4	473	92	i	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	2	143	21	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	2	143	21	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	4	15	5	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	1	28	7	989	34 752	837	1 626	25 877	83 955	102 450	186 876	11 670
339116	Dental laboratories	4	79	7	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	5	330	71	i	D	D	D	D	D	D	D	D
33991	Jewelry and silverware manufacturing	2	23	4	289	8 780	211	342	3 737	18 353	27 338	45 439	714
33992	Sporting and athletic goods manufacturing	1	26	4	362	9 536	285	512	6 091	30 067	17 149	47 094	217
339920	Sporting and athletic goods manufacturing	1	26	4	362	9 536	285	512	6 091	30 067	17 149	47 094	217
33995	Sign manufacturing	4	131	21	g	D	D	D	D	D	D	D	D
339950	Sign manufacturing	4	131	21	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	5	136	41	4 257	141 857	3 044	5 691	76 353	344 413	282 332	622 951	15 041
339991	Gasket, packing, and sealing device manufacturing	5	36	20	2 077	70 912	1 521	2 976	40 362	179 622	180 424	356 639	7 110
339999	All other miscellaneous manufacturing	6	91	19	2 104	68 737	1 459	2 598	34 461	157 869	97 628	255 129	7 790

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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)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Bay City, TX Micropolitan Statistical Area												
31-33	Manufacturing	—	25	2	488	32 285	303	654	18 848	227 720	542 319	768 055	8 114
325	Chemical manufacturing	—	4	2	e	D	D	D	D	D	D	D	7 697
	Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area												
31-33	Manufacturing	—	15 425	1 686	194 615	8 724 099	128 430	262 164	4 842 171	33 908 459	61 238 198	95 090 659	4 015 195
311	Food manufacturing	1	324	73	11 850	361 060	8 546	17 783	229 973	1 460 788	1 665 820	3 115 110	89 872
3112	Grain and oilseed milling	—	9	6	367	10 644	304	628	8 948	68 175	173 804	241 989	2 021
31121	Flour milling and malt manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
311212	Rice milling	—	3	3	260	7 263	221	447	6 276	55 954	105 492	160 320	1 402
3113	Sugar and confectionery product manufacturing	—	9	1	e	D	D	D	D	D	D	D	48
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
3114	Fruit and vegetable preserving and specialty food manufacturing	1	17	4	1 566	38 030	1 457	3 286	32 771	97 932	51 071	149 003	7 333
31141	Frozen food manufacturing	1	9	4	1 552	37 595	1 445	3 262	32 452	95 874	49 476	145 350	7 227
311412	Frozen specialty food manufacturing	1	9	4	1 552	37 595	1 445	3 262	32 452	95 874	49 476	145 350	7 227
3115	Dairy product manufacturing	—	14	5	916	34 892	323	716	11 595	204 286	263 023	465 198	9 926
31151	Dairy product (except frozen) manufacturing	1	6	4	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	36	15	2 728	74 161	2 230	4 748	49 483	198 251	372 944	567 333	11 036
31161	Animal slaughtering and processing	—	36	15	2 728	74 161	2 230	4 748	49 483	198 251	372 944	567 333	11 036
311612	Meat processed from carcasses	—	17	7	1 809	51 067	1 466	3 172	33 271	114 486	269 124	379 873	4 295
311615	Poultry processing	—	4	4	692	15 162	611	1 221	11 558	70 264	67 260	137 058	2 203
3117	Seafood product preparation and packaging	5	11	4	286	6 636	247	377	4 766	13 870	19 451	33 324	1 703
31171	Seafood product preparation and packaging	5	11	4	286	6 636	247	377	4 766	13 870	19 451	33 324	1 703
311712	Fresh and frozen seafood processing	5	11	4	286	6 636	247	377	4 766	13 870	19 451	33 324	1 703
3118	Bakeries and tortilla manufacturing	2	168	25	3 490	95 682	2 047	3 957	50 813	231 614	191 947	422 894	27 572
31181	Bread and bakery product manufacturing	2	148	19	2 902	80 457	1 586	3 149	41 503	189 124	160 356	348 691	19 524
311811	Retail bakeries	5	112	10	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	32	7	1 596	52 137	700	1 551	24 184	119 447	104 774	223 916	4 450
311813	Frozen cakes, pies, and other pastries manufacturing	5	4	2	e	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	—	11	4	449	10 450	390	651	7 818	27 454	19 739	47 324	D
311830	Tortilla manufacturing	—	11	4	449	10 450	390	651	7 818	27 454	19 739	47 324	D
3119	Other food manufacturing	1	55	12	1 998	76 862	1 561	3 188	53 511	475 821	316 025	789 470	29 277
31191	Snack food manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .	1	9	3	741	35 254	569	1 138	24 054	210 873	174 305	387 207	10 419
311920	Coffee and tea manufacturing	1	9	3	741	35 254	569	1 138	24 054	210 873	174 305	387 207	10 419
31199	All other food manufacturing ...	3	38	5	689	23 539	554	1 206	16 437	86 803	65 833	152 585	D
311991	Perishable prepared food manufacturing	9	8	4	251	8 269	210	428	5 621	12 843	17 029	29 872	D
311999	All other miscellaneous food manufacturing	1	30	1	438	15 270	344	778	10 816	73 960	48 804	122 713	4 748
312	Beverage and tobacco product manufacturing	—	18	10	2 606	122 391	1 235	2 766	52 463	1 312 785	846 005	2 158 326	62 508
3121	Beverage manufacturing	—	17	10	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	15	9	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	6	6	g	D	D	D	D	D	D	D	D
312112	Bottled water manufacturing .	—	6	2	e	D	D	D	D	D	D	D	D
31212	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	2	1	f	D	D	D	D	D	D	D	D

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HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.													
Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area—Con.													
314	Textile product mills	2	106	21	1 134	27 187	855	1 646	16 659	55 627	58 619	115 434	1 476
3141	Textile furnishings mills	3	42	5	312	6 984	258	494	4 788	12 654	15 114	27 770	313
31412	Curtain and linen mills	3	40	5	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	2	64	16	822	20 203	597	1 152	11 871	42 973	43 505	87 664	1 163
31491	Textile bag and canvas mills ...	2	29	8	417	10 668	297	564	5 826	16 828	20 496	38 924	230
314912	Canvas and related product mills	3	25	5	304	7 765	204	348	4 018	11 468	13 537	26 771	D
31499	All other textile product mills ...	3	35	8	405	9 535	300	588	6 045	26 145	23 009	48 740	933
314999	All other miscellaneous textile product mills	4	32	6	340	7 275	253	496	4 961	19 533	15 060	34 075	586
315	Apparel manufacturing	5	82	12	f	D	D	D	D	D	D	D	720
3152	Cut and sew apparel manufacturing	5	67	9	748	15 161	530	998	9 542	33 170	24 319	57 094	690
31523	Women's and girls' cut and sew apparel manufacturing	4	16	4	368	7 830	192	404	3 861	17 969	15 775	33 312	D
315239	Women's and girls' cut and sew other outerwear manufacturing	4	10	4	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	5	134	35	3 489	94 092	2 769	5 571	63 878	228 367	287 421	512 789	10 175
3212	Veneer, plywood, and engineered wood product manufacturing	5	10	5	828	25 141	661	1 432	17 531	43 196	68 830	111 917	2 007
32121	Veneer, plywood, and engineered wood product manufacturing	5	10	5	828	25 141	661	1 432	17 531	43 196	68 830	111 917	2 007
321212	Softwood veneer and plywood manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
321214	Truss manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	5	107	28	2 535	65 003	2 018	3 952	43 663	176 232	200 799	372 703	7 031
32191	Millwork	7	53	13	1 097	28 012	915	1 774	19 944	83 201	116 400	201 363	4 943
321911	Wood window and door manufacturing	8	17	4	436	11 787	341	642	7 587	59 185	76 481	134 705	2 382
321918	Other millwork (including flooring)	6	26	5	439	11 093	375	747	8 152	17 872	23 917	42 229	2 157
32192	Wood container and pallet manufacturing	2	23	7	551	11 267	476	810	8 677	29 832	30 002	59 786	936
321920	Wood container and pallet manufacturing	2	23	7	551	11 267	476	810	8 677	29 832	30 002	59 786	936
32199	All other wood product manufacturing	2	31	8	887	25 724	627	1 368	15 042	63 199	54 397	111 554	1 152
321991	Manufactured home (mobile home) manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	5	6	3	315	8 808	201	394	4 423	17 385	22 069	39 368	592
322	Paper manufacturing	1	44	27	2 464	97 070	1 890	3 719	61 080	244 376	338 955	590 709	8 194
3221	Pulp, paper, and paperboard mills	-	5	5	925	43 864	726	1 375	30 575	129 995	172 814	307 783	3 528
32212	Paper mills	-	3	3	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	2	2	e	D	D	D	D	D	D	D	D
322122	Newsprint mills	-	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	39	22	1 539	53 206	1 164	2 344	30 505	114 381	166 141	282 926	4 666
32221	Paperboard container manufacturing	2	19	13	944	35 561	680	1 418	18 984	72 580	121 183	194 673	1 824
322211	Corrugated and solid fiber box manufacturing	1	17	12	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	540	77	7 268	252 339	4 925	8 900	141 463	'510 794	304 500	827 197	26 655
3231	Printing and related support activities	2	540	77	7 268	252 339	4 925	8 900	141 463	'510 794	304 500	827 197	26 655
32311	Printing	2	495	68	6 685	231 579	4 455	8 020	127 337	'475 969	298 606	782 422	25 068
323110	Commercial lithographic printing	2	237	41	3 908	140 326	2 632	4 506	80 809	304 267	211 804	521 431	16 395
323113	Commercial screen printing ..	3	67	10	961	28 550	645	1 177	14 302	24 008	25 161	51 932	1 089
323114	Quick printing	4	108	5	497	14 068	332	556	8 357	33 622	11 412	44 773	1 082
323115	Digital printing	-	19	5	500	15 049	349	724	8 572	36 394	8 958	45 318	2 470
323119	Other commercial printing ...	2	40	2	480	21 449	259	547	7 288	42 269	17 152	59 420	3 348
32312	Support activities for printing ...	2	45	9	583	20 760	470	880	14 126	34 825	5 894	44 775	1 587
323121	Tradebinding and related work	2	22	7	345	9 886	293	571	7 006	12 097	3 526	19 719	912

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)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area—Con.												
324	Petroleum and coal products manufacturing	—	'57	'27	'9 360	'666 190	'5 750	'12 994	'370 653	'3 859 373	'21 140 012	'24 868 004	'641 142
3241	Petroleum and coal products manufacturing	—	'57	'27	'9 360	'666 190	'5 750	'12 994	'370 653	'3 859 373	'21 140 012	'24 868 004	'641 142
32411	Petroleum refineries	—	'16	'15	'8 363	'622 950	'5 024	'11 436	'340 642	'3 603 463	'20 768 819	'24 236 121	'631 539
324110	Petroleum refineries	—	'16	'15	'8 363	'622 950	'5 024	'11 436	'340 642	'3 603 463	'20 768 819	'24 236 121	'631 539
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	13	4	291	10 981	237	501	7 865	39 942	118 621	158 371	2 777
32419	Other petroleum and coal products manufacturing	—	28	8	706	32 259	489	1 057	22 146	215 968	252 572	473 512	6 826
324191	Petroleum lubricating oil and grease manufacturing	—	26	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	'397	208	'37 472	'2 413 617	'21 175	'46 085	'1 319 941	'14 967 089	'26 287 575	'41 225 487	'2 011 389
3251	Basic chemical manufacturing ...	—	'139	88	'21 233	'1 421 818	'11 892	'26 849	'779 682	'9 953 286	'17 646 371	'27 613 894	'975 926
32511	Petrochemical manufacturing ..	—	14	12	4 219	310 747	2 388	4 812	175 867	4 506 617	7 277 008	11 770 742	278 344
325110	Petrochemical manufacturing	—	14	12	4 219	310 747	2 388	4 812	175 867	4 506 617	7 277 008	11 770 742	278 344
32512	Industrial gas manufacturing	—	'29	9	'594	'33 570	'281	'575	'17 414	'193 384	'471 081	'663 949	'81 180
325120	Industrial gas manufacturing	—	'29	9	'594	'33 570	'281	'575	'17 414	'193 384	'471 081	'663 949	'81 180
32518	Other basic inorganic chemical manufacturing	—	30	18	g	D	D	D	D	D	D	D	D
325181	Alkalies and chlorine manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	—	26	15	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	63	47	14 320	932 813	7 928	18 843	501 361	4 694 285	9 377 597	14 107 551	561 088
325192	Cyclic crude and intermediate manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	56	40	10 824	726 428	6 258	15 171	406 827	3 851 755	7 297 502	11 096 764	376 372
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	47	38	9 622	672 659	5 305	10 884	375 088	3 623 260	7 168 949	10 724 156	923 875
32521	Resin and synthetic rubber manufacturing	—	47	38	9 622	672 659	5 305	10 884	375 088	3 623 260	7 168 949	10 724 156	923 875
325211	Plastics material and resin manufacturing	—	37	33	8 952	636 475	4 820	9 839	351 352	3 470 732	6 944 502	10 353 618	848 880
325212	Synthetic rubber manufacturing	7	10	5	670	36 184	485	1 045	23 736	152 528	224 447	370 538	74 995
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1	24	8	765	45 903	454	1 042	24 485	225 093	210 850	444 380	35 215
32531	Fertilizer manufacturing	—	14	4	329	18 692	200	443	10 300	55 027	100 773	157 429	2 111
32532	Pesticide and other agricultural chemical manufacturing	1	10	4	436	27 211	254	599	14 185	170 066	110 077	286 951	33 104
325320	Pesticide and other agricultural chemical manufacturing	1	10	4	436	27 211	254	599	14 185	170 066	110 077	286 951	33 104
3254	Pharmaceutical and medicine manufacturing	1	23	9	661	29 684	464	972	17 383	140 194	43 820	188 149	10 293
32541	Pharmaceutical and medicine manufacturing	1	23	9	661	29 684	464	972	17 383	140 194	43 820	188 149	10 293
325414	Biological product (except diagnostic) manufacturing ..	—	7	3	301	11 015	223	469	7 494	22 585	9 772	32 010	6 471
3255	Paint, coating, and adhesive manufacturing	2	45	17	1 657	71 637	936	2 027	32 617	264 833	271 382	538 159	15 018
32551	Paint and coating manufacturing	3	35	11	1 273	57 754	682	1 473	25 642	207 853	227 249	436 567	12 676
325510	Paint and coating manufacturing	3	35	11	1 273	57 754	682	1 473	25 642	207 853	227 249	436 567	12 676
32552	Adhesive manufacturing	—	10	6	384	13 883	254	554	6 975	56 980	44 133	101 592	2 342
325520	Adhesive manufacturing	—	10	6	384	13 883	254	554	6 975	56 980	44 133	101 592	2 342
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	4	41	12	1 093	46 701	572	1 146	21 285	282 967	278 540	570 399	15 792
32561	Soap and cleaning compound manufacturing	4	31	10	808	39 346	457	912	19 460	252 241	245 347	504 932	14 973
325612	Polish and other sanitation good manufacturing	—	8	4	289	12 556	166	384	5 398	88 370	43 113	135 411	4 196
325613	Surface active agent manufacturing	4	4	3	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	1	10	2	285	7 355	115	234	1 825	30 726	33 193	65 467	819
325620	Toilet preparation manufacturing	1	10	2	285	7 355	115	234	1 825	30 726	33 193	65 467	819

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)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area—Con.												
325 3259	Chemical manufacturing—Con. Other chemical product and preparation manufacturing	2	78	36	2 441	125 215	1 552	3 165	69 401	477 456	667 663	1 146 350	35 270
32599	All other chemical product and preparation manufacturing . . .	2	72	35	2 362	121 073	1 502	3 060	67 567	462 641	660 905	1 125 022	D
325991	Custom compounding of purchased resins	2	27	11	778	36 900	568	1 192	23 216	83 615	193 684	279 540	6 648
325998	All other miscellaneous chemical product and preparation manufacturing .	1	41	22	1 477	77 511	877	1 747	41 072	352 903	434 927	787 686	27 058
326	Plastics and rubber products manufacturing	2	237	102	9 628	316 878	7 063	14 217	188 540	892 273	858 427	1 757 132	57 485
3261	Plastics product manufacturing . .	1	202	89	8 868	292 320	6 494	13 023	173 490	847 977	808 477	1 663 523	53 347
32611	Plastics packaging materials and un laminated film and sheet manufacturing	2	38	13	1 662	63 208	1 200	2 490	34 999	165 141	226 475	393 500	22 979
326111	Plastics bag manufacturing . .	2	17	5	438	13 467	374	756	9 964	39 369	42 406	82 035	1 873
326112	Plastics packaging film and sheet (including laminated) manufacturing	7	6	2	353	10 345	291	493	6 840	22 732	28 815	49 655	1 397
326113	Un laminated plastics film and sheet (except packaging) manufacturing	1	15	6	871	39 396	535	1 241	18 195	103 040	155 254	261 810	19 709
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	2	24	11	793	28 442	582	1 078	17 350	106 289	90 535	197 004	5 285
326121	Un laminated plastics profile shape manufacturing	2	12	7	408	14 357	277	480	8 165	41 080	37 655	78 900	3 591
326122	Plastics pipe and pipe fitting manufacturing	2	12	4	385	14 085	305	598	9 185	65 209	52 880	118 104	1 694
32614	Polystyrene foam product manufacturing	3	6	2	272	11 358	170	383	4 634	26 053	16 384	42 561	806
326140	Polystyrene foam product manufacturing	3	6	2	272	11 358	170	383	4 634	26 053	16 384	42 561	806
32616	Plastics bottle manufacturing . .	—	7	7	699	24 637	533	1 012	18 044	98 179	105 954	201 706	3 998
326160	Plastics bottle manufacturing	—	7	7	699	24 637	533	1 012	18 044	98 179	105 954	201 706	3 998
32619	Other plastics product manufacturing	1	112	48	5 130	155 076	3 749	7 534	91 379	423 687	338 192	769 174	18 703
326191	Plastics plumbing fixture manufacturing	1	11	7	f	D	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	100	40	4 115	123 389	3 279	6 478	80 118	374 722	262 158	633 293	14 794
3262	Rubber product manufacturing . . .	3	35	13	760	24 558	569	1 194	15 050	44 296	49 950	93 609	4 138
32629	Other rubber product manufacturing	3	23	9	473	13 963	373	775	8 813	28 128	26 262	53 638	2 879
327	Nonmetallic mineral product manufacturing	2	232	69	5 733	193 348	4 519	9 576	133 332	709 079	622 640	1 328 323	48 684
3271	Clay product and refractory manufacturing	1	12	3	499	15 527	396	788	10 268	70 602	21 180	88 651	4 160
32712	Clay building material and refractories manufacturing	—	5	2	350	10 196	286	565	7 819	62 465	15 679	75 000	D
327122	Ceramic wall and floor tile manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	30	7	675	24 038	550	1 132	17 530	80 365	39 671	120 931	D
32721	Glass and glass product manufacturing	—	30	7	675	24 038	550	1 132	17 530	80 365	39 671	120 931	D
327215	Glass product manufacturing made of purchased glass . .	2	22	5	e	D	D	D	D	D	D	D	358
3273	Cement and concrete product manufacturing	2	126	48	3 546	117 728	2 828	6 050	82 299	435 247	476 610	910 936	27 930
32732	Ready-mix concrete manufacturing	2	80	18	1 861	68 964	1 530	3 242	51 059	249 442	378 749	628 665	21 209
327320	Ready-mix concrete manufacturing	2	80	18	1 861	68 964	1 530	3 242	51 059	249 442	378 749	628 665	21 209
32733	Concrete pipe, brick, and block manufacturing	—	17	12	f	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	12	9	467	13 333	371	846	9 220	82 380	20 383	102 812	575
32739	Other concrete product manufacturing	1	28	17	1 012	27 995	815	1 710	18 703	77 990	43 898	120 501	3 060
327390	Other concrete product manufacturing	1	28	17	1 012	27 995	815	1 710	18 703	77 990	43 898	120 501	3 060

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)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area—Con.												
327	Nonmetallic mineral product manufacturing—Con.												
3279	Other nonmetallic mineral product manufacturing	3	57	10	917	32 180	658	1 424	19 782	99 543	63 841	162 817	4 657
32799	All other nonmetallic mineral product manufacturing	3	50	9	804	28 331	587	1 272	17 740	89 879	56 495	145 739	3 966
327991	Cut stone and stone product manufacturing	4	22	4	356	10 741	282	618	7 683	26 607	13 550	40 088	841
331	Primary metal manufacturing	1	66	26	2 549	95 155	1 995	4 302	66 473	234 437	362 300	598 322	17 183
3312	Steel product manufacturing from purchased steel	1	20	14	1 742	63 174	1 418	3 076	45 692	122 535	230 654	358 033	12 946
33121	Iron and steel pipe and tube manufacturing from purchased steel	1	9	8	g	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	1	9	8	g	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	11	6	f	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	9	6	f	D	D	D	D	D	D	D	D
3315	Foundries	2	22	4	314	12 078	251	529	8 998	25 309	14 956	40 280	719
332	Fabricated metal product manufacturing	2	'1 521	'494	'39 353	'1 488 805	'29 152	'59 367	'945 844	'3 252 315	'2 632 610	'5 891 874	'217 661
3321	Forging and stamping	2	48	24	3 082	122 883	2 245	4 857	73 197	206 650	237 259	439 423	30 071
33211	Forging and stamping	2	48	24	3 082	122 883	2 245	4 857	73 197	206 650	237 259	439 423	30 071
332111	Iron and steel forging	3	11	6	763	27 895	587	1 240	19 327	64 506	83 311	147 102	6 049
332112	Nonferrous forging	—	1	1	f	D	D	D	D	D	D	D	D
332114	Custom roll forming	2	17	12	1 126	42 043	837	1 723	23 773	73 253	107 596	181 187	3 463
332116	Metal stamping	6	16	4	355	12 540	269	578	8 265	24 283	20 953	43 582	2 122
3323	Architectural and structural metals manufacturing	2	322	132	10 404	352 536	7 283	14 658	202 929	746 953	791 781	1 540 537	26 140
33231	Plate work and fabricated structural product manufacturing	3	153	63	5 720	208 135	3 793	7 922	114 660	433 628	437 817	874 747	14 169
332311	Prefabricated metal building and component manufacturing	1	25	11	2 626	91 187	1 642	3 479	48 227	167 654	196 455	368 344	4 224
332312	Fabricated structural metal manufacturing	4	89	37	2 466	92 611	1 695	3 516	51 432	211 896	218 964	429 601	8 519
332313	Plate work manufacturing	4	39	15	628	24 337	456	927	15 001	54 078	22 398	76 802	1 426
33232	Ornamental and architectural metal products manufacturing	1	169	69	4 684	144 401	3 490	6 736	88 269	313 325	353 964	665 790	11 971
332321	Metal window and door manufacturing	—	20	13	1 226	31 359	907	1 723	16 927	75 222	89 153	163 011	2 751
332322	Sheet metal work manufacturing	2	100	36	2 214	71 247	1 652	3 187	45 820	142 825	180 044	322 085	4 766
332323	Ornamental and architectural metal work manufacturing ..	1	49	20	1 244	41 795	931	1 826	25 522	95 278	84 767	180 694	4 454
3324	Boiler, tank, and shipping container manufacturing	1	66	39	3 457	144 491	2 677	5 764	102 287	381 906	412 677	790 778	20 002
33241	Power boiler and heat exchanger manufacturing	3	21	14	1 434	61 004	1 089	2 433	42 505	149 857	101 959	253 272	4 891
332410	Power boiler and heat exchanger manufacturing ..	3	21	14	1 434	61 004	1 089	2 433	42 505	149 857	101 959	253 272	4 891
33242	Metal tank (heavy gauge) manufacturing	—	32	17	981	39 157	741	1 542	26 384	74 905	50 922	125 102	1 286
332420	Metal tank (heavy gauge) manufacturing	—	32	17	981	39 157	741	1 542	26 384	74 905	50 922	125 102	1 286
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	13	8	1 042	44 330	847	1 789	33 398	157 144	259 796	412 404	13 825
332431	Metal can manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	—	9	5	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	2	47	16	1 123	39 245	853	1 860	24 084	76 632	61 603	139 589	2 540
33261	Spring and wire product manufacturing	2	47	16	1 123	39 245	853	1 860	24 084	76 632	61 603	139 589	2 540
332612	Spring (light gauge) manufacturing	—	8	4	283	11 185	187	402	5 867	18 318	8 035	26 309	D
332618	Other fabricated wire product manufacturing	3	36	10	762	25 387	610	1 324	16 804	52 327	51 299	105 074	1 933

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

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	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	'634	'115	'7 921	'329 747	'5 981	'12 134	'222 370	'690 554	'291 057	'972 975	'76 878
33271	Machine shops	3	'560	'89	'6 115	'256 782	'4 687	'9 281	'175 232	'540 953	'209 183	'742 250	'49 042
332710	Machine shops	3	'560	'89	'6 115	'256 782	'4 687	'9 281	'175 232	'540 953	'209 183	'742 250	'49 042
33272	Turned product and screw, nut, and bolt manufacturing	1	74	26	1 806	72 965	1 294	2 853	47 138	149 601	81 874	230 725	27 836
332721	Precision turned product manufacturing	1	49	17	1 075	49 180	790	1 753	33 326	108 364	37 944	144 835	20 966
332722	Bolt, nut, screw, rivet, and washer manufacturing	1	25	9	731	23 785	504	1 100	13 812	41 237	43 930	85 890	6 870
3328	Coating, engraving, heat treating, and allied activities	2	143	51	3 599	137 284	2 853	5 893	94 734	285 664	169 529	453 442	9 819
33281	Coating, engraving, heat treating, and allied activities ..	2	143	51	3 599	137 284	2 853	5 893	94 734	285 664	169 529	453 442	9 819
332811	Metal heat treating	1	23	12	1 045	43 202	823	1 575	29 319	87 662	50 909	138 722	4 011
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	2	68	26	1 729	63 921	1 375	2 861	44 420	145 169	104 591	247 625	4 421
332813	Electroplating, plating, polishing, anodizing, and coloring	2	52	13	825	30 161	655	1 457	20 995	52 833	14 029	67 095	1 387
3329	Other fabricated metal product manufacturing	2	242	115	9 554	353 426	7 101	13 846	220 946	843 872	650 687	1 516 738	51 478
33291	Metal valve manufacturing	2	96	50	4 205	173 835	2 929	6 257	103 963	430 853	318 695	764 863	22 202
332911	Industrial valve manufacturing	1	44	25	2 708	118 026	1 758	3 958	67 996	297 444	215 038	526 886	13 859
332912	Fluid power valve and hose fitting manufacturing	4	15	6	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	3	36	18	1 169	42 309	962	1 854	28 573	100 344	80 722	181 036	7 170
33299	All other fabricated metal product manufacturing	3	146	65	5 349	179 591	4 172	7 589	116 983	413 019	331 992	751 875	29 276
332996	Fabricated pipe and pipe fitting manufacturing	3	57	38	3 747	116 093	2 988	5 143	77 847	284 177	231 472	517 276	19 745
332999	All other miscellaneous fabricated metal product manufacturing	3	75	24	1 429	55 603	1 059	2 159	33 514	112 705	96 305	213 599	8 802
333	Machinery manufacturing	1	'500	196	'25 470	'1 191 578	'15 299	'30 214	'580 426	'2 696 844	'2 768 713	'5 525 634	'155 811
3331	Agriculture, construction, and mining machinery manufacturing	1	'169	82	'13 387	'690 979	'7 347	'14 573	'304 054	'1 429 084	'1 339 588	'2 740 494	'98 288
33313	Mining and oil and gas field machinery manufacturing	1	'156	81	'13 300	'687 841	'7 292	'14 468	'302 391	'1 423 439	'1 332 919	'2 728 472	'97 731
333132	Oil and gas field machinery and equipment manufacturing	1	'152	80	j	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	38	12	1 133	53 743	642	1 272	23 481	119 289	111 023	229 919	3 492
33329	Other industrial machinery manufacturing	1	33	11	1 063	51 323	597	1 187	22 386	114 844	108 555	223 064	D
333298	All other industrial machinery manufacturing	1	26	10	945	46 061	530	1 077	20 235	106 567	99 373	205 617	3 083
3333	Commercial and service industry machinery manufacturing	1	28	8	860	33 313	552	1 038	15 852	84 704	79 579	168 561	2 669
33331	Commercial and service industry machinery manufacturing	1	28	8	860	33 313	552	1 038	15 852	84 704	79 579	168 561	2 669
333319	Other commercial and service industry machinery manufacturing	1	23	8	848	32 865	544	1 022	15 611	83 871	78 816	166 967	2 630
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	47	22	3 409	116 790	2 624	4 903	73 376	399 990	441 419	938 713	16 870
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	47	22	3 409	116 790	2 624	4 903	73 376	399 990	441 419	938 713	16 870
333411	Air purification equipment manufacturing	—	11	7	e	D	D	D	D	D	D	D	1 621
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	30	13	3 010	103 075	2 402	4 455	67 256	360 768	413 551	870 928	14 425

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	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3335	Metalworking machinery manufacturing	4	60	16	1 144	41 058	848	1 686	27 362	113 053	54 113	169 941	3 681
33351	Metalworking machinery manufacturing	4	60	16	1 144	41 058	848	1 686	27 362	113 053	54 113	169 941	3 681
333515	Cutting tool and machine tool accessory manufacturing...	6	26	8	688	26 642	489	1 007	17 119	81 179	40 412	124 103	2 243
3336	Engine, turbine, and power transmission equipment manufacturing	3	19	8	829	37 857	617	1 368	26 476	84 581	47 033	127 355	5 701
33361	Engine, turbine, and power transmission equipment manufacturing	3	19	8	829	37 857	617	1 368	26 476	84 581	47 033	127 355	5 701
333611	Turbine and turbine generator set units manufacturing	3	5	4	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	2	139	48	4 708	217 838	2 669	5 374	109 825	466 143	695 958	1 150 651	25 110
33391	Pump and compressor manufacturing	3	33	15	1 475	76 573	796	1 556	39 451	166 765	177 415	343 784	7 629
333911	Pump and pumping equipment manufacturing ..	3	23	9	1 012	54 742	546	1 031	31 188	116 694	117 745	230 958	1 964
333912	Air and gas compressor manufacturing	4	10	6	463	21 831	250	525	8 263	50 071	59 670	112 826	5 665
33392	Material handling equipment manufacturing	—	33	13	1 673	78 077	880	1 863	38 496	169 511	415 159	570 593	13 800
333923	Overhead traveling crane, hoist, and monorail system manufacturing	6	14	5	385	13 538	246	460	5 368	21 389	43 588	65 008	759
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	8	3	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	3	73	20	1 560	63 188	993	1 955	31 878	129 867	103 384	236 274	3 681
333995	Fluid power cylinder and actuator manufacturing	1	6	4	318	12 533	197	444	5 816	30 041	23 574	53 873	733
333999	All other miscellaneous general purpose machinery manufacturing	4	43	10	664	25 247	409	717	11 235	50 812	40 667	91 757	1 907
334	Computer and electronic product manufacturing	1	261	92	12 450	610 946	5 971	12 333	211 503	1 651 871	1 203 801	2 864 782	536 711
3341	Computer and peripheral equipment manufacturing	—	23	9	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	23	9	g	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	12	5	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	7	17	5	507	24 264	161	331	5 108	75 033	19 782	92 324	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	9	9	3	372	17 329	120	239	4 245	63 070	9 061	72 151	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	9	9	3	372	17 329	120	239	4 245	63 070	9 061	72 151	D
3344	Semiconductor and other electronic component manufacturing	—	54	21	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	54	21	h	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	1	14	8	1 680	58 746	815	1 537	22 184	178 230	220 524	401 164	D
334419	Other electronic component manufacturing	3	12	4	534	19 265	396	798	9 848	31 780	26 078	60 973	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	148	55	i	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)				
	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Houston-Baytown-Sugar Land, TX 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 . . .	1	148	55	i	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing . . .	—	8	6	1 011	62 499	451	960	14 575	155 349	28 863	191 155	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables . . .	2	45	18	g	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing . . .	—	7	3	473	22 548	332	680	13 813	64 433	42 624	113 692	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals . . .	8	14	4	618	27 902	299	537	9 325	58 390	45 269	98 913	D
334516	Analytical laboratory instrument manufacturing . .	3	21	6	500	23 534	316	653	10 989	50 439	19 353	65 317	D
334519	Other measuring and controlling device manufacturing . . .	—	32	12	1 575	82 437	1 215	2 876	60 880	155 469	232 671	429 513	D
335	Electrical equipment, appliance, and component manufacturing . . .	2	117	37	5 078	196 191	3 428	6 985	101 510	489 077	485 063	990 024	18 301
3351	Electric lighting equipment manufacturing . . .	—	18	7	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing . .	—	17	7	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing . . .	2	71	17	3 683	142 876	2 419	5 092	71 269	352 491	347 466	715 449	14 340
33531	Electrical equipment manufacturing . . .	2	71	17	3 683	142 876	2 419	5 092	71 269	352 491	347 466	715 449	14 340
335312	Motor and generator manufacturing . . .	—	13	4	1 181	52 769	529	1 056	18 269	84 794	136 165	236 851	D
335313	Switchgear and switchboard apparatus manufacturing . .	2	15	4	1 792	61 233	1 482	3 193	42 507	169 207	145 197	315 378	8 712
335314	Relay and industrial control manufacturing . . .	6	32	8	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing . . .	4	27	13	849	34 871	657	1 349	22 127	88 276	101 317	190 402	2 893
33593	Wiring device manufacturing . .	2	7	5	468	18 846	382	777	13 693	57 170	70 860	129 104	1 928
335932	Noncurrent-carrying wiring device manufacturing . . .	—	5	3	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing . . .	7	14	6	298	13 302	207	423	6 568	23 967	20 909	44 720	D
335999	All other miscellaneous electrical equipment and component manufacturing . .	7	12	5	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing . . .	1	121	41	4 476	168 528	3 432	6 558	109 357	346 756	580 722	939 116	24 477
3361	Motor vehicle manufacturing . . .	—	1	1	f	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing . . .	—	1	1	f	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing . . .	—	1	1	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing . . .	3	24	14	f	D	D	D	D	D	D	D	1 233
33621	Motor vehicle body and trailer manufacturing . . .	3	24	14	f	D	D	D	D	D	D	D	1 233
336211	Motor vehicle body manufacturing . . .	2	11	7	f	D	D	D	D	D	D	D	677
3363	Motor vehicle parts manufacturing . . .	6	36	8	e	D	D	D	D	D	D	D	2 444
3366	Ship and boat building . . .	2	40	12	1 697	73 523	1 407	2 903	55 603	141 416	71 509	212 925	8 262
33661	Ship and boat building . . .	2	40	12	1 697	73 523	1 407	2 903	55 603	141 416	71 509	212 925	8 262
336611	Ship building and repairing . .	2	31	12	1 653	72 369	1 372	2 839	54 768	138 870	68 696	207 566	8 161

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	HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area—Con.												
337	Furniture and related product manufacturing	1	173	44	4 091	107 288	3 199	5 740	69 091	261 063	224 649	484 359	52 369
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	111	21	1 324	35 119	1 066	2 032	23 211	92 283	74 503	165 625	D
33711	Wood kitchen cabinet and countertop manufacturing	2	45	7	484	14 925	373	780	9 306	36 676	29 792	66 142	1 213
337110	Wood kitchen cabinet and countertop manufacturing ..	2	45	7	484	14 925	373	780	9 306	36 676	29 792	66 142	1 213
33712	Household and institutional furniture manufacturing	1	66	14	840	20 194	693	1 252	13 905	55 607	44 711	99 483	D
337121	Upholstered household furniture manufacturing	1	22	7	387	9 065	328	575	6 323	21 360	23 191	44 453	613
3372	Office furniture (including fixtures) manufacturing	2	44	13	1 001	33 437	800	1 480	22 817	80 189	46 054	126 624	D
33721	Office furniture (including fixtures) manufacturing	2	44	13	1 001	33 437	800	1 480	22 817	80 189	46 054	126 624	D
337212	Custom architectural woodwork and millwork manufacturing	1	25	7	675	23 362	531	1 031	15 859	60 588	33 066	93 984	1 874
337215	Showcase, partition, shelving, and locker manufacturing	7	13	5	264	8 023	216	346	5 377	15 146	10 177	25 376	D
3379	Other furniture related product manufacturing	-	18	10	1 766	38 732	1 333	2 228	23 063	88 591	104 092	192 110	D
33791	Mattress manufacturing	-	9	4	268	8 477	189	434	4 837	28 693	27 664	56 203	D
337910	Mattress manufacturing	-	9	4	268	8 477	189	434	4 837	28 693	27 664	56 203	D
33792	Blind and shade manufacturing	-	9	6	1 498	30 255	1 144	1 794	18 226	59 898	76 428	135 907	D
337920	Blind and shade manufacturing	-	9	6	1 498	30 255	1 144	1 794	18 226	59 898	76 428	135 907	D
339	Miscellaneous manufacturing	4	'468	92	'9 048	'297 989	'6 437	'11 937	'165 230	'684 094	'531 512	'1 208 032	'34 093
3391	Medical equipment and supplies manufacturing	2	140	21	2 379	82 342	1 747	3 324	51 192	196 138	136 974	330 242	15 583
33911	Medical equipment and supplies manufacturing	2	140	21	2 379	82 342	1 747	3 324	51 192	196 138	136 974	330 242	15 583
339112	Surgical and medical instrument manufacturing ..	3	14	5	611	24 889	360	663	9 995	65 508	18 509	80 697	2 535
339113	Surgical appliance and supplies manufacturing	1	28	7	989	34 752	837	1 626	25 877	83 955	102 450	186 876	11 670
339116	Dental laboratories	4	77	7	608	16 861	433	857	12 075	30 822	8 019	38 837	1 021
3399	Other miscellaneous manufacturing	5	'328	71	'6 669	'215 647	'4 690	'8 613	'114 038	'487 956	'394 538	'877 790	'18 510
33991	Jewelry and silverware manufacturing	2	23	4	289	8 780	211	342	3 737	18 353	27 338	45 439	714
33992	Sporting and athletic goods manufacturing	1	26	4	362	9 536	285	512	6 091	30 067	17 149	47 094	217
339920	Sporting and athletic goods manufacturing	1	26	4	362	9 536	285	512	6 091	30 067	17 149	47 094	217
33995	Sign manufacturing	4	'129	21	'1 677	'53 000	'1 091	'1 947	'26 570	'89 823	'64 395	'153 682	'2 374
339950	Sign manufacturing	4	'129	21	'1 677	'53 000	'1 091	'1 947	'26 570	'89 823	'64 395	'153 682	'2 374
33999	All other miscellaneous manufacturing	5	136	41	4 257	141 857	3 044	5 691	76 353	344 413	282 332	622 951	15 041
339991	Gasket, packing, and sealing device manufacturing	5	36	20	2 077	70 912	1 521	2 976	40 362	179 622	180 424	356 639	7 110
339999	All other miscellaneous manufacturing	6	91	19	2 104	68 737	1 459	2 598	34 461	157 869	97 628	255 129	7 790
	Huntsville, TX Micropolitan Statistical Area												
31-33	Manufacturing	-	35	7	778	25 304	567	1 156	18 534	71 779	93 386	160 887	2 840
321	Wood product manufacturing	-	7	3	267	7 065	242	538	6 182	30 265	55 485	86 458	1 671
333	Machinery manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	4	2	250	10 837	120	225	7 776	19 424	15 121	29 389	511
33313	Mining and oil and gas field machinery manufacturing	-	4	2	250	10 837	120	225	7 776	19 424	15 121	29 389	511
333132	Oil and gas field machinery and equipment manufacturing	-	4	2	250	10 837	120	225	7 776	19 424	15 121	29 389	511

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	LONGVIEW-MARSHALL, TX COMBINED STATISTICAL AREA												
31-33	Manufacturing	-	348	122	14 532	522 850	10 952	22 915	335 502	1 718 620	1 798 135	3 513 955	126 507
321	Wood product manufacturing	4	23	8	810	21 180	737	1 439	17 655	39 807	68 167	108 910	D
3211	Sawmills and wood preservation	6	7	4	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	6	7	4	e	D	D	D	D	D	D	D	D
321113	Sawmills	6	6	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	14	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	20	4	341	7 926	194	363	5 352	16 485	10 257	26 803	557
3231	Printing and related support activities	-	20	4	341	7 926	194	363	5 352	16 485	10 257	26 803	557
32311	Printing	-	20	4	341	7 926	194	363	5 352	16 485	10 257	26 803	557
325	Chemical manufacturing	-	20	7	2 198	135 195	1 384	3 220	77 454	668 748	737 768	1 406 425	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	13	7	886	25 159	705	1 457	16 451	74 408	43 898	118 108	4 418
3261	Plastics product manufacturing	2	12	7	f	D	D	D	D	D	D	D	4 418
32619	Other plastics product manufacturing	5	8	4	468	13 276	364	719	8 022	25 547	19 071	44 579	1 445
326199	All other plastics product manufacturing	7	7	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	28	11	1 000	24 217	837	1 781	18 405	71 747	50 868	124 142	4 670
3271	Clay product and refractory manufacturing	-	13	8	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	-	10	6	f	D	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	1	1	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	-	1	1	e	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	-	1	1	e	D	D	D	D	D	D	D	D
3315	Foundries	-	5	3	e	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	87	30	g	D	D	D	D	D	D	D	D
3321	Forging and stamping	-	2	1	e	D	D	D	D	D	D	D	D
33211	Forging and stamping	-	2	1	e	D	D	D	D	D	D	D	D
332111	Iron and steel forging	-	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	17	7	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	-	10	7	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	-	8	6	378	16 007	290	672	9 877	36 744	76 402	115 524	2 136
332420	Metal tank (heavy gauge) manufacturing	-	8	6	378	16 007	290	672	9 877	36 744	76 402	115 524	2 136
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	30	7	e	D	D	D	D	D	D	D	D
33271	Machine shops	2	27	6	e	D	D	D	D	D	D	D	D
332710	Machine shops	2	27	6	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	20	7	447	13 300	329	673	7 826	29 704	26 494	56 527	D
33299	All other fabricated metal product manufacturing	1	16	5	310	7 887	256	505	5 413	17 874	11 005	29 097	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)					
LONGVIEW-MARSHALL, TX COMBINED STATISTICAL AREA—Con.														
333	Machinery manufacturing	1	37	18	g	D	D	D	D	D	D	D	8 144	
3331	Agriculture, construction, and mining machinery manufacturing	—	11	4	f	D	D	D	D	D	D	D	D	
33312	Construction machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D	
333120	Construction machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D	
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	8	5	f	D	D	D	D	D	D	D	D	
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	8	5	f	D	D	D	D	D	D	D	D	
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	7	4		641	16 968	480	912	8 501	44 894	30 423	73 801	3 331
3339	Other general purpose machinery manufacturing	2	12	8	f	D	D	D	D	D	D	D	1 455	
334	Computer and electronic product manufacturing	—	9	5	f	D	D	D	D	D	D	D	D	
3342	Communications equipment manufacturing	—	4	4	f	D	D	D	D	D	D	D	D	
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D	
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	—	17	11	g	D	D	D	D	D	D	D	D	
3362	Motor vehicle body and trailer manufacturing	—	6	3		665	20 226	568	1 160	13 115	33 763	51 960	80 070	146
33621	Motor vehicle body and trailer manufacturing	—	6	3		665	20 226	568	1 160	13 115	33 763	51 960	80 070	146
336214	Travel trailer and camper manufacturing	—	3	1	f	D	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	—	6	4	f	D	D	D	D	D	D	D	D	
33639	Other motor vehicle parts manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	
336399	All other motor vehicle parts manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	
3365	Railroad rolling stock manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	
33651	Railroad rolling stock manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	
336510	Railroad rolling stock manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing	—	18	7	f	D	D	D	D	D	D	D	D	
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	16	6	f	D	D	D	D	D	D	D	D	
33711	Wood kitchen cabinet and countertop manufacturing	—	11	5	f	D	D	D	D	D	D	D	D	
337110	Wood kitchen cabinet and countertop manufacturing	—	11	5	f	D	D	D	D	D	D	D	D	
Longview, TX Metropolitan Statistical Area														
31-33	Manufacturing	—	273	94		11 754	451 768	8 847	18 559	285 365	1 437 808	1 624 807	3 052 442	86 757
321	Wood product manufacturing	5	16	6		535	14 962	482	1 057	12 472	33 785	50 971	84 745	1 686
325	Chemical manufacturing	—	16	5		1 939	123 318	1 208	2 860	69 561	627 602	703 618	1 328 256	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	2	2	g	D	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	—	2	2	g	D	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	2	2	g	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	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)				
	LONGVIEW-MARSHALL, TX COMBINED STATISTICAL AREA—Con.												
	Longview, TX Metropolitan Statistical Area—Con.												
326	Plastics and rubber products manufacturing	2	13	7	886	25 159	705	1 457	16 451	74 408	43 898	118 108	4 418
3261	Plastics product manufacturing ..	2	12	7	f	D	D	D	D	D	D	D	4 418
32619	Other plastics product manufacturing	5	8	4	468	13 276	364	719	8 022	25 547	19 071	44 579	1 445
326199	All other plastics product manufacturing	7	7	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	15	5	415	11 726	333	663	8 583	32 584	16 568	51 125	2 876
3271	Clay product and refractory manufacturing	—	5	3	336	9 117	268	527	6 854	18 035	6 729	26 753	D
331	Primary metal manufacturing	1	5	3	415	11 543	350	716	8 839	20 144	15 225	36 406	1 053
3315	Foundries	—	4	3	e	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	72	26	1 863	69 985	1 444	3 055	46 264	176 801	193 061	370 878	8 491
3321	Forging and stamping.....	—	2	1	e	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	—	2	1	e	D	D	D	D	D	D	D	D
332111	Iron and steel forging	—	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	16	6	304	8 135	226	505	5 002	15 057	15 769	30 946	1 353
3324	Boiler, tank, and shipping container manufacturing	—	10	7	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	—	8	6	378	16 007	290	672	9 877	36 744	76 402	115 524	2 136
332420	Metal tank (heavy gauge) manufacturing	—	8	6	378	16 007	290	672	9 877	36 744	76 402	115 524	2 136
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	25	6	e	D	D	D	D	D	D	D	D
33271	Machine shops	2	23	5	363	14 410	283	567	8 648	38 359	11 756	47 840	906
332710	Machine shops	2	23	5	363	14 410	283	567	8 648	38 359	11 756	47 840	906
3329	Other fabricated metal product manufacturing	1	15	6	373	11 784	264	549	6 735	23 897	25 896	50 121	2 287
333	Machinery manufacturing	1	33	16	2 196	74 831	1 577	3 215	45 417	122 255	192 052	298 858	8 074
3331	Agriculture, construction, and mining machinery manufacturing	—	10	4	982	38 272	679	1 560	24 357	45 874	112 379	142 417	2 762
33312	Construction machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	4	641	16 968	480	912	8 501	44 894	30 423	73 801	3 331
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	4	641	16 968	480	912	8 501	44 894	30 423	73 801	3 331
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	7	4	641	16 968	480	912	8 501	44 894	30 423	73 801	3 331
3339	Other general purpose machinery manufacturing	3	11	7	512	17 943	362	650	11 159	28 644	47 820	78 430	1 455
334	Computer and electronic product manufacturing	—	7	4	780	35 577	552	1 055	24 025	120 227	132 961	265 032	D
3342	Communications equipment manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D

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)				
LONGVIEW-MARSHALL, TX COMBINED STATISTICAL AREA—Con.													
Longview, TX Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	—	15	9	1 581	54 512	1 242	2 559	32 094	143 196	187 286	324 917	6 993
3362	Motor vehicle body and trailer manufacturing	—	6	3	665	20 226	568	1 160	13 115	33 763	51 960	80 070	146
33621	Motor vehicle body and trailer manufacturing	—	6	3	665	20 226	568	1 160	13 115	33 763	51 960	80 070	146
336214	Travel trailer and camper manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	14	4	259	5 613	216	416	3 875	11 884	9 069	20 929	364
Marshall, TX Micropolitan Statistical Area													
31-33	Manufacturing	—	75	28	2 778	71 082	2 105	4 356	50 137	280 812	173 328	461 513	39 750
321	Wood product manufacturing	—	7	2	275	6 218	255	382	5 183	6 022	17 196	24 165	D
325	Chemical manufacturing	—	4	2	259	11 877	176	360	7 893	41 146	34 150	78 169	D
327	Nonmetallic mineral product manufacturing	—	13	6	585	12 491	504	1 118	9 822	39 163	34 300	73 017	1 794
3271	Clay product and refractory manufacturing	—	8	5	f	D	D	D	D	D	D	D	1 297
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	7	4	479	9 449	415	954	7 667	28 151	27 274	54 990	1 297
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	—	7	4	479	9 449	415	954	7 667	28 151	27 274	54 990	1 297
331	Primary metal manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	1	1	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	1	1	e	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing.....	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
LUBBOCK-LEVELLAND, TX COMBINED STATISTICAL AREA													
31-33	Manufacturing	2	279	69	6 269	191 060	4 533	8 686	116 794	557 853	562 234	1 132 986	32 116

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)				
	LUBBOCK-LEVELLAND, TX COMBINED STATISTICAL AREA—Con.												
311	Food manufacturing	3	28	9	1 195	35 758	776	1 636	20 852	202 631	241 480	442 919	11 329
3112	Grain and oilseed milling	8	2	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	8	2	2	e	D	D	D	D	D	D	D	D
311223	Other oilseed processing	8	2	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	10	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	5	11	3	411	7 819	364	646	5 604	27 442	12 762	40 134	2 654
3219	Other wood product manufacturing	5	11	3	411	7 819	364	646	5 604	27 442	12 762	40 134	2 654
32191	Millwork	4	7	2	363	6 493	324	567	4 630	24 889	10 633	35 471	D
321918	Other millwork (including flooring)	4	4	2	355	6 250	317	553	4 473	24 388	9 972	34 309	D
323	Printing and related support activities	3	41	4	340	11 977	239	444	7 014	25 391	10 231	35 594	D
3231	Printing and related support activities	3	41	4	340	11 977	239	444	7 014	25 391	10 231	35 594	D
32311	Printing	2	39	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	11	5	434	13 066	335	707	9 854	28 078	42 001	72 149	2 781
3261	Plastics product manufacturing ..	4	8	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	5	3	326	10 024	250	531	7 593	22 921	16 517	39 542	1 834
326199	All other plastics product manufacturing	—	5	3	326	10 024	250	531	7 593	22 921	16 517	39 542	1 834
332	Fabricated metal product manufacturing	—	55	9	872	27 691	667	1 342	16 983	79 792	71 033	152 178	D
3323	Architectural and structural metals manufacturing	—	17	3	341	11 967	229	488	6 012	42 240	47 875	90 408	1 257
33231	Plate work and fabricated structural product manufacturing	—	11	3	304	10 938	202	443	5 346	40 275	46 311	86 877	D
333	Machinery manufacturing	3	35	17	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	5	10	4	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	12	7	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	1	7	4	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	1	7	4	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	4	3	490	10 537	369	701	6 102	1 477	24 866	41 186	D
333999	All other miscellaneous general purpose machinery manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	32	7	e	D	D	D	D	D	D	D	D
	Lubbock, TX Metropolitan Statistical Area												
31-33	Manufacturing	2	265	67	6 074	186 487	4 372	8 359	113 462	549 200	556 311	1 118 667	31 739

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)				
LUBBOCK-LEVELLAND, TX COMBINED STATISTICAL AREA—Con.													
Lubbock, TX Metropolitan Statistical Area—Con.													
311	Food manufacturing	3	28	9	1 195	35 758	776	1 636	20 852	202 631	241 480	442 919	11 329
3112	Grain and oilseed milling	8	2	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	8	2	2	e	D	D	D	D	D	D	D	D
311223	Other oilseed processing	8	2	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	10	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	5	11	3	411	7 819	364	646	5 604	27 442	12 762	40 134	2 654
3219	Other wood product manufacturing	5	11	3	411	7 819	364	646	5 604	27 442	12 762	40 134	2 654
32191	Millwork	4	7	2	363	6 493	324	567	4 630	24 889	10 633	35 471	D
321918	Other millwork (including flooring)	4	4	2	355	6 250	317	553	4 473	24 388	9 972	34 309	D
323	Printing and related support activities	2	38	4	336	11 877	236	440	6 960	25 246	10 130	35 348	1 893
3231	Printing and related support activities	2	38	4	336	11 877	236	440	6 960	25 246	10 130	35 348	1 893
32311	Printing	2	36	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	11	5	434	13 066	335	707	9 854	28 078	42 001	72 149	2 781
3261	Plastics product manufacturing ..	4	8	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	5	3	326	10 024	250	531	7 593	22 921	16 517	39 542	1 834
326199	All other plastics product manufacturing	—	5	3	326	10 024	250	531	7 593	22 921	16 517	39 542	1 834
332	Fabricated metal product manufacturing	—	49	8	797	25 237	601	1 192	15 007	75 140	68 236	144 762	1 976
3323	Architectural and structural metals manufacturing	—	17	3	341	11 967	229	488	6 012	42 240	47 875	90 408	1 257
33231	Plate work and fabricated structural product manufacturing	—	11	3	304	10 938	202	443	5 346	40 275	46 311	86 877	D
333	Machinery manufacturing	3	33	17	1 666	56 518	1 124	2 097	31 177	105 649	110 327	227 771	6 340
3331	Agriculture, construction, and mining machinery manufacturing	5	9	4	704	27 866	461	893	16 586	62 338	53 248	114 111	D
33312	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	11	7	741	20 887	510	940	10 603	22 952	46 251	83 666	2 012
33399	All other general purpose machinery manufacturing	—	4	3	490	10 537	369	701	6 102	1 477	24 866	41 186	D
333999	All other miscellaneous general purpose machinery manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	30	6	347	8 892	281	408	5 462	18 305	13 313	32 130	920

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)				
	TYLER-JACKSONVILLE, TX COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	300	111	14 014	502 552	10 787	21 555	336 463	1 368 861	2 019 141	3 337 978	102 425
311	Food manufacturing	-	18	9	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	1	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	8	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	8	3	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	31	12	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	19	10	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	2	12	7	f	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	2	12	7	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	6	4	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	5	4	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	7	4	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	7	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	10	3	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	30	19	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	3	23	15	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	21	13	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	4	17	11	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	14	6	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
3315	Foundries	-	4	3	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	2	2	g	D	D	D	D	D	D	D	D
331511	Iron foundries	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	47	16	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	20	6	e	D	D	D	D	D	D	D	D
33271	Machine shops	4	18	5	e	D	D	D	D	D	D	D	D
332710	Machine shops	4	18	5	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)				
TYLER-JACKSONVILLE, TX COMBINED STATISTICAL AREA—Con.													
333	Machinery manufacturing	3	28	11	3 954	161 465	2 805	5 642	95 246	544 667	614 629	1 141 964	38 669
3332	Industrial machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	9	7	h	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	9	7	h	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	9	7	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	12	7	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	5	32	10	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	7	13	4	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	7	13	4	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	7	6	3	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	4	19	6	f	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	5	5	4	e	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	5	5	4	e	D	D	D	D	D	D	D	D
Jacksonville, TX Micropolitan Statistical Area													
31-33	Manufacturing	1	82	37	2 911	78 187	2 346	4 702	51 505	198 626	207 070	405 247	16 379
321	Wood product manufacturing	—	18	8	607	11 551	559	1 176	9 523	21 113	39 543	59 552	1 520
3219	Other wood product manufacturing	—	10	6	f	D	D	D	D	D	D	D	1 137
32192	Wood container and pallet manufacturing	—	8	4	410	7 336	373	810	5 763	12 138	23 875	35 207	D
321920	Wood container and pallet manufacturing	—	8	4	410	7 336	373	810	5 763	12 138	23 875	35 207	D
325	Chemical manufacturing	—	5	3	412	13 024	279	570	7 181	31 832	66 933	100 314	D
3259	Other chemical product and preparation manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	11	7	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	1	10	7	346	7 515	262	494	4 342	21 053	16 018	36 491	2 790
32619	Other plastics product manufacturing	1	10	7	346	7 515	262	494	4 342	21 053	16 018	36 491	2 790
326199	All other plastics product manufacturing	1	10	7	346	7 515	262	494	4 342	21 053	16 018	36 491	2 790
333	Machinery manufacturing	—	9	4	406	11 869	343	669	8 985	41 516	20 526	61 700	1 836
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	346	9 595	302	594	7 474	37 124	17 744	54 526	1 599
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	346	9 595	302	594	7 474	37 124	17 744	54 526	1 599
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	3	3	346	9 595	302	594	7 474	37 124	17 744	54 526	1 599

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)				
	TYLER-JACKSONVILLE, TX COMBINED STATISTICAL AREA—Con.												
	Jacksonville, TX Micropolitan Statistical Area—Con.												
339	Miscellaneous manufacturing	7	6	3	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
	Tyler, TX Metropolitan Statistical Area												
31-33	Manufacturing	1	218	74	11 103	424 365	8 441	16 853	284 958	1 170 235	1 812 071	2 932 731	86 046
311	Food manufacturing	—	13	7	1 039	29 079	702	1 460	16 480	74 173	186 014	257 094	5 463
3116	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	1	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	1	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	5	3	255	8 487	213	388	6 014	16 044	35 754	51 625	3 136
324	Petroleum and coal products manufacturing	—	6	4	306	17 295	233	460	11 494	79 120	555 960	613 942	6 389
3241	Petroleum and coal products manufacturing	—	6	4	306	17 295	233	460	11 494	79 120	555 960	613 942	6 389
326	Plastics and rubber products manufacturing	1	19	12	1 934	89 461	1 633	3 191	72 093	173 054	164 861	337 644	4 399
3261	Plastics product manufacturing ..	4	13	8	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	6	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	12	5	357	10 927	254	494	6 885	21 294	33 468	54 340	1 122
331	Primary metal manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
3315	Foundries	—	3	2	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	g	D	D	D	D	D	D	D	D
331511	Iron foundries	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	38	13	823	25 263	640	1 233	17 220	56 023	41 778	96 325	3 676
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	15	5	329	10 835	274	556	8 164	26 431	12 231	36 117	1 092
333	Machinery manufacturing	3	19	7	3 548	149 596	2 462	4 973	86 261	503 151	594 103	1 080 264	36 833
3332	Industrial machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	6	4	h	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	6	4	h	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	6	4	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)				
TYLER-JACKSONVILLE, TX COMBINED STATISTICAL AREA—Con.													
Tyler, TX Metropolitan Statistical Area—Con.													
339	Miscellaneous manufacturing	4	26	7	667	14 150	537	1 033	9 371	52 801	72 835	127 564	1 611
3399	Other miscellaneous manufacturing	5	15	4	523	10 267	432	833	7 014	42 537	62 567	106 342	1 214
33992	Sporting and athletic goods manufacturing	5	4	4	471	8 766	394	763	6 159	39 980	60 315	101 535	1 136
339920	Sporting and athletic goods manufacturing	5	4	4	471	8 766	394	763	6 159	39 980	60 315	101 535	1 136
ABILENE, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	140	29	3 116	93 511	2 274	4 692	59 304	286 626	334 576	619 550	20 981
311	Food manufacturing	—	21	6	855	24 084	582	1 179	13 513	93 065	66 572	159 259	4 833
3118	Bakeries and tortilla manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	3	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	33	7	656	21 629	576	1 251	17 255	43 211	69 529	112 123	1 055
3324	Boiler, tank, and shipping container manufacturing	—	4	4	303	12 043	257	617	9 347	28 606	58 457	86 468	429
AMARILLO, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	201	42	7 759	235 286	6 347	13 815	173 980	617 945	2 211 167	2 839 935	65 333
311	Food manufacturing	—	27	9	4 201	107 228	3 562	8 021	86 034	274 324	1 496 981	1 771 835	12 493
3116	Animal slaughtering and processing	—	7	5	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	7	5	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	4	2	h	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	25	4	297	11 855	174	347	5 377	25 800	17 646	42 140	1 207
3231	Printing and related support activities	—	25	4	297	11 855	174	347	5 377	25 800	17 646	42 140	1 207
32311	Printing	—	25	4	297	11 855	174	347	5 377	25 800	17 646	42 140	1 207
327	Nonmetallic mineral product manufacturing	—	13	4	792	34 739	707	1 536	29 478	90 357	48 373	141 224	D
3272	Glass and glass product manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	1	1	e	D	D	D	D	D	D	D	D
33141	Nonferrous metal (except aluminum) smelting and refining	—	1	1	e	D	D	D	D	D	D	D	D
331411	Primary smelting and refining of copper	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	18	5	365	13 439	262	469	7 888	25 040	27 355	53 545	1 052

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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)				
AMARILLO, TX METROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	—	22	2	414	10 841	350	788	7 596	29 351	21 693	50 742	D
3399	Other miscellaneous manufacturing	—	11	2	380	9 709	326	740	6 904	27 091	20 828	47 624	D
33992	Sporting and athletic goods manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
ANDREWS, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
AUSTIN-ROUND ROCK, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	'1 192	'310	'49 514	'2 282 766	'30 016	'61 346	'1 115 154	'12 452 164	'11 979 431	'24 467 280	'539 354
311	Food manufacturing	4	82	20	1 380	42 093	856	1 691	21 331	127 924	146 775	274 044	5 194
3115	Dairy product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	5	11	5	256	7 470	180	350	3 988	26 323	36 767	63 081	1 202
31161	Animal slaughtering and processing	5	11	5	256	7 470	180	350	3 988	26 323	36 767	63 081	1 202
3118	Bakeries and tortilla manufacturing	8	30	10	500	11 567	320	586	6 976	27 902	21 503	49 422	1 049
31181	Bread and bakery product manufacturing	4	20	7	255	4 405	132	218	2 343	8 431	2 892	11 335	302
312	Beverage and tobacco product manufacturing	—	13	3	583	20 916	115	217	4 294	94 478	82 950	175 445	3 415
3121	Beverage manufacturing	—	13	3	583	20 916	115	217	4 294	94 478	82 950	175 445	3 415
31211	Soft drink and ice manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	47	14	1 098	27 385	798	1 480	16 960	47 771	61 605	107 467	2 074
3219	Other wood product manufacturing	2	40	11	979	23 157	713	1 281	14 774	36 410	54 933	92 034	1 808
32191	Millwork	5	23	4	275	6 887	224	425	4 564	9 868	19 128	29 341	441
32199	All other wood product manufacturing	—	10	4	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	162	28	2 013	71 486	1 390	2 638	39 711	148 734	75 831	222 911	13 911
3231	Printing and related support activities	3	162	28	2 013	71 486	1 390	2 638	39 711	148 734	75 831	222 911	13 911
32311	Printing	3	147	26	1 841	65 002	1 249	2 402	35 077	137 336	73 499	209 130	13 694
323110	Commercial lithographic printing	3	59	16	1 042	39 771	701	1 380	20 537	86 920	41 968	127 372	11 904
323114	Quick printing	3	42	3	318	9 271	245	462	6 607	19 971	9 832	29 773	714
325	Chemical manufacturing	1	39	10	2 127	107 546	1 537	3 264	69 905	240 857	154 417	399 471	18 103
3251	Basic chemical manufacturing ...	7	7	2	295	19 954	84	171	4 188	42 738	25 619	72 366	D
3254	Pharmaceutical and medicine manufacturing	—	10	5	1 591	76 383	1 321	2 826	60 711	164 251	106 132	270 622	9 674
32541	Pharmaceutical and medicine manufacturing	—	10	5	1 591	76 383	1 321	2 826	60 711	164 251	106 132	270 622	9 674
325411	Medicinal and botanical manufacturing	—	2	1	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
AUSTIN-ROUND ROCK, TX METROPOLITAN STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing	4	41	16	1 661	46 537	1 328	2 763	27 230	90 773	71 490	163 405	4 088
3261	Plastics product manufacturing ..	5	34	13	1 562	43 578	1 258	2 622	25 645	83 139	65 796	149 977	3 588
32615	Urethane and other foam product (except polystyrene) manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	27	9	1 023	23 523	790	1 677	15 533	50 152	36 587	87 419	1 813
326199	All other plastics product manufacturing	5	21	6	814	17 068	620	1 276	10 812	32 582	27 378	60 694	1 190
327	Nonmetallic mineral product manufacturing	3	95	30	2 624	92 623	2 111	4 327	65 194	302 507	216 673	517 979	26 314
3271	Clay product and refractory manufacturing	2	8	4	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	2	4	4	296	8 427	238	487	5 965	26 311	8 930	34 855	D
327121	Brick and structural clay tile manufacturing	2	4	4	296	8 427	238	487	5 965	26 311	8 930	34 855	D
3272	Glass and glass product manufacturing	9	15	1	e	D	D	D	D	D	D	D	1 286
32721	Glass and glass product manufacturing	9	15	1	e	D	D	D	D	D	D	D	1 286
327215	Glass product manufacturing made of purchased glass ..	9	13	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	53	16	1 400	55 321	1 099	2 339	37 754	209 809	159 306	368 347	20 583
32732	Ready-mix concrete manufacturing	1	38	9	636	26 044	553	1 173	21 373	83 780	86 895	170 778	15 053
327320	Ready-mix concrete manufacturing	1	38	9	636	26 044	553	1 173	21 373	83 780	86 895	170 778	15 053
32739	Other concrete product manufacturing	7	9	2	380	13 208	246	502	5 497	38 462	11 479	49 948	2 298
327390	Other concrete product manufacturing	7	9	2	380	13 208	246	502	5 497	38 462	11 479	49 948	2 298
3279	Other nonmetallic mineral product manufacturing	4	16	8	450	12 987	381	707	9 505	29 708	16 556	46 247	2 088
32799	All other nonmetallic mineral product manufacturing	4	16	8	450	12 987	381	707	9 505	29 708	16 556	46 247	2 088
327991	Cut stone and stone product manufacturing	3	12	6	362	9 800	303	560	6 806	21 838	6 982	28 897	D
332	Fabricated metal product manufacturing	2	170	34	2 933	92 633	2 170	4 480	58 765	190 321	182 920	376 635	10 254
3321	Forging and stamping.....	3	5	3	379	10 888	295	591	7 985	32 845	21 217	54 623	692
33211	Forging and stamping.....	3	5	3	379	10 888	295	591	7 985	32 845	21 217	54 623	692
3323	Architectural and structural metals manufacturing	4	53	12	805	28 674	579	1 202	16 211	62 638	64 824	128 226	1 463
33231	Plate work and fabricated structural product manufacturing	4	15	4	327	10 581	244	512	6 271	21 986	27 589	49 807	563
332312	Fabricated structural metal manufacturing	4	9	4	286	8 971	217	456	5 308	19 319	25 410	44 883	D
33232	Ornamental and architectural metal products manufacturing	3	38	8	478	18 093	335	690	9 940	40 652	37 235	78 419	900
332322	Sheet metal work manufacturing	5	18	5	305	10 182	222	461	5 870	19 850	15 740	36 250	517
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	73	6	698	25 682	480	988	17 226	45 951	19 767	67 985	2 266
33271	Machine shops	2	60	3	439	16 352	293	599	10 613	28 468	13 574	43 274	1 677
332710	Machine shops	2	60	3	439	16 352	293	599	10 613	28 468	13 574	43 274	1 677
33272	Turned product and screw, nut, and bolt manufacturing	—	13	3	259	9 330	187	389	6 613	17 483	6 193	24 711	589
332721	Precision turned product manufacturing	—	13	3	259	9 330	187	389	6 613	17 483	6 193	24 711	589
3328	Coating, engraving, heat treating, and allied activities	2	15	6	408	8 793	321	657	6 021	15 271	5 763	20 086	522
33281	Coating, engraving, heat treating, and allied activities ..	2	15	6	408	8 793	321	657	6 021	15 271	5 763	20 086	522
332813	Electroplating, plating, polishing, anodizing, and coloring	3	7	3	257	5 075	231	501	3 768	7 147	2 573	9 720	284

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)				
AUSTIN-ROUND ROCK, TX METROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	1	12	6	556	15 937	434	909	9 631	25 153	55 618	81 715	4 776
33291	Metal valve manufacturing	2	5	3	436	11 258	350	750	6 988	28 120	20 970	47 430	D
332911	Industrial valve manufacturing	2	3	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	'66	'20	'3 796	'186 574	'2 106	'4 253	'73 661	'711 222	'642 782	'1 387 185	'72 038
3332	Industrial machinery manufacturing	1	22	9	2 575	136 171	1 363	2 708	51 747	555 149	526 015	1 115 185	D
33329	Other industrial machinery manufacturing	1	22	9	2 575	136 171	1 363	2 708	51 747	555 149	526 015	1 115 185	D
333295	Semiconductor machinery manufacturing	—	17	7	g	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	9	5	2	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	'6	'15	'3	'270	'8 640	'218	'438	'6 009	'17 828	'10 466	'27 793	'1 315
33351	Metalworking machinery manufacturing	'6	'15	'3	'270	'8 640	'218	'438	'6 009	'17 828	'10 466	'27 793	'1 315
3339	Other general purpose machinery manufacturing	—	9	3	f	D	D	D	D	D	D	D	1 384
33391	Pump and compressor manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	136	60	22 250	1 234 278	12 214	25 352	577 028	9 370 798	9 829 982	19 266 424	346 035
3341	Computer and peripheral equipment manufacturing	—	25	7	i	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	25	7	i	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	11	6	i	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	15	6	665	33 736	235	447	6 656	164 080	118 441	293 520	D
33421	Telephone apparatus manufacturing	—	6	3	343	22 515	74	132	2 873	135 659	98 114	243 893	D
334210	Telephone apparatus manufacturing	—	6	3	343	22 515	74	132	2 873	135 659	98 114	243 893	D
33429	Other communications equipment manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	5	2	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	51	29	j	D	D	D	D	D	D	D	261 423
33441	Semiconductor and other electronic component manufacturing	—	51	29	j	D	D	D	D	D	D	D	261 423
334412	Bare printed circuit board manufacturing	4	10	3	559	20 414	399	875	12 462	49 178	21 748	67 412	D
334413	Semiconductor and related device manufacturing	—	18	12	i	D	D	D	D	D	D	D	235 204
334417	Electronic connector manufacturing	—	4	3	250	9 055	171	432	3 875	10 009	17 441	27 580	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	8	6	3 327	163 419	1 055	2 871	24 086	261 670	483 301	774 133	D
334419	Other electronic component manufacturing	2	11	5	265	10 068	174	316	5 097	23 992	7 525	31 397	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	38	16	1 211	59 224	523	1 044	18 648	140 920	130 151	278 540	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	38	16	1 211	59 224	523	1 044	18 648	140 920	130 151	278 540	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	10	6	580	24 741	272	449	8 932	48 699	60 433	109 984	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)				
AUSTIN-ROUND ROCK, TX METROPOLITAN STATISTICAL AREA—Con.													
335	Electrical equipment, appliance, and component manufacturing	1	28	12	1 314	49 280	793	1 574	19 224	159 210	119 722	288 654	3 326
3351	Electric lighting equipment manufacturing	—	10	6	706	24 322	452	1 019	9 855	65 747	69 436	136 388	D
33512	Lighting fixture manufacturing ..	—	9	6	f	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	6	13	4	e	D	D	D	D	D	D	D	1 604
336	Transportation equipment manufacturing	3	18	7	1 276	70 815	510	1 277	17 829	205 313	87 619	293 753	3 062
3364	Aerospace product and parts manufacturing	2	4	4	1 104	67 005	379	1 079	15 230	197 885	77 899	276 596	2 840
33641	Aerospace product and parts manufacturing	2	4	4	1 104	67 005	379	1 079	15 230	197 885	77 899	276 596	2 840
336413	Other aircraft parts and auxiliary equipment manufacturing	3	3	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	96	21	1 743	45 647	1 328	2 430	30 586	79 439	71 569	151 265	11 646
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	75	12	1 096	26 131	837	1 457	18 631	43 877	35 834	79 732	D
33711	Wood kitchen cabinet and countertop manufacturing	2	37	4	349	10 181	271	417	7 572	18 481	7 691	26 220	1 051
337110	Wood kitchen cabinet and countertop manufacturing ..	2	37	4	349	10 181	271	417	7 572	18 481	7 691	26 220	1 051
33712	Household and institutional furniture manufacturing	7	38	8	747	15 950	566	1 040	11 059	25 396	28 143	53 512	D
337121	Upholstered household furniture manufacturing	7	11	4	385	8 564	315	569	6 144	13 713	13 987	27 703	437
3372	Office furniture (including fixtures) manufacturing	2	17	7	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	2	17	7	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	136	23	3 850	170 854	2 066	4 230	77 288	621 714	154 909	701 113	15 737
3391	Medical equipment and supplies manufacturing	—	50	14	1 919	95 262	947	1 798	37 839	356 561	113 822	470 368	13 401
33911	Medical equipment and supplies manufacturing	—	50	14	1 919	95 262	947	1 798	37 839	356 561	113 822	470 368	13 401
339111	Laboratory apparatus and furniture manufacturing	2	3	3	320	11 267	212	399	5 822	30 041	14 875	44 447	1 583
339113	Surgical appliance and supplies manufacturing	—	11	6	1 252	70 035	516	967	25 934	294 088	83 417	378 161	10 606
3399	Other miscellaneous manufacturing	1	86	9	1 931	75 592	1 119	2 432	39 449	265 153	41 087	230 745	2 336
33991	Jewelry and silverware manufacturing	—	9	1	1 061	45 817	451	1 068	19 960	36 100	20 335	54 669	604
339911	Jewelry (except costume) manufacturing	—	7	1	g	D	D	D	D	D	D	D	D
33995	Sign manufacturing	3	44	2	270	7 640	219	392	5 053	15 497	8 390	23 883	677
339950	Sign manufacturing	3	44	2	270	7 640	219	392	5 053	15 497	8 390	23 883	677
33999	All other miscellaneous manufacturing	1	24	4	530	20 500	398	901	13 715	208 647	9 616	144 629	1 023
339999	All other miscellaneous manufacturing	1	19	3	477	18 737	355	819	12 559	206 772	7 161	140 106	D

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BEAUMONT-PORT ARTHUR, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	'353	122	'18 912	'1 040 400	'13 510	'27 932	'694 007	'5 390 264	'18 893 176	'24 092 778	'557 013
311	Food manufacturing	5	20	5	365	10 232	278	457	5 384	26 247	35 576	61 919	986
321	Wood product manufacturing	-	14	10	836	24 851	699	1 540	18 380	74 152	99 548	173 989	2 753
3219	Other wood product manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	-	7	6	549	15 192	472	1 028	10 927	47 281	50 467	97 766	1 513
321920	Wood container and pallet manufacturing	-	7	6	549	15 192	472	1 028	10 927	47 281	50 467	97 766	1 513
322	Paper manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	10	8	3 782	275 372	2 722	5 724	196 656	3 064 443	12 935 750	15 829 997	353 522
3241	Petroleum and coal products manufacturing	-	10	8	3 782	275 372	2 722	5 724	196 656	3 064 443	12 935 750	15 829 997	353 522
32411	Petroleum refineries	-	6	6	h	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	6	6	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	43	32	7 592	488 793	5 064	11 139	311 447	1 587 549	5 192 039	6 768 579	155 052
3251	Basic chemical manufacturing ...	-	20	16	2 868	176 601	1 761	4 077	103 166	782 062	2 818 236	3 607 122	78 026
32511	Petrochemical manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32512	Industrial gas manufacturing ...	-	5	2	e	D	D	D	D	D	D	D	D
325120	Industrial gas manufacturing ...	-	5	2	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	10	9	1 974	117 773	1 228	2 871	66 888	476 598	1 961 055	2 431 020	48 549
325199	All other basic organic chemical manufacturing	-	10	9	1 974	117 773	1 228	2 871	66 888	476 598	1 961 055	2 431 020	48 549
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	12	11	4 181	279 459	2 904	6 234	185 622	708 962	2 194 965	2 875 579	70 620
32521	Resin and synthetic rubber manufacturing	-	12	11	4 181	279 459	2 904	6 234	185 622	708 962	2 194 965	2 875 579	70 620
325211	Plastics material and resin manufacturing	-	7	6	2 549	172 060	1 747	3 683	114 769	217 589	1 460 325	1 656 587	44 516
325212	Synthetic rubber manufacturing	-	5	5	1 632	107 399	1 157	2 551	70 853	491 373	734 640	1 218 992	26 104
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	1	7	4	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	1	7	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	8	5	392	16 408	318	667	12 697	42 871	63 483	106 228	1 082
3261	Plastics product manufacturing ..	-	7	5	e	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	3	3	255	12 018	219	471	9 920	32 922	57 885	90 714	D
331	Primary metal manufacturing	-	6	4	567	27 999	404	742	19 931	90 357	134 642	215 407	2 463
3311	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	2	2	e	D	D	D	D	D	D	D	D

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BEAUMONT-PORT ARTHUR, TX METROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing	1	80	26	2 192	75 700	1 732	3 451	52 927	189 553	174 606	364 284	21 956
3321	Forging and stamping.....	—	4	3	253	10 367	185	389	6 650	22 692	18 980	42 441	D
33211	Forging and stamping.....	—	4	3	253	10 367	185	389	6 650	22 692	18 980	42 441	D
3323	Architectural and structural metals manufacturing	1	21	5	425	12 743	340	585	8 676	21 702	20 801	42 096	1 571
33231	Plate work and fabricated structural product manufacturing	—	12	5	350	10 134	285	468	6 900	17 575	18 070	35 238	D
332312	Fabricated structural metal manufacturing	—	8	4	295	8 510	240	395	5 808	14 263	16 079	29 945	954
3324	Boiler, tank, and shipping container manufacturing	5	4	3	266	9 514	182	407	5 644	23 378	15 324	38 183	D
33241	Power boiler and heat exchanger manufacturing	5	4	3	266	9 514	182	407	5 644	23 378	15 324	38 183	D
332410	Power boiler and heat exchanger manufacturing ..	5	4	3	266	9 514	182	407	5 644	23 378	15 324	38 183	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	29	3	353	9 391	283	427	6 673	19 133	9 073	28 293	4 024
33271	Machine shops	1	25	3	312	8 176	255	375	5 824	16 120	6 478	22 654	3 890
332710	Machine shops	1	25	3	312	8 176	255	375	5 824	16 120	6 478	22 654	3 890
3328	Coating, engraving, heat treating, and allied activities	—	4	2	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	—	4	2	e	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	3	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	17	9	577	26 044	461	985	19 573	93 782	91 691	175 679	8 350
33291	Metal valve manufacturing	—	3	3	275	15 258	215	493	11 963	61 647	56 728	111 541	D
33299	All other fabricated metal product manufacturing	3	14	6	302	10 786	246	492	7 610	32 135	34 963	64 138	D
333	Machinery manufacturing	—	18	7	544	23 241	338	539	11 420	48 237	27 016	74 592	7 051
334	Computer and electronic product manufacturing	—	4	2	453	14 315	197	412	4 332	23 800	8 968	32 706	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	4	2	453	14 315	197	412	4 332	23 800	8 968	32 706	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	4	2	453	14 315	197	412	4 332	23 800	8 968	32 706	D
334516	Analytical laboratory instrument manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	20	8	f	D	D	D	D	D	D	D	2 812
3366	Ship and boat building	1	15	7	680	23 893	605	1 081	20 493	40 257	31 405	71 662	2 687
33661	Ship and boat building	1	15	7	680	23 893	605	1 081	20 493	40 257	31 405	71 662	2 687
336611	Ship building and repairing ..	1	12	7	f	D	D	D	D	D	D	D	D
BIG SPRING, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	26	8	960	38 155	668	1 369	26 421	144 446	693 075	837 653	24 487
324	Petroleum and coal products manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	5	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BORGER, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	19	12	2 002	108 339	1 346	3 008	75 983	413 605	1 886 074	2 296 605	72 620
324	Petroleum and coal products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	4	3	414	26 361	269	535	16 058	120 025	131 383	258 865	11 656
32511	Petrochemical manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	2	1	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	-	2	1	e	D	D	D	D	D	D	D	D
BRENHAM, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	56	25	3 112	101 090	2 458	5 076	73 651	354 485	288 502	647 103	13 592
311	Food manufacturing	-	9	3	845	28 606	608	1 247	18 974	131 743	89 041	219 989	3 407
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	-	2	2	e	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	17	7	679	21 372	541	1 081	16 345	62 806	50 000	114 569	2 097
3323	Architectural and structural metals manufacturing	-	7	1	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	-	7	4	282	9 993	220	428	7 990	18 512	8 754	27 507	D
33271	Machine shops	-	7	4	282	9 993	220	428	7 990	18 512	8 754	27 507	D
332710	Machine shops	-	7	4	282	9 993	220	428	7 990	18 512	8 754	27 507	D
337	Furniture and related product manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33791	Mattress manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	6	5	3	320	11 897	207	407	7 274	41 621	38 521	80 728	D
3399	Other miscellaneous manufacturing	6	5	3	320	11 897	207	407	7 274	41 621	38 521	80 728	D

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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)				
BROWNWOOD, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	38	10	2 768	96 675	2 260	4 286	71 693	497 755	284 506	796 208	11 245
326	Plastics and rubber products manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	3	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
COLLEGE STATION-BRYAN, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	139	45	5 520	155 633	4 251	8 137	95 805	366 479	354 581	720 817	17 167
311	Food manufacturing	1	13	5	1 824	37 239	1 600	2 943	27 769	85 611	122 035	206 966	1 921
3116	Animal slaughtering and processing	-	3	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	8	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	9	8	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	17	3	290	7 522	196	356	4 207	16 263	14 525	30 359	561
3231	Printing and related support activities	1	17	3	290	7 522	196	356	4 207	16 263	14 525	30 359	561
32311	Printing	1	17	3	290	7 522	196	356	4 207	16 263	14 525	30 359	561
327	Nonmetallic mineral product manufacturing	2	14	5	374	13 931	308	626	10 558	57 817	29 523	88 249	1 254
332	Fabricated metal product manufacturing	-	32	10	1 154	35 073	833	1 663	22 228	75 707	62 766	140 376	5 899
3323	Architectural and structural metals manufacturing	-	9	2	503	14 048	374	727	8 311	42 055	21 845	64 356	1 567
33232	Ornamental and architectural metal products manufacturing	-	7	2	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	-	2	1	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	-	2	1	e	D	D	D	D	D	D	D	D
332811	Metal heat treating	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	8	4	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	5	3	528	16 177	401	788	7 817	35 325	20 792	56 060	1 203
337110	Wood kitchen cabinet and countertop manufacturing ..	-	5	3	528	16 177	401	788	7 817	35 325	20 792	56 060	1 203

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)				
CORSICANA, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	55	24	3 123	83 129	2 465	4 687	56 596	283 768	208 078	489 085	26 552
311	Food manufacturing	—	3	2	g	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
31133	Confectionery manufacturing from purchased chocolate	—	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	4	4	296	7 195	231	438	4 658	41 292	29 408	69 924	D
3261	Plastics product manufacturing ..	—	4	4	296	7 195	231	438	4 658	41 292	29 408	69 924	D
327	Nonmetallic mineral product manufacturing	—	7	3	466	18 635	352	618	12 603	57 444	45 606	103 088	D
3272	Glass and glass product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
DEL RIO, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	8	25	6	347	11 587	239	479	6 587	27 587	31 053	58 519	1 147
DUMAS, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	17	4	h	D	D	D	D	D	D	D	21 673
311	Food manufacturing	—	6	1	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	1	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	1	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	2	1	h	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	e	D	D	D	D	D	D	D	D
EL CAMPO, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	52	16	1 868	51 845	1 608	3 369	38 471	169 787	182 161	353 185	4 706
326	Plastics and rubber products manufacturing	—	5	5	592	19 343	503	1 139	15 212	105 190	106 835	213 258	1 034
3261	Plastics product manufacturing ..	—	4	4	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	3	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	3	2	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	4	3	2	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	4	3	2	f	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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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
EL PASO, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	643	190	27 796	749 987	21 763	40 279	494 717	3 165 254	5 083 934	8 216 226	204 631
311	Food manufacturing	3	63	15	1 445	43 802	966	1 993	22 778	134 939	220 674	354 496	13 967
3114	Fruit and vegetable preserving and specialty food manufacturing	9	4	3	366	9 800	334	735	7 342	45 610	35 994	81 629	2 381
31142	Fruit and vegetable canning, pickling, and drying	9	4	3	366	9 800	334	735	7 342	45 610	35 994	81 629	2 381
3115	Dairy product manufacturing	—	4	4	e	D	D	D	D	D	D	D	2 064
31151	Dairy product (except frozen) manufacturing	—	4	4	e	D	D	D	D	D	D	D	2 064
311511	Fluid milk manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	36	5	516	15 643	319	584	8 176	49 802	19 834	69 607	D
31181	Bread and bakery product manufacturing	—	28	3	403	13 106	217	436	6 150	40 299	14 702	55 004	1 204
311812	Commercial bakeries	—	2	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	4	3	e	D	D	D	D	D	D	D	815
3121	Beverage manufacturing	—	4	3	e	D	D	D	D	D	D	D	815
31211	Soft drink and ice manufacturing	—	4	3	e	D	D	D	D	D	D	D	815
312111	Soft drink manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills	2	14	6	1 019	23 426	832	1 640	17 530	126 925	82 050	211 902	4 100
3132	Fabric mills	1	7	3	344	8 609	305	632	6 703	44 291	16 427	60 249	893
31322	Narrow fabric mills and schiffli machine embroidery	—	2	1	e	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	—	2	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	2	7	3	675	14 817	527	1 008	10 827	82 634	65 623	151 653	3 207
31331	Textile and fabric finishing mills	2	6	3	f	D	D	D	D	D	D	D	3 207
313311	Broadwoven fabric finishing mills	9	3	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	2	44	20	5 722	123 954	4 998	9 314	102 083	659 877	695 193	1 417 084	8 876
3152	Cut and sew apparel manufacturing	2	38	20	5 677	122 837	4 955	9 255	101 043	657 574	668 251	1 387 139	D
31521	Cut and sew apparel contractors	6	16	6	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	2	14	10	3 924	92 740	3 270	5 875	73 212	490 821	562 034	1 113 283	8 191
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	10	8	h	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	—	7	4	g	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	5	25	5	886	19 334	709	1 358	11 892	47 124	51 289	96 000	D
3162	Footwear manufacturing	5	15	4	799	17 770	635	1 210	10 804	44 649	49 319	91 524	D
31621	Footwear manufacturing	5	15	4	799	17 770	635	1 210	10 804	44 649	49 319	91 524	D
316213	Men's footwear (except athletic) manufacturing	5	11	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	26	7	381	7 725	329	639	5 657	15 537	23 487	38 864	751
3219	Other wood product manufacturing	5	25	6	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	17	10	952	28 052	748	1 376	15 452	128 302	120 815	248 028	4 241
3222	Converted paper product manufacturing	—	17	10	952	28 052	748	1 376	15 452	128 302	120 815	248 028	4 241
32221	Paperboard container manufacturing	—	15	8	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	11	6	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)				
EL PASO, TX METROPOLITAN STATISTICAL AREA—Con.													
323	Printing and related support activities	3	70	9	921	22 065	753	1 415	14 514	38 555	24 105	62 673	4 016
3231	Printing and related support activities	3	70	9	921	22 065	753	1 415	14 514	38 555	24 105	62 673	4 016
32311	Printing	2	65	8	612	17 026	453	895	9 785	32 825	23 684	56 456	D
323110	Commercial lithographic printing	1	26	4	321	8 735	246	518	5 068	15 633	11 430	26 914	1 185
32312	Support activities for printing	8	5	1	309	5 039	300	520	4 729	5 730	421	6 217	D
323122	Prepress services	8	5	1	309	5 039	300	520	4 729	5 730	421	6 217	D
326	Plastics and rubber products manufacturing	—	33	23	4 858	133 638	3 836	5 679	92 916	250 520	283 798	534 752	46 368
3261	Plastics product manufacturing ..	—	30	22	h	D	D	D	D	D	D	D	46 181
32611	Plastics packaging materials and unaminated film and sheet manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	21	16	4 051	114 074	3 253	4 493	79 806	188 252	236 779	424 304	26 893
326199	All other plastics product manufacturing	—	20	16	h	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	5	28	7	567	18 129	473	990	13 560	74 630	75 087	150 792	7 161
3271	Clay product and refractory manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	3	20	6	273	9 029	227	504	6 823	38 493	54 933	93 676	5 704
331	Primary metal manufacturing	—	13	10	1 466	48 599	1 186	2 294	36 332	156 028	1 142 400	1 308 244	7 443
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
3314	Nonferrous metal (except aluminum) production and processing	—	7	6	f	D	D	D	D	D	D	D	D
33141	Nonferrous metal (except aluminum) smelting and refining	—	1	1	e	D	D	D	D	D	D	D	D
331411	Primary smelting and refining of copper	—	1	1	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	6	5	f	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	1	5	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	90	16	1 498	43 426	1 229	2 473	31 064	89 684	91 251	182 755	9 935
3321	Forging and stamping	—	8	5	326	10 582	262	575	7 714	10 065	29 503	40 087	D
33211	Forging and stamping	—	8	5	326	10 582	262	575	7 714	10 065	29 503	40 087	D
3323	Architectural and structural metals manufacturing	5	22	5	696	17 952	574	1 138	12 544	46 805	43 672	91 766	4 302
33231	Plate work and fabricated structural product manufacturing	7	10	3	307	10 512	224	462	6 686	30 578	33 690	65 499	D
33232	Ornamental and architectural metal products manufacturing	2	12	2	389	7 440	350	676	5 858	16 227	9 982	26 267	D
332323	Ornamental and architectural metal work manufacturing ..	1	8	2	363	6 598	330	634	5 308	14 409	8 426	22 893	D
333	Machinery manufacturing	7	39	6	465	14 250	325	616	9 125	129 599	72 632	200 897	3 932
334	Computer and electronic product manufacturing	2	23	11	2 019	55 466	1 393	2 321	25 988	210 041	201 936	412 777	20 600
3341	Computer and peripheral equipment manufacturing	4	4	3	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	4	4	3	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	1	2	1	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	11	4	741	20 902	491	916	7 746	105 668	127 588	232 304	4 404
33441	Semiconductor and other electronic component manufacturing	—	11	4	741	20 902	491	916	7 746	105 668	127 588	232 304	4 404
334413	Semiconductor and related device manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
EL PASO, TX METROPOLITAN STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing—Con.												
3346	Manufacturing and reproducing magnetic and optical media	9	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media . . .	9	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	9	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	20	11	2 258	65 819	1 831	4 097	44 264	492 071	558 782	1 043 043	34 837
3352	Household appliance manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	1	6	3	252	9 542	180	398	4 952	107 382	57 302	164 374	2 431
33531	Electrical equipment manufacturing	1	6	3	252	9 542	180	398	4 952	107 382	57 302	164 374	2 431
3359	Other electrical equipment and component manufacturing	—	9	4	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	—	6	3	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	—	6	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	15	6	775	19 941	522	943	12 309	298 847	395 573	613 785	15 506
3363	Motor vehicle parts manufacturing	—	12	5	741	18 383	500	893	11 186	225 581	209 921	434 385	15 448
33632	Motor vehicle electrical and electronic equipment manufacturing	—	7	4	672	16 365	442	792	9 797	221 357	207 651	427 889	15 355
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	7	4	672	16 365	442	792	9 797	221 357	207 651	427 889	15 355
337	Furniture and related product manufacturing	1	34	5	593	11 895	434	832	7 722	29 785	22 507	52 233	1 030
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	31	5	581	11 490	425	813	7 495	28 968	21 677	50 586	1 013
33712	Household and institutional furniture manufacturing	—	12	4	493	9 354	363	706	6 073	24 558	18 815	43 279	882
337124	Metal household furniture manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	57	14	1 142	33 731	841	1 589	15 686	128 785	74 687	202 457	5 116
3391	Medical equipment and supplies manufacturing	5	21	6	654	24 166	453	852	10 071	77 582	39 205	117 079	4 104
33911	Medical equipment and supplies manufacturing	5	21	6	654	24 166	453	852	10 071	77 582	39 205	117 079	4 104
339113	Surgical appliance and supplies manufacturing	8	5	2	409	17 348	301	599	7 418	46 908	26 963	74 041	D
3399	Other miscellaneous manufacturing	1	36	8	488	9 565	388	737	5 615	51 203	35 482	85 378	1 012
HEREFORD, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	26	9	701	24 316	550	1 202	17 463	105 696	196 715	303 434	3 564
311	Food manufacturing	—	11	6	541	19 443	433	966	14 497	95 209	189 325	285 180	D
3111	Animal food manufacturing	1	5	2	254	9 744	193	403	6 624	66 257	58 274	124 583	2 097
31111	Animal food manufacturing	1	5	2	254	9 744	193	403	6 624	66 257	58 274	124 583	2 097
KERRVILLE, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	5	51	6	686	21 726	545	1 067	14 346	57 865	52 286	111 136	2 939

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)				
KILLEEN-TEMPLE-FORT HOOD, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	185	53	'8 894	272 147	7 120	13 431	196 338	967 802	737 496	1 709 644	59 154
311	Food manufacturing	-	15	2	299	7 675	260	535	6 118	18 444	30 969	49 299	125
321	Wood product manufacturing	-	11	7	823	25 143	657	1 170	17 347	88 083	85 948	176 951	1 628
3219	Other wood product manufacturing	-	10	6	f	D	D	D	D	D	D	D	D
32191	Millwork	-	6	3	357	13 367	265	538	9 067	69 477	58 675	128 288	D
32199	All other wood product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	3	2	357	6 859	242	247	3 532	17 084	22 315	38 697	D
3222	Converted paper product manufacturing	-	3	2	357	6 859	242	247	3 532	17 084	22 315	38 697	D
32221	Paperboard container manufacturing	-	3	2	357	6 859	242	247	3 532	17 084	22 315	38 697	D
322211	Corrugated and solid fiber box manufacturing	-	3	2	357	6 859	242	247	3 532	17 084	22 315	38 697	D
326	Plastics and rubber products manufacturing	3	12	8	3 416	113 357	2 975	5 391	92 975	512 550	316 370	831 723	35 388
3261	Plastics product manufacturing ..	3	10	8	h	D	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	6	4	255	6 340	206	316	4 341	36 891	49 218	94 149	1 158
331	Primary metal manufacturing	-	5	4	630	19 914	513	1 152	15 344	35 389	28 521	64 051	D
3315	Foundries	-	5	4	630	19 914	513	1 152	15 344	35 389	28 521	64 051	D
33152	Nonferrous metal foundries	-	3	2	e	D	D	D	D	D	D	D	D
331521	Aluminum die-casting foundries	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	10	5	'737	24 963	548	1 157	16 991	49 570	33 502	83 322	1 080
3339	Other general purpose machinery manufacturing	-	4	3	'634	'22 067	'471	'987	'15 270	'41 951	'29 182	'71 782	'745
33399	All other general purpose machinery manufacturing	1	3	2	e	D	D	D	D	D	D	D	D
333995	Fluid power cylinder and actuator manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	28	7	935	23 469	723	1 390	14 234	60 326	57 138	116 994	5 460
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	21	3	707	17 578	576	1 125	12 189	39 310	41 280	80 109	D
33712	Household and institutional furniture manufacturing	6	9	3	664	16 506	543	1 072	11 494	37 504	40 126	77 151	D
337127	Institutional furniture manufacturing	6	3	3	647	16 193	532	1 053	11 270	37 062	39 764	76 342	D
339	Miscellaneous manufacturing	2	18	5	568	14 368	371	816	7 418	43 478	24 333	67 350	3 877
3399	Other miscellaneous manufacturing	3	11	4	e	D	D	D	D	D	D	D	D
LAREDO, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	95	14	1 418	33 408	998	1 747	19 175	180 648	137 034	328 216	14 187
339	Miscellaneous manufacturing	2	6	3	566	10 066	415	659	6 668	42 690	34 733	77 392	D
3399	Other miscellaneous manufacturing	2	6	3	566	10 066	415	659	6 668	42 690	34 733	77 392	D
33999	All other miscellaneous manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	4	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LUFKIN, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	79	31	6 079	181 690	4 903	9 220	130 681	420 874	575 841	998 803	39 533
311	Food manufacturing	-	9	3	2 089	36 459	1 735	3 547	27 334	107 868	131 247	239 726	1 849
3116	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	11	8	870	29 223	692	1 459	21 731	70 938	117 050	187 365	5 608
3211	Sawmills and wood preservation	2	3	3	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	2	3	3	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	e	D	D	D	D	D	D	D	D
322122	Newsprint mills	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	4	2	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	4	2	e	D	D	D	D	D	D	D	D
32311	Printing	-	4	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	4	3	f	D	D	D	D	D	D	D	3 727
3315	Foundries	-	3	3	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	2	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
MCALLEN-EDINBURG-PHARR, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	283	64	7 202	188 958	5 284	10 086	106 946	746 312	837 788	1 593 831	48 438
311	Food manufacturing	1	61	12	1 909	41 554	1 468	2 555	21 083	142 515	190 021	334 278	19 483
3114	Fruit and vegetable preserving and specialty food manufacturing	1	7	5	919	20 167	775	1 570	12 836	86 745	114 014	199 930	15 929
31141	Frozen food manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ..	3	2	2	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	1	5	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	7	2	464	6 373	423	559	4 167	13 130	48 611	64 998	681
31161	Animal slaughtering and processing	-	7	2	464	6 373	423	559	4 167	13 130	48 611	64 998	681
311611	Animal (except poultry) slaughtering	-	4	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	-	5	3	416	9 255	330	717	5 573	17 962	16 904	35 011	D
3149	Other textile product mills	-	2	2	e	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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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MCALLEN-EDINBURG-PHARR, TX METROPOLITAN STATISTICAL AREA—Con.													
315	Apparel manufacturing	—	14	7	1 166	23 086	796	1 412	11 686	137 594	193 186	345 974	D
3152	Cut and sew apparel manufacturing	—	13	7	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	—	1	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
322	Paper manufacturing	—	5	3	408	16 179	311	714	11 003	40 909	78 900	119 932	682
3222	Converted paper product manufacturing	—	5	3	408	16 179	311	714	11 003	40 909	78 900	119 932	682
32221	Paperboard container manufacturing	—	5	3	408	16 179	311	714	11 003	40 909	78 900	119 932	682
322211	Corrugated and solid fiber box manufacturing	—	5	3	408	16 179	311	714	11 003	40 909	78 900	119 932	682
326	Plastics and rubber products manufacturing	4	10	5	356	8 959	262	467	5 750	21 172	17 141	38 395	1 845
3261	Plastics product manufacturing ..	4	9	5	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	8	5	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	4	7	5	350	8 802	258	460	5 642	20 827	16 777	37 686	D
327	Nonmetallic mineral product manufacturing	2	25	6	333	10 187	248	556	6 500	40 458	36 522	76 091	1 509
3273	Cement and concrete product manufacturing	1	20	5	297	9 213	223	512	5 785	38 045	34 592	71 748	1 464
332	Fabricated metal product manufacturing	—	32	6	429	12 736	342	673	8 641	172 597	96 655	266 654	2 027
333	Machinery manufacturing	3	14	5	535	11 825	372	682	6 384	26 920	14 093	38 713	1 028
3335	Metalworking machinery manufacturing	5	9	3	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	5	9	3	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	15	3	423	13 877	334	755	8 864	26 803	43 625	69 473	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	14	2	e	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	—	10	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	—	10	1	e	D	D	D	D	D	D	D	D
MIDLAND, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	119	20	1 470	52 435	1 067	2 099	31 757	115 757	90 748	205 389	13 220
332	Fabricated metal product manufacturing	5	19	6	340	11 236	273	546	7 839	22 055	14 060	37 035	448
333	Machinery manufacturing	4	16	6	317	13 221	214	401	7 377	24 281	18 802	42 198	720
MOUNT PLEASANT, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	37	15	4 834	105 770	4 011	7 338	79 909	925 417	859 132	1 783 290	6 166
311	Food manufacturing	—	7	5	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	4	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	4	4	h	D	D	D	D	D	D	D	D
311613	Rendering and meat byproduct processing	—	1	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing	—	3	3	h	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)				
MOUNT PLEASANT, TX MICROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	9	5	e	D	D	D	D	D	D	D	342
3362	Motor vehicle body and trailer manufacturing	2	8	5	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	2	8	5	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	-	5	3	e	D	D	D	D	D	D	D	161
NACOGDOCHES, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	69	20	4 767	116 130	3 898	7 229	86 297	470 574	673 573	1 129 336	22 024
311	Food manufacturing	-	10	5	2 383	38 542	1 936	3 261	29 972	226 572	391 728	599 422	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	6	21	7	603	19 260	501	1 041	13 642	49 013	83 942	133 522	3 295
3211	Sawmills and wood preservation .	7	13	4	278	8 084	242	488	6 231	25 670	43 859	69 854	1 635
32111	Sawmills and wood preservation	7	13	4	278	8 084	242	488	6 231	25 670	43 859	69 854	1 635
321113	Sawmills	7	13	4	278	8 084	242	488	6 231	25 670	43 859	69 854	1 635
332	Fabricated metal product manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	6	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing 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	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)				
ODESSA, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	224	45	4 101	163 636	2 697	5 482	91 920	554 909	445 084	1 005 901	20 637
325	Chemical manufacturing	-	9	4	774	43 181	341	765	20 108	262 409	224 039	505 026	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	92	17	1 317	50 237	938	1 815	30 376	111 118	69 951	178 195	5 305
3324	Boiler, tank, and shipping container manufacturing	-	6	4	350	14 500	263	528	8 095	33 227	26 142	55 901	1 633
33242	Metal tank (heavy gauge) manufacturing	-	6	4	350	14 500	263	528	8 095	33 227	26 142	55 901	1 633
332420	Metal tank (heavy gauge) manufacturing	-	6	4	350	14 500	263	528	8 095	33 227	26 142	55 901	1 633
3327	Machine shops: turned product; and screw, nut, and bolt manufacturing	3	55	8	f	D	D	D	D	D	D	D	D
33271	Machine shops	3	53	8	525	18 942	370	656	12 221	38 089	17 304	55 718	1 604
332710	Machine shops	3	53	8	525	18 942	370	656	12 221	38 089	17 304	55 718	1 604
333	Machinery manufacturing	2	42	17	949	36 364	638	1 346	20 195	83 032	71 325	151 002	4 082
3331	Agriculture, construction, and mining machinery manufacturing	2	21	6	e	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	2	20	6	386	16 042	263	590	9 423	35 344	29 850	62 723	1 621
333132	Oil and gas field machinery and equipment manufacturing	2	20	6	386	16 042	263	590	9 423	35 344	29 850	62 723	1 621
3339	Other general purpose machinery manufacturing	2	16	8	413	16 050	268	543	8 240	38 369	36 972	74 879	2 279
33391	Pump and compressor manufacturing	2	11	7	357	13 948	244	518	7 469	35 711	34 389	69 418	2 179
336	Transportation equipment manufacturing	9	7	1	475	12 646	386	756	8 537	31 212	40 342	66 310	D
3362	Motor vehicle body and trailer manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
PALESTINE, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	4	28	6	327	8 600	257	389	6 043	21 393	17 907	39 382	511
PAMPA, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	21	6	942	49 598	644	1 390	29 275	189 828	216 238	408 609	D
325	Chemical manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	2	2	e	D	D	D	D	D	D	D	D
32511	Petrochemical manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	-	4	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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)				
PARIS, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	54	20	4 472	162 278	3 539	6 892	118 861	1 567 092	667 945	2 236 310	54 133
311	Food manufacturing	-	12	3	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	14	4	732	22 135	631	1 182	18 715	61 896	58 571	121 050	7 319
3329	Other fabricated metal product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	4	5	4	284	8 175	232	441	5 400	12 739	30 483	44 192	D
3362	Motor vehicle body and trailer manufacturing	4	4	3	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	4	4	3	e	D	D	D	D	D	D	D	D
PECOS, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	4	1	e	D	D	D	D	D	D	D	D
PLAINVIEW, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	28	11	2 779	77 088	2 323	5 354	57 308	266 084	1 051 402	1 314 857	12 828
311	Food manufacturing	-	8	6	g	D	D	D	D	D	D	D	11 868
3112	Grain and oilseed milling	-	2	2	e	D	D	D	D	D	D	D	D
31121	Flour milling and malt manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
311211	Flour milling	-	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
SAN ANGELO, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	103	27	4 004	136 730	3 099	6 215	87 555	496 509	426 164	921 078	10 695
311	Food manufacturing	-	21	5	885	22 215	782	1 720	17 528	72 138	200 821	267 325	2 052
3116	Animal slaughtering and processing	-	9	4	772	18 978	707	1 567	15 486	56 091	188 859	240 863	1 191
31161	Animal slaughtering and processing	-	9	4	772	18 978	707	1 567	15 486	56 091	188 859	240 863	1 191
311611	Animal (except poultry) slaughtering	-	7	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	18	5	855	32 658	598	1 394	19 990	163 461	30 989	194 708	3 525
3323	Architectural and structural metals manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	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)				
SAN ANGELO, TX METROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	—	14	3	g	D	D	D	D	D	D	D	3 157
3391	Medical equipment and supplies manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
SAN ANTONIO, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	'1 339	352	'45 554	'1 440 959	'32 284	'63 009	'820 521	'4 238 612	'4 465 997	'8 752 299	'272 061
311	Food manufacturing	1	139	36	7 023	213 958	4 656	9 270	115 913	690 364	832 256	1 518 536	32 006
3114	Fruit and vegetable preserving and specialty food manufacturing	5	10	3	386	10 084	292	575	5 959	15 771	15 031	30 753	1 235
31142	Fruit and vegetable canning, pickling, and drying	5	8	3	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	3	9	5	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	5	4	699	17 583	346	722	7 449	20 440	184 407	204 955	D
311511	Fluid milk manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	9	4	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	17	9	1 508	36 325	1 280	2 579	27 249	86 462	271 480	356 858	3 064
31161	Animal slaughtering and processing	—	17	9	1 508	36 325	1 280	2 579	27 249	86 462	271 480	356 858	3 064
311611	Animal (except poultry) slaughtering	—	4	2	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	1	9	6	479	12 171	353	577	7 933	32 063	104 925	135 853	1 283
311615	Poultry processing	—	3	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	62	9	2 765	90 077	1 585	3 116	43 634	211 563	138 379	349 505	5 997
31181	Bread and bakery product manufacturing	—	51	8	2 624	86 437	1 466	2 963	40 872	193 976	130 380	323 973	5 907
311811	Retail bakeries	3	40	2	e	D	D	D	D	D	D	D	145
311812	Commercial bakeries	—	9	4	1 823	69 157	888	1 986	30 575	151 552	93 703	245 173	D
311813	Frozen cakes, pies, and other pastries manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	1	23	4	948	38 734	615	1 288	17 148	255 730	121 108	375 590	8 278
31191	Snack food manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	3	10	6	1 366	46 959	450	844	11 699	278 785	276 302	553 617	12 846
3121	Beverage manufacturing	3	8	4	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	3	6	4	1 215	44 275	344	671	10 196	270 435	270 931	539 929	12 642
312111	Soft drink manufacturing	3	4	4	g	D	D	D	D	D	D	D	D
313	Textile mills	—	13	3	968	22 282	875	1 616	17 956	57 881	61 412	134 451	7 044
3132	Fabric mills	—	9	2	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	6	2	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	6	2	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	4	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	3	1	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	26	7	1 332	24 694	1 125	1 926	16 814	42 181	56 129	95 489	411
3141	Textile furnishings mills	—	7	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	7	2	f	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	—	6	2	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	2	19	5	e	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills	3	8	3	350	5 504	321	484	3 852	8 688	13 310	21 915	162

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)				
SAN ANTONIO, TX METROPOLITAN STATISTICAL AREA—Con.													
315	Apparel manufacturing	2	38	8	1 202	24 500	1 085	1 800	19 791	75 650	58 363	135 022	334
3152	Cut and sew apparel manufacturing	1	31	5	853	18 201	774	1 225	15 100	67 032	52 664	120 138	D
31522	Men's and boys' cut and sew apparel manufacturing	—	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
3159	Apparel accessories and other apparel manufacturing	6	7	3	349	6 299	311	575	4 691	8 618	5 699	14 884	D
31599	Apparel accessories and other apparel manufacturing	6	7	3	349	6 299	311	575	4 691	8 618	5 699	14 884	D
315991	Hat, cap, and millinery manufacturing	6	3	3	343	6 176	306	568	4 612	8 386	5 483	14 436	D
316	Leather and allied product manufacturing	8	10	6	1 590	43 671	1 256	2 556	22 685	47 209	38 065	84 307	800
3162	Footwear manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
31621	Footwear manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
316214	Women's footwear (except athletic) manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	49	12	1 461	36 449	1 217	2 218	26 946	56 494	90 369	147 125	2 737
3212	Veneer, plywood, and engineered wood product manufacturing	2	6	4	384	8 938	312	605	6 000	11 943	29 407	41 454	453
32121	Veneer, plywood, and engineered wood product manufacturing	2	6	4	384	8 938	312	605	6 000	11 943	29 407	41 454	453
321214	Truss manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	3	39	8	1 071	27 290	899	1 600	20 761	44 132	59 844	104 134	2 248
32191	Millwork	5	25	4	482	11 269	336	609	6 223	20 127	40 673	60 587	1 320
321911	Wood window and door manufacturing	5	11	3	353	8 253	230	388	3 872	15 836	30 263	46 125	827
32199	All other wood product manufacturing	—	6	2	465	12 638	453	750	11 951	18 306	13 140	31 522	842
321999	All other miscellaneous wood product manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	14	6	544	18 988	421	916	11 949	54 432	92 641	147 101	10 384
3222	Converted paper product manufacturing	—	14	6	544	18 988	421	916	11 949	54 432	92 641	147 101	10 384
32221	Paperboard container manufacturing	—	9	4	460	16 743	350	781	10 284	50 339	88 448	138 825	D
322211	Corrugated and solid fiber box manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	156	30	3 641	107 373	2 044	3 968	55 100	228 439	172 270	414 065	32 801
3231	Printing and related support activities	—	156	30	3 641	107 373	2 044	3 968	55 100	228 439	172 270	414 065	32 801
32311	Printing	—	149	29	3 570	104 500	2 010	3 909	54 100	223 820	170 507	407 683	32 663
323110	Commercial lithographic printing	1	61	12	935	28 472	673	1 083	17 753	62 959	49 692	113 666	3 807
323112	Commercial flexographic printing	—	3	1	e	D	D	D	D	D	D	D	D
323113	Commercial screen printing	—	23	4	808	24 676	492	1 090	15 571	35 505	38 439	86 195	D
323116	Manifold business forms printing	—	7	5	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	1	13	6	393	22 268	276	638	12 020	123 993	397 914	508 219	3 473
3241	Petroleum and coal products manufacturing	1	13	6	393	22 268	276	638	12 020	123 993	397 914	508 219	3 473
325	Chemical manufacturing	2	69	13	1 116	46 298	783	1 507	25 742	257 463	106 275	398 575	12 688
3254	Pharmaceutical and medicine manufacturing	1	15	6	547	21 813	419	736	12 183	108 115	17 843	155 504	4 466
32541	Pharmaceutical and medicine manufacturing	1	15	6	547	21 813	419	736	12 183	108 115	17 843	155 504	4 466
325412	Pharmaceutical preparation manufacturing	1	4	1	319	11 143	267	489	7 167	73 602	7 252	109 151	2 470
3256	Soap, cleaning compound, and toilet preparation manufacturing	1	12	3	303	13 833	213	442	8 514	92 226	42 183	139 134	6 147

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)				
SAN ANTONIO, TX METROPOLITAN STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing	2	62	18	1 692	50 020	1 299	2 404	29 418	137 526	136 954	276 342	11 328
3261	Plastics product manufacturing ..	2	53	16	1 600	47 316	1 235	2 267	27 874	133 975	127 765	263 406	10 888
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	5	3	266	8 026	220	456	5 891	29 237	17 013	46 935	D
32619	Other plastics product manufacturing	3	40	12	1 151	35 146	910	1 639	19 722	91 932	96 994	189 639	6 385
326199	All other plastics product manufacturing	2	37	10	1 085	33 485	852	1 529	18 421	87 558	94 066	182 337	6 139
327	Nonmetallic mineral product manufacturing	2	90	37	3 107	100 745	2 411	5 142	69 364	362 784	275 957	637 837	20 396
3271	Clay product and refractory manufacturing	5	14	4	499	12 609	425	780	10 389	29 496	8 378	36 099	588
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	59	29	2 262	72 747	1 738	3 841	49 437	296 406	234 344	531 378	17 471
32731	Cement manufacturing	2	5	4	501	22 200	352	796	14 366	140 097	86 483	225 516	11 747
327310	Cement manufacturing	2	5	4	501	22 200	352	796	14 366	140 097	86 483	225 516	11 747
32732	Ready-mix concrete manufacturing	—	29	10	506	16 493	383	856	12 322	61 983	65 006	127 117	1 723
327320	Ready-mix concrete manufacturing	—	29	10	506	16 493	383	856	12 322	61 983	65 006	127 117	1 723
32739	Other concrete product manufacturing	1	17	9	1 020	27 033	819	1 797	17 624	70 131	52 106	122 429	2 223
327390	Other concrete product manufacturing	1	17	9	1 020	27 033	819	1 797	17 624	70 131	52 106	122 429	2 223
331	Primary metal manufacturing	—	11	5	1 221	53 967	950	2 062	37 016	107 102	158 197	261 981	6 219
3311	Iron and steel mills and ferroalloy manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	2	1	f	D	D	D	D	D	D	D	D
3315	Foundries	—	4	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	211	43	3 330	100 241	2 540	4 539	62 528	234 345	200 860	430 619	34 798
3323	Architectural and structural metals manufacturing	1	90	24	1 830	55 941	1 389	2 540	34 736	140 427	146 961	284 573	24 759
33231	Plate work and fabricated structural product manufacturing	1	44	11	881	27 228	677	1 247	17 297	69 711	81 778	148 721	4 723
332312	Fabricated structural metal manufacturing	1	32	9	577	18 101	423	733	10 700	42 654	54 907	97 934	3 862
33232	Ornamental and architectural metal products manufacturing	1	46	13	949	28 713	712	1 293	17 439	70 716	65 183	135 852	20 036
332322	Sheet metal work manufacturing	1	25	8	509	14 888	391	729	9 714	37 693	36 403	74 041	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	61	9	697	18 979	586	846	13 732	37 768	16 872	54 286	3 027
33271	Machine shops	3	55	7	552	14 049	464	572	10 141	25 552	11 091	36 619	D
332710	Machine shops	3	55	7	552	14 049	464	572	10 141	25 552	11 091	36 619	D
333	Machinery manufacturing	—	65	27	3 224	109 329	2 212	4 134	59 544	241 210	282 865	534 995	8 143
3331	Agriculture, construction, and mining machinery manufacturing	—	13	4	415	14 339	302	654	9 003	17 853	43 123	65 128	994
3333	Commercial and service industry machinery manufacturing	2	11	5	342	13 591	162	329	5 218	38 053	29 069	67 232	566
33331	Commercial and service industry machinery manufacturing	2	11	5	342	13 591	162	329	5 218	38 053	29 069	67 232	566
333319	Other commercial and service industry machinery manufacturing	2	10	4	e	D	D	D	D	D	D	D	566

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)				
SAN ANTONIO, TX METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	8	6	1 704	53 248	1 244	2 185	31 183	118 532	178 633	304 815	3 536
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	8	6	1 704	53 248	1 244	2 185	31 183	118 532	178 633	304 815	3 536
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	8	6	1 704	53 248	1 244	2 185	31 183	118 532	178 633	304 815	3 536
3339	Other general purpose machinery manufacturing	2	16	7	467	18 644	297	654	8 969	42 336	22 915	65 335	1 477
33399	All other general purpose machinery manufacturing	1	9	4	288	11 267	181	409	5 480	26 037	13 315	39 833	1 244
334	Computer and electronic product manufacturing	1	42	13	2 053	96 639	1 039	2 377	28 927	253 436	264 116	505 620	24 136
3344	Semiconductor and other electronic component manufacturing	—	13	5	1 416	70 809	709	1 803	20 949	208 580	212 784	408 352	D
33441	Semiconductor and other electronic component manufacturing	—	13	5	1 416	70 809	709	1 803	20 949	208 580	212 784	408 352	D
334413	Semiconductor and related device manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	19	6	488	14 901	354	805	6 764	54 161	42 774	97 040	861
336	Transportation equipment manufacturing	2	47	17	3 367	129 034	2 280	4 370	77 977	546 075	612 195	1 170 617	33 398
3363	Motor vehicle parts manufacturing	—	19	4	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	5	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	5	1	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	6	19	12	1 653	75 137	1 047	1 949	44 649	159 267	108 608	278 859	D
33641	Aerospace product and parts manufacturing	6	19	12	1 653	75 137	1 047	1 949	44 649	159 267	108 608	278 859	D
336411	Aircraft manufacturing	8	4	3	444	31 899	287	581	18 753	45 286	40 906	98 093	D
336412	Aircraft engine and engine parts manufacturing	—	5	3	461	17 313	338	647	9 991	44 488	26 807	71 360	D
336413	Other aircraft parts and auxiliary equipment manufacturing	8	10	6	748	25 925	422	721	15 905	69 493	40 895	109 406	2 382
337	Furniture and related product manufacturing	3	93	21	3 381	89 495	2 825	5 621	62 782	170 327	142 251	312 644	8 466
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	68	13	2 938	77 343	2 475	5 015	54 848	140 717	122 013	262 445	7 338
33711	Wood kitchen cabinet and countertop manufacturing	1	46	8	2 424	65 698	2 097	4 321	46 810	116 230	98 325	214 487	D
337110	Wood kitchen cabinet and countertop manufacturing ..	1	46	8	2 424	65 698	2 097	4 321	46 810	116 230	98 325	214 487	D
33712	Household and institutional furniture manufacturing	6	22	5	514	11 645	378	694	8 038	24 487	23 688	47 958	D
339	Miscellaneous manufacturing	4	162	32	3 055	89 148	2 186	4 296	49 586	218 755	167 832	388 097	8 792
3391	Medical equipment and supplies manufacturing	5	66	10	1 140	36 209	799	1 566	18 145	99 197	88 440	191 158	3 703
33911	Medical equipment and supplies manufacturing	5	66	10	1 140	36 209	799	1 566	18 145	99 197	88 440	191 158	3 703
339111	Laboratory apparatus and furniture manufacturing	9	5	3	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	6	2	326	7 209	290	664	5 408	15 955	13 847	29 477	318
339116	Dental laboratories	1	46	3	327	10 248	244	449	6 901	16 687	5 312	21 828	628

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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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
SAN ANTONIO, TX METROPOLITAN STATISTICAL AREA—Con.													
339 33999	Miscellaneous manufacturing—Con. Other miscellaneous manufacturing	3	'96	'22	'1 915	'52 939	'1 387	'2 730	'31 441	'119 558	'79 392	'196 939	'5 089
33991	Jewelry and silverware manufacturing	2	10	5	322	7 203	299	616	6 015	25 400	3 589	27 141	D
339911	Jewelry (except costume) manufacturing	2	8	5	e	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	3	15	3	447	12 938	330	656	8 342	31 498	28 291	60 183	1 232
339920	Sporting and athletic goods manufacturing	3	15	3	447	12 938	330	656	8 342	31 498	28 291	60 183	1 232
33995	Sign manufacturing	5	43	7	450	14 914	298	612	7 452	30 594	18 482	49 010	825
339950	Sign manufacturing	5	43	7	450	14 914	298	612	7 452	30 594	18 482	49 010	825
33999	All other miscellaneous manufacturing	2	'21	'5	'457	'12 067	'325	'607	'6 361	'25 772	'22 993	'47 786	'445
339999	All other miscellaneous manufacturing	—	'16	'5	'426	'10 824	'301	'563	'5 547	'21 645	'19 287	'40 028	'324
SHERMAN-DENISON, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	132	40	7 807	329 140	5 779	12 187	202 312	1 614 367	1 066 498	2 678 506	89 969
311	Food manufacturing	—	14	3	379	15 335	298	666	11 363	259 434	43 313	303 097	5 393
3118	Bakeries and tortilla manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	5	4	264	6 200	208	424	4 139	8 129	20 601	29 415	232
326	Plastics and rubber products manufacturing	—	7	6	770	27 818	664	1 517	21 735	112 823	149 934	261 841	4 216
3261	Plastics product manufacturing ..	—	6	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	5	4	651	21 912	516	1 050	15 430	56 133	83 179	138 037	2 766
332	Fabricated metal product manufacturing	—	39	7	1 524	57 704	1 283	2 751	45 094	262 027	131 196	393 009	22 676
3323	Architectural and structural metals manufacturing	1	15	2	297	9 853	225	454	6 679	23 438	11 469	35 218	536
3325	Hardware manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	10	3	448	16 561	305	663	8 182	49 399	34 782	75 971	766
334	Computer and electronic product manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	4	2	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
339	Miscellaneous manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	1	1	f	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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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
STEPHENVILLE, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	41	10	1 636	50 959	1 192	2 249	28 445	194 646	121 756	311 918	15 570
327	Nonmetallic mineral product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	8	3	f	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	-	1	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
SULPHUR SPRINGS, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	43	15	1 550	51 299	1 217	2 535	33 763	349 591	292 552	642 693	13 776
311	Food manufacturing	-	9	6	395	13 620	290	574	8 598	136 958	156 986	294 257	6 700
3115	Dairy product manufacturing	-	4	4	279	9 801	221	459	7 055	124 813	127 798	252 938	D
31151	Dairy product (except frozen) manufacturing	-	4	4	279	9 801	221	459	7 055	124 813	127 798	252 938	D
332	Fabricated metal product manufacturing	2	9	3	540	21 376	419	892	13 585	63 676	49 046	112 372	2 407
3329	Other fabricated metal product manufacturing	4	3	2	e	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	4	3	2	e	D	D	D	D	D	D	D	D
SWEETWATER, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	13	7	834	27 661	691	1 524	20 665	116 951	55 180	171 246	4 981
327	Nonmetallic mineral product manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
3274	Lime and gypsum product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
TEXARKANA, TX-TEXARKANA, AR METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	95	29	5 902	255 903	4 494	8 650	185 461	838 509	756 682	1 580 621	35 143
321	Wood product manufacturing	-	8	5	477	14 444	410	845	11 065	33 385	59 893	94 039	3 164
3211	Sawmills and wood preservation	-	4	2	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	-	4	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	3	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	9	5	3	e	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TEXARKANA, TX-TEXARKANA, AR METROPOLITAN STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	e	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	e	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	19	4	890	31 612	608	959	15 305	71 821	41 035	113 751	1 768
3329	Other fabricated metal product manufacturing	2	4	3	791	28 101	535	817	13 070	64 705	35 648	101 249	1 473
33299	All other fabricated metal product manufacturing	2	4	3	791	28 101	535	817	13 070	64 705	35 648	101 249	1 473
332993	Ammunition (except small arms) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	2	3	2	e	D	D	D	D	D	D	D	1 473
336	Transportation equipment manufacturing	2	5	3	e	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	2	3	3	256	8 642	198	418	5 796	13 062	26 812	40 213	177
33621	Motor vehicle body and trailer manufacturing	2	3	3	256	8 642	198	418	5 796	13 062	26 812	40 213	177
336212	Truck trailer manufacturing ..	2	3	3	256	8 642	198	418	5 796	13 062	26 812	40 213	177
UVALDE, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	21	2	438	8 521	325	510	4 406	21 373	25 361	46 718	2 295
VERNON, TX MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	9	2	892	28 161	719	980	20 496	113 709	169 642	282 623	4 935
311	Food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	2	1	f	D	D	D	D	D	D	D	D
VICTORIA, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	101	21	5 712	302 381	3 998	8 720	198 500	452 323	3 553 370	3 988 404	121 890
325	Chemical manufacturing	-	11	6	3 401	211 009	2 184	4 795	135 713	330 451	2 985 783	3 297 328	110 855
3251	Basic chemical manufacturing ...	-	4	3	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	3	3	1 195	79 418	826	1 979	61 293	103 073	1 076 717	1 207 193	D
325199	All other basic organic chemical manufacturing	-	3	3	1 195	79 418	826	1 979	61 293	103 073	1 076 717	1 207 193	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	2 160	129 318	1 321	2 740	72 724	216 506	1 900 350	2 070 564	D
32521	Resin and synthetic rubber manufacturing	-	3	3	2 160	129 318	1 321	2 740	72 724	216 506	1 900 350	2 070 564	D
325211	Plastics material and resin manufacturing	-	3	3	2 160	129 318	1 321	2 740	72 724	216 506	1 900 350	2 070 564	D
326	Plastics and rubber products manufacturing	-	6	3	388	10 746	356	777	8 751	43 518	46 955	89 378	D
3261	Plastics product manufacturing ..	-	6	3	388	10 746	356	777	8 751	43 518	46 955	89 378	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
VICTORIA, TX METROPOLITAN STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing	-	11	3	329	8 977	288	664	6 881	14 142	15 796	31 254	845
3273	Cement and concrete product manufacturing	-	9	3	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	f	D	D	D	D	D	D	D	D
331311	Alumina refining	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	12	3	451	16 768	346	783	11 458	32 130	30 461	64 075	1 442
3323	Architectural and structural metals manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
WACO, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	247	98	13 642	449 529	10 191	19 931	295 428	2 603 132	1 640 710	4 239 088	73 397
311	Food manufacturing	-	21	9	3 300	105 981	2 334	5 019	74 406	884 792	569 759	1 453 162	17 029
3113	Sugar and confectionery product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate ...	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	-	1	1	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	3	1 834	43 714	1 344	3 021	29 548	141 658	246 887	386 640	D
31161	Animal slaughtering and processing	-	3	3	1 834	43 714	1 344	3 021	29 548	141 658	246 887	386 640	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing ...	-	2	2	e	D	D	D	D	D	D	D	D
313	Textile mills	-	2	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	13	8	1 208	27 663	995	1 691	18 991	58 277	95 751	153 746	1 398
3219	Other wood product manufacturing	-	12	7	g	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	6	5	1 067	24 235	892	1 491	16 516	49 333	79 177	128 330	D
321991	Manufactured home (mobile home) manufacturing	-	6	5	1 067	24 235	892	1 491	16 516	49 333	79 177	128 330	D
322	Paper manufacturing	-	12	10	1 231	51 326	948	2 144	32 945	199 209	242 647	441 995	10 040
3222	Converted paper product manufacturing	-	11	9	g	D	D	D	D	D	D	D	10 040
32221	Paperboard container manufacturing	-	5	5	625	30 045	464	1 099	16 776	66 532	126 749	196 485	4 663
322211	Corrugated and solid fiber box manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
322231	Die-cut paper and paperboard office supplies manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WACO, TX METROPOLITAN STATISTICAL AREA—Con.													
323	Printing and related support activities	2	34	7	499	13 569	370	545	7 791	26 858	15 519	42 952	1 794
3231	Printing and related support activities	2	34	7	499	13 569	370	545	7 791	26 858	15 519	42 952	1 794
32311	Printing	2	30	6	450	12 045	330	460	6 768	24 607	14 358	39 545	1 721
323110	Commercial lithographic printing	2	14	5	365	10 047	270	384	5 708	20 498	11 289	31 791	1 603
325	Chemical manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	11	7	582	14 678	512	980	11 348	58 748	45 778	100 725	6 513
3261	Plastics product manufacturing ..	—	8	6	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	17	9	1 100	41 443	925	1 964	32 790	143 654	85 319	224 442	6 543
3272	Glass and glass product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	9	8	f	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	—	3	3	420	9 560	368	747	7 680	18 396	12 766	29 660	D
327390	Other concrete product manufacturing	—	3	3	420	9 560	368	747	7 680	18 396	12 766	29 660	D
332	Fabricated metal product manufacturing	1	43	11	1 390	51 826	999	1 933	32 589	118 179	126 116	244 842	2 374
3323	Architectural and structural metals manufacturing	1	16	5	634	19 921	436	808	10 891	45 393	75 563	121 179	1 029
33231	Plate work and fabricated structural product manufacturing	1	6	5	581	18 546	406	755	10 115	42 170	68 811	111 267	877
332311	Prefabricated metal building and component manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	14	3	530	23 754	432	902	18 105	57 037	37 398	94 503	936
33272	Turned product and screw, nut, and bolt manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
332722	Bolt, nut, screw, rivet, and washer manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	13	6	995	33 982	608	1 145	16 705	104 720	78 238	187 398	4 465
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	6	3	467	16 326	295	505	7 695	48 262	28 169	80 283	D
33392	Material handling equipment manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
333923	Overhead traveling crane, hoist, and monorail system manufacturing	—	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
WACO, TX METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	—	11	7	719	22 449	510	962	12 643	46 179	86 270	133 551	3 473
3362	Motor vehicle body and trailer manufacturing	—	5	4	412	12 651	284	608	6 766	28 317	46 143	74 416	D
33621	Motor vehicle body and trailer manufacturing	—	5	4	412	12 651	284	608	6 766	28 317	46 143	74 416	D
336214	Travel trailer and camper manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	20	5	513	16 390	364	724	8 290	27 910	43 218	70 231	1 040
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	17	4	439	14 267	324	653	7 299	24 520	41 806	65 491	D
33712	Household and institutional furniture manufacturing	—	10	4	394	13 339	285	599	6 666	23 143	40 709	63 009	853
339	Miscellaneous manufacturing	1	22	4	400	12 692	263	412	5 896	34 601	15 798	49 672	1 107
3391	Medical equipment and supplies manufacturing	—	9	3	325	10 675	213	317	4 833	30 663	13 183	43 193	1 003
33911	Medical equipment and supplies manufacturing	—	9	3	325	10 675	213	317	4 833	30 663	13 183	43 193	1 003
339113	Surgical appliance and supplies manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
WICHITA FALLS, TX METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	159	46	7 101	253 556	5 569	10 818	175 860	891 378	557 165	1 457 540	42 210
321	Wood product manufacturing	2	10	5	335	8 017	285	490	5 995	14 817	20 607	35 368	1 200
3219	Other wood product manufacturing	—	9	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	8	8	6	1 358	47 612	1 151	2 449	38 302	302 858	122 034	425 343	8 996
3261	Plastics product manufacturing ..	8	6	5	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	2	3	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	10	4	1 495	60 191	1 212	2 495	40 004	252 265	164 551	420 298	D
3272	Glass and glass product manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	3	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	42	15	1 378	46 417	1 076	2 320	32 509	88 253	75 641	166 069	4 135
3322	Cutlery and handtool manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	6	6	534	19 556	401	894	12 815	39 114	40 807	82 052	2 432
33242	Metal tank (heavy gauge) manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	15	4	329	12 180	197	418	5 725	17 240	31 590	51 872	668

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)				
	WICHITA FALLS, TX METROPOLITAN STATISTICAL AREA—Con.											
336	Transportation equipment manufacturing	2	6	3	f	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	1	1	e	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	1	1	e	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	1	1	e	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	6	3	2	e	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	6	3	2	e	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	6	2	2	e	D	D	D	D	D	D	D

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

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

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

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

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

Table 3. Industry Statistics for Counties: 2002

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

NAICS code	Geographic area and industry	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)				
ANGELINA													
31-33	Manufacturing	-	79	31	6 079	181 690	4 903	9 220	130 681	420 874	575 841	998 803	39 533
311	Food manufacturing	-	9	3	2 089	36 459	1 735	3 547	27 334	107 868	131 247	239 726	1 849
3116	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	11	8	870	29 223	692	1 459	21 731	70 938	117 050	187 365	5 608
331	Primary metal manufacturing	-	4	3	f	D	D	D	D	D	D	D	3 727
3315	Foundries	-	3	3	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	2	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
AUSTIN													
31-33	Manufacturing	-	39	14	g	D	D	D	D	D	D	D	18 433
336	Transportation equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BASTROP													
31-33	Manufacturing	3	55	14	1 055	33 054	783	1 340	20 983	96 422	97 398	193 730	D
BELL													
31-33	Manufacturing	2	140	46	8 236	253 432	6 606	12 426	185 002	931 638	714 996	1 652 050	56 692
321	Wood product manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	11	8	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	3	9	8	h	D	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	5	4	630	19 914	513	1 152	15 344	35 389	28 521	64 051	D
3315	Foundries	-	5	4	630	19 914	513	1 152	15 344	35 389	28 521	64 051	D
333	Machinery manufacturing	1	7	5	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	20	7	f	D	D	D	D	D	D	D	5 440
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	13	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	6	3	3	647	16 193	532	1 053	11 270	37 062	39 764	76 342	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)
BEXAR													
31-33	Manufacturing	2	1 019	267	35 121	1 108 731	24 612	47 625	613 497	3 035 203	3 247 364	6 289 711	183 902
311	Food manufacturing	1	110	30	6 072	190 823	3 902	7 752	99 518	627 211	710 127	1 334 298	29 518
3115	Dairy product manufacturing	3	9	5	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	5	4	699	17 583	346	722	7 449	20 440	184 407	204 955	D
311511	Fluid milk manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	10	6	f	D	D	D	D	D	D	D	1 592
31161	Animal slaughtering and processing	—	10	6	f	D	D	D	D	D	D	D	1 592
3118	Bakeries and tortilla manufacturing	—	53	9	2 690	88 756	1 548	3 056	43 071	208 148	136 138	343 870	5 939
31181	Bread and bakery product manufacturing	—	43	8	h	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	8	4	g	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	1	19	4	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	3	8	6	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	3	6	4	1 215	44 275	344	671	10 196	270 435	270 931	539 929	12 642
31211	Soft drink and ice manufacturing	3	6	4	1 215	44 275	344	671	10 196	270 435	270 931	539 929	12 642
312111	Soft drink manufacturing	3	4	4	g	D	D	D	D	D	D	D	D
313	Textile mills	—	7	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	3	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	3	1	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	22	5	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	7	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	7	2	f	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	—	6	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	2	34	8	1 164	23 909	1 049	1 736	19 321	74 551	57 513	133 073	D
3152	Cut and sew apparel manufacturing	1	27	5	815	17 610	738	1 161	14 630	65 933	51 814	118 189	D
31522	Men's and boys' cut and sew apparel manufacturing	—	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
316	Leather and allied product manufacturing	9	6	4	g	D	D	D	D	D	D	D	D
3162	Footwear manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
31621	Footwear manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
316214	Women's footwear (except athletic) manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	35	9	1 259	31 196	1 079	1 936	24 009	44 530	73 274	118 060	2 213
3219	Other wood product manufacturing	4	30	7	974	24 705	843	1 493	19 513	37 638	48 788	86 584	D
323	Printing and related support activities	—	140	27	h	D	D	D	D	D	D	D	31 328
3231	Printing and related support activities	—	140	27	h	D	D	D	D	D	D	D	31 328
32311	Printing	—	133	26	h	D	D	D	D	D	D	D	31 190
323110	Commercial lithographic printing	1	54	11	f	D	D	D	D	D	D	D	D
323113	Commercial screen printing	—	21	4	f	D	D	D	D	D	D	D	D
323116	Manifold business forms printing	—	6	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	51	13	1 149	35 640	830	1 568	19 035	81 889	90 172	173 253	3 261
3261	Plastics product manufacturing	3	42	11	1 057	32 936	766	1 431	17 491	78 338	80 983	160 317	2 821
32619	Other plastics product manufacturing	3	31	8	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	3	29	7	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BEXAR—Con.													
327	Nonmetallic mineral product manufacturing	1	'54	23	'1 739	'51 998	'1 387	'3 066	'35 949	'176 829	'139 254	'318 005	'10 346
3273	Cement and concrete product manufacturing	—	'35	21	g	D	D	D	D	D	D	D	'9 598
32739	Other concrete product manufacturing	1	11	8	954	25 095	790	1 738	16 145	66 641	48 969	115 893	D
327390	Other concrete product manufacturing	1	11	8	954	25 095	790	1 738	16 145	66 641	48 969	115 893	D
332	Fabricated metal product manufacturing	2	'157	'31	'2 299	'68 244	'1 782	'3 056	'43 668	'148 167	'139 719	'287 282	'14 647
3323	Architectural and structural metals manufacturing	1	'67	'18	'1 211	'36 738	'889	'1 561	'22 405	'90 516	'106 146	'196 696	D
33231	Plate work and fabricated structural product manufacturing	1	'31	'9	'567	'17 884	'411	'701	'10 513	'46 634	'61 048	'108 028	D
332312	Fabricated structural metal manufacturing	1	'26	'8	'522	'16 245	'384	'658	'9 694	'40 308	'51 443	'92 129	'3 805
33232	Ornamental and architectural metal products manufacturing	1	36	9	644	18 854	478	860	11 892	43 882	45 098	88 668	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	44	7	594	15 701	512	703	11 309	31 708	14 887	46 174	D
333	Machinery manufacturing	—	44	19	2 504	84 650	1 721	3 158	45 368	186 012	234 292	429 100	5 132
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	'34	'11	g	D	D	D	D	D	D	D	'23 311
3344	Semiconductor and other electronic component manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	6	40	15	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	6	16	11	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	6	16	11	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	8	8	6	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	64	16	3 020	82 063	2 569	5 236	58 113	157 286	132 567	289 918	8 154
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	44	9	2 653	71 619	2 285	4 696	51 328	130 797	113 936	244 438	D
33711	Wood kitchen cabinet and countertop manufacturing	1	30	6	2 318	62 562	2 016	4 175	44 900	110 583	94 705	205 207	D
337110	Wood kitchen cabinet and countertop manufacturing ..	1	30	6	2 318	62 562	2 016	4 175	44 900	110 583	94 705	205 207	D
339	Miscellaneous manufacturing	4	'128	'23	'2 211	'69 510	'1 465	'2 729	'34 411	'164 333	'138 798	'306 987	'5 928
3391	Medical equipment and supplies manufacturing	6	58	8	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	6	58	8	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	'70	'15	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)				
BOWIE													
31-33	Manufacturing	1	70	22	3 264	132 279	2 463	4 818	87 083	465 661	531 535	978 514	25 805
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	5	13	3	f	D	D	D	D	D	D	D	617
3329	Other fabricated metal product manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
BRAZORIA													
31-33	Manufacturing	-	227	69	13 746	833 002	8 394	17 288	470 907	4 596 289	8 650 728	13 227 962	912 227
324	Petroleum and coal products manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	3	3	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	3	3	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	30	19	8 103	568 124	4 295	8 718	292 799	3 603 928	4 911 878	8 485 360	D
3251	Basic chemical manufacturing ...	-	14	8	2 753	174 532	1 635	3 545	95 119	1 400 918	2 365 222	3 764 341	D
32511	Petrochemical manufacturing ..	-	3	2	f	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	6	6	h	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	6	6	h	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	6	6	h	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	59	17	1 352	56 218	1 091	2 292	39 626	121 078	66 218	186 449	4 176
333	Machinery manufacturing	5	15	5	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	14	4	f	D	D	D	D	D	D	D	D
BRAZOS													
31-33	Manufacturing	2	112	36	4 897	138 618	3 756	7 121	83 253	339 367	314 677	653 623	14 573
311	Food manufacturing	1	7	4	1 784	36 579	1 580	2 913	27 438	84 250	121 093	204 663	1 851
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	24	7	946	28 941	675	1 322	18 422	67 106	54 241	122 692	D
337	Furniture and related product manufacturing	2	8	4	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	5	3	528	16 177	401	788	7 817	35 325	20 792	56 060	1 203
337110	Wood kitchen cabinet and countertop manufacturing ..	-	5	3	528	16 177	401	788	7 817	35 325	20 792	56 060	1 203

See footnotes at end of table.

Table 3. Industry Statistics for Counties: 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)				
BROWN													
31-33	Manufacturing	-	38	10	2 768	96 675	2 260	4 286	71 693	497 755	284 506	796 208	11 245
326	Plastics and rubber products manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	3	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326113	Un laminated plastics film and sheet (except packaging) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	-	1	1	f	D	D	D	D	D	D	D	D
BURNET													
31-33	Manufacturing	1	48	6	752	28 726	567	1 108	18 161	58 114	57 267	117 240	D
CALHOUN													
31-33	Manufacturing	-	22	7	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	f	D	D	D	D	D	D	D	D
331311	Alumina refining	-	1	1	f	D	D	D	D	D	D	D	D
CAMERON													
31-33	Manufacturing	1	242	62	9 678	236 503	7 421	12 917	170 531	758 186	881 567	1 607 683	117 015
311	Food manufacturing	-	51	10	1 798	37 235	1 031	1 866	21 235	141 097	150 513	279 531	4 889
3113	Sugar and confectionery product manufacturing	-	3	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
3117	Seafood product preparation and packaging	-	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
31171	Seafood product preparation and packaging	-	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
311712	Fresh and frozen seafood processing	-	6	4	744	12 482	518	792	6 433	35 975	72 901	108 876	1 778
313	Textile mills	-	3	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	1	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	1	1	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	9	5	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	6	12	8	613	16 402	473	933	9 906	60 469	86 304	147 417	1 835

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)				
CAMERON—Con.													
332	Fabricated metal product manufacturing	-	31	5	932	28 969	604	1 347	23 009	125 000	81 932	158 364	D
3323	Architectural and structural metals manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	21	8	1 676	47 350	1 346	2 281	38 770	52 683	79 943	151 913	6 858
3363	Motor vehicle parts manufacturing	1	9	5	g	D	D	D	D	D	D	D	5 403
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CASS													
31-33	Manufacturing	1	24	7	520	11 709	451	722	8 787	27 691	36 679	63 825	D
CHAMBERS													
31-33	Manufacturing	-	15	7	f	D	D	D	D	D	D	D	D
CHEROKEE													
31-33	Manufacturing	1	82	37	2 911	78 187	2 346	4 702	51 505	198 626	207 070	405 247	16 379
321	Wood product manufacturing	-	18	8	607	11 551	559	1 176	9 523	21 113	39 543	59 552	1 520
3219	Other wood product manufacturing	-	10	6	f	D	D	D	D	D	D	D	1 137
339	Miscellaneous manufacturing	7	6	3	f	D	D	D	D	D	D	D	D
COLLIN													
31-33	Manufacturing	1	404	122	21 271	921 592	9 584	18 657	331 691	2 001 275	2 277 223	4 459 062	168 177
311	Food manufacturing	-	16	4	547	13 709	362	756	7 695	35 470	39 962	75 468	677
327	Nonmetallic mineral product manufacturing	3	20	9	599	21 790	471	1 019	15 489	53 244	74 349	128 261	3 219
332	Fabricated metal product manufacturing	2	53	14	1 277	49 393	901	1 861	28 569	167 554	140 812	315 598	9 821
333	Machinery manufacturing	4	29	7	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	5	8	2	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	5	7	2	f	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing	5	5	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	72	39	11 793	567 439	3 358	6 747	152 017	1 158 180	947 113	2 249 170	D
3342	Communications equipment manufacturing	-	17	14	i	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	-	9	7	4 685	132 309	685	1 302	28 311	602 083	322 815	798 238	D
334210	Telephone apparatus manufacturing	-	9	7	4 685	132 309	685	1 302	28 311	602 083	322 815	798 238	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	27	17	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	1	27	17	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	2	9	6	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	-	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
COLLIN—Con.													
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	14	5	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	14	5	h	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	3	h	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	10	5	1 003	31 286	745	1 616	20 558	116 620	226 479	345 759	D
3359	Other electrical equipment and component manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	—	3	3	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	—	3	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	16	7	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	7	3	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	28	7	703	18 410	521	1 069	12 095	43 964	35 623	79 730	1 407
339	Miscellaneous manufacturing	4	43	5	623	27 451	278	528	6 848	75 553	23 510	103 110	D
COLORADO													
31-33	Manufacturing	2	32	6	512	15 829	377	773	10 136	43 033	61 901	102 962	3 127
COMAL													
31-33	Manufacturing	2	101	29	3 272	99 993	2 178	4 452	54 097	336 585	262 706	611 249	35 052
COOKE													
31-33	Manufacturing	1	67	20	4 399	134 483	3 736	8 449	95 391	265 807	233 395	501 013	23 604
332	Fabricated metal product manufacturing	—	19	2	2 123	46 603	1 895	3 999	30 818	103 199	49 690	154 029	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	10	1	g	D	D	D	D	D	D	D	D
33271	Machine shops	—	10	1	g	D	D	D	D	D	D	D	D
332710	Machine shops	—	10	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing . . .	—	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing . .	—	1	1	f	D	D	D	D	D	D	D	D
DALLAS													
31-33	Manufacturing	1	2 982	968	137 547	5 796 863	86 494	170 697	2 738 264	16 691 677	16 092 941	32 530 817	1 181 795
311	Food manufacturing	1	177	60	11 161	363 351	7 369	14 499	206 953	2 881 454	1 534 483	4 418 590	D
3115	Dairy product manufacturing	1	8	5	1 808	70 854	699	1 530	25 454	305 508	380 638	690 687	D
31151	Dairy product (except frozen) manufacturing	1	6	5	g	D	D	D	D	D	D	D	9 864
311511	Fluid milk manufacturing	1	5	5	g	D	D	D	D	D	D	D	9 864
3116	Animal slaughtering and processing	4	17	9	2 113	49 542	1 695	3 240	35 387	146 483	261 272	411 414	D
31161	Animal slaughtering and processing	4	17	9	2 113	49 542	1 695	3 240	35 387	146 483	261 272	411 414	D
311611	Animal (except poultry) slaughtering	4	6	3	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	4	3	f	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DALLAS—Con.													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	2	85	21	3 893	129 225	2 430	4 786	69 295	336 788	283 319	619 375	D
31181	Bread and bakery product manufacturing	2	64	10	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	24	7	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	2	14	6	f	D	D	D	D	D	D	D	D
311822	Flour mixes and dough manufacturing from purchased flour	1	9	5	f	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	2	7	5	691	17 956	609	1 023	14 154	66 959	32 776	99 659	1 408
311830	Tortilla manufacturing	2	7	5	691	17 956	609	1 023	14 154	66 959	32 776	99 659	1 408
3119	Other food manufacturing	—	47	21	2 965	104 964	2 235	4 448	70 533	2 062 367	583 527	2 641 094	D
31191	Snack food manufacturing	—	9	5	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	1	13	9	g	D	D	D	D	D	D	D	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	14	8	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	14	8	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	12	8	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	6	5	g	D	D	D	D	D	D	D	D
314	Textile product mills	'3	'77	'25	g	D	D	D	D	D	D	D	'2 274
3141	Textile furnishings mills	1	'39	'12	g	D	D	D	D	D	D	D	'1 115
31412	Curtain and linen mills	1	'35	'11	g	D	D	D	D	D	D	D	'1 102
314129	Other household textile product mills	'1	'17	'8	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	5	38	13	f	D	D	D	D	D	D	D	1 159
31499	All other textile product mills	4	27	11	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	4	27	11	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	'138	'34	'2 932	'71 890	'2 219	'3 969	'36 951	'168 725	'151 787	'319 313	'2 745
3152	Cut and sew apparel manufacturing	4	'115	'30	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	'5	'76	'12	f	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	'6	'62	'10	f	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	5	21	10	860	33 760	579	911	10 863	85 770	97 242	183 766	D
3159	Apparel accessories and other apparel manufacturing	—	20	4	f	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	—	20	4	f	D	D	D	D	D	D	D	D
315991	Hat, cap, and millinery manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	72	29	2 914	81 048	2 395	5 181	54 552	188 772	215 669	401 620	5 961
3219	Other wood product manufacturing	2	62	25	g	D	D	D	D	D	D	D	D
32191	Millwork	1	27	11	1 378	37 696	1 166	2 598	26 838	77 268	79 103	155 426	2 610
321911	Wood window and door manufacturing	—	9	4	992	28 604	836	1 941	20 096	59 523	50 065	109 102	1 240
32199	All other wood product manufacturing	2	21	8	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	66	41	4 307	161 032	3 346	6 972	108 327	411 819	509 128	905 712	17 159
3222	Converted paper product manufacturing	1	64	39	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	29	20	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	2	23	15	g	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	14	9	f	D	D	D	D	D	D	D	D
322232	Envelope manufacturing	1	9	6	f	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
DALLAS—Con.													
323	Printing and related support activities	2	'544	'116	'11 992	'459 799	'8 355	'15 858	'260 813	'1 094 133	'740 959	'1 849 744	'50 899
3231	Printing and related support activities	2	'544	'116	'11 992	'459 799	'8 355	'15 858	'260 813	'1 094 133	'740 959	'1 849 744	'50 899
32311	Printing	1	'492	'100	j	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	227	54	6 802	278 936	4 708	9 075	154 329	657 156	391 806	1 053 122	32 306
323113	Commercial screen printing ..	3	69	11	826	24 644	635	1 160	14 256	41 923	35 250	79 014	D
323114	Quick printing	3	103	9	707	21 988	460	831	11 675	55 910	16 073	71 937	1 498
323115	Digital printing	1	17	6	f	D	D	D	D	D	D	D	D
323116	Manifold business forms printing	—	15	9	f	D	D	D	D	D	D	D	D
323117	Books printing	—	9	2	799	26 958	626	1 270	18 809	50 885	32 493	84 399	1 934
32312	Support activities for printing...	4	52	16	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	17	8	769	32 505	564	1 079	23 332	130 886	218 159	349 333	D
3241	Petroleum and coal products manufacturing	—	17	8	769	32 505	564	1 079	23 332	130 886	218 159	349 333	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	11	5	660	26 569	505	957	20 893	115 178	197 993	312 937	D
324122	Asphalt shingle and coating materials manufacturing ...	—	6	4	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	133	56	5 420	220 152	3 373	6 821	111 352	2 093 219	1 423 593	3 500 679	93 476
3255	Paint, coating, and adhesive manufacturing	—	27	13	1 502	61 895	1 021	2 145	34 386	553 638	734 688	1 287 693	48 027
32551	Paint and coating manufacturing	—	16	7	g	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	—	16	7	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	45	18	2 496	93 426	1 512	2 914	44 304	1 365 840	453 098	1 803 472	D
32561	Soap and cleaning compound manufacturing	—	25	8	f	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	—	16	6	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	20	10	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	20	10	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	2	29	12	747	33 210	419	863	15 600	99 086	98 518	196 410	D
32599	All other chemical product and preparation manufacturing ...	2	19	7	532	23 895	295	625	10 683	68 631	68 989	136 126	D
326	Plastics and rubber products manufacturing	1	121	55	6 319	214 451	4 990	10 584	146 546	613 148	586 267	1 189 600	48 238
3261	Plastics product manufacturing ..	1	103	46	5 501	193 235	4 327	9 198	131 313	575 993	535 648	1 102 764	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	1	20	13	h	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	1	9	6	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	46	18	1 562	48 055	1 235	2 513	30 646	129 225	102 014	230 310	D
326199	All other plastics product manufacturing	1	41	15	1 324	40 799	1 053	2 162	25 269	102 283	90 141	191 357	D
3262	Rubber product manufacturing ...	1	18	9	818	21 216	663	1 386	15 233	37 155	50 619	86 836	D
32629	Other rubber product manufacturing	2	8	4	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	1	6	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	84	32	3 804	131 421	3 145	6 550	96 359	390 307	354 496	743 012	D
3271	Clay product and refractory manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
327122	Ceramic wall and floor tile manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	3	38	21	2 195	79 533	1 795	3 850	58 554	221 473	228 616	450 659	D
32732	Ready-mix concrete manufacturing	4	21	9	1 187	46 346	1 000	2 175	36 177	109 056	173 577	282 693	D
327320	Ready-mix concrete manufacturing	4	21	9	1 187	46 346	1 000	2 175	36 177	109 056	173 577	282 693	D
32733	Concrete pipe, brick, and block manufacturing	—	7	6	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)				
DALLAS—Con.													
331	Primary metal manufacturing	1	32	7	1 680	56 827	1 373	3 068	36 695	137 570	131 645	268 513	D
3313	Alumina and aluminum production and processing	—	3	1	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	3	1	f	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3315	Foundries	—	13	4	799	25 254	679	1 492	18 202	54 271	22 401	75 973	D
33151	Ferrous metal foundries	—	7	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	'1	460	152	'14 841	'481 429	'11 429	'22 149	'310 160	'1 139 486	'899 399	'2 033 820	'51 624
3322	Cutlery and handtool manufacturing	—	14	4	911	29 125	782	1 366	22 476	105 977	61 798	163 623	D
33221	Cutlery and handtool manufacturing	—	14	4	911	29 125	782	1 366	22 476	105 977	61 798	163 623	D
332212	Hand and edge tool manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	'158	'65	'7 569	'229 728	'5 757	'11 369	'142 709	'489 320	'467 202	'955 241	'22 386
33231	Plate work and fabricated structural product manufacturing	4	39	14	898	32 228	612	1 142	16 230	76 400	73 881	149 513	5 310
332312	Fabricated structural metal manufacturing	2	21	8	563	20 175	377	659	9 158	44 409	38 644	82 023	D
33232	Ornamental and architectural metal products manufacturing	'1	'119	'51	'6 671	'197 500	'5 145	'10 227	'126 479	'412 920	'393 321	'805 728	'17 076
332321	Metal window and door manufacturing	'1	'21	'13	'3 168	'86 399	'2 495	'4 715	'56 445	'193 494	'180 148	'373 584	D
332322	Sheet metal work manufacturing	2	'69	'30	'3 077	'94 873	'2 348	'4 920	'60 837	'184 568	'189 982	'374 971	'10 012
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	143	29	1 845	70 099	1 398	2 744	45 530	147 618	55 792	201 694	8 074
33271	Machine shops	3	127	23	1 473	56 684	1 102	2 146	36 133	116 716	46 717	162 694	7 172
332710	Machine shops	3	127	23	1 473	56 684	1 102	2 146	36 133	116 716	46 717	162 694	7 172
3328	Coating, engraving, heat treating, and allied activities	2	62	14	969	30 205	736	1 505	18 409	55 090	17 764	71 101	1 710
33281	Coating, engraving, heat treating, and allied activities ..	2	62	14	969	30 205	736	1 505	18 409	55 090	17 764	71 101	1 710
332813	Electroplating, plating, polishing, anodizing, and coloring	1	31	8	579	17 762	454	965	10 869	32 079	9 666	39 630	856
3329	Other fabricated metal product manufacturing	—	29	13	2 108	71 685	1 627	2 891	47 370	216 814	150 357	371 086	9 969
33291	Metal valve manufacturing	—	8	6	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	21	7	g	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	175	64	7 940	318 485	5 096	9 971	160 610	792 718	712 705	1 501 399	38 078
3331	Agriculture, construction, and mining machinery manufacturing	—	18	6	1 471	72 817	886	1 633	37 797	152 680	180 370	334 108	D
33313	Mining and oil and gas field machinery manufacturing	—	12	5	1 340	67 351	800	1 456	34 802	141 406	163 613	306 061	D
333132	Oil and gas field machinery and equipment manufacturing	—	9	5	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	3	37	10	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	3	32	10	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	3	21	7	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	3	21	7	f	D	D	D	D	D	D	D	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)
DALLAS—Con.													
333 3334	Machinery manufacturing—Con. Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	27	13	1 841	50 572	1 393	2 912	32 268	144 190	115 490	260 875	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	27	13	1 841	50 572	1 393	2 912	32 268	144 190	115 490	260 875	D
333411	Air purification equipment manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	14	6	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	4	46	20	g	D	D	D	D	D	D	D	16 361
33392	Material handling equipment manufacturing	1	10	6	g	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	—	4	3	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	1	34	12	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	16	6	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	241	102	32 598	1 865 369	12 037	23 226	433 085	3 660 164	5 561 004	9 145 000	630 103
3342	Communications equipment manufacturing	2	37	16	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	2	16	9	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	2	16	9	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	102	49	j	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	102	49	j	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	4	23	10	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	25	12	j	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	19	13	g	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	3	27	12	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	60	26	10 539	550 271	5 256	9 685	198 881	1 148 551	826 718	1 957 628	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	60	26	10 539	550 271	5 256	9 685	198 881	1 148 551	826 718	1 957 628	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	12	9	i	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	11	3	f	D	D	D	D	D	D	D	D
334516	Analytical laboratory instrument manufacturing ..	—	5	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	69	28	2 521	89 716	1 570	3 166	41 375	199 073	204 404	405 124	D
3351	Electric lighting equipment manufacturing	3	22	9	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	3	22	9	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	19	8	910	35 163	584	1 101	17 210	78 686	79 757	158 084	3 966
33531	Electrical equipment manufacturing	—	19	8	910	35 163	584	1 101	17 210	78 686	79 757	158 084	3 966
335313	Switchgear and switchboard apparatus manufacturing ...	—	4	3	601	20 704	420	772	12 100	50 534	56 794	107 134	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)	
DALLAS—Con.														
335	Electrical equipment, appliance, and component manufacturing—Con.													
3359	Other electrical equipment and component manufacturing	4	27	10	g	D	D	D	D	D	D	D		
33599	All other electrical equipment and component manufacturing	6	18	5	f	D	D	D	D	D	D	D		
335999	All other miscellaneous electrical equipment and component manufacturing	6	18	5	f	D	D	D	D	D	D	D		
336	Transportation equipment manufacturing	—	81	36		12 292	741 609	8 086	15 399	442 280	1 473 520	1 558 639	2 890 509	67 343
3363	Motor vehicle parts manufacturing	1	41	19	g	D	D	D	D	D	D	D	D	
33631	Motor vehicle gasoline engine and engine parts manufacturing	1	10	4	f	D	D	D	D	D	D	D	D	
336312	Gasoline engine and engine parts manufacturing	1	9	4	f	D	D	D	D	D	D	D	D	
3364	Aerospace product and parts manufacturing	—	25	14		9 520	627 924	6 002	11 187	378 396	1 208 260	734 598	1 801 537	D
33641	Aerospace product and parts manufacturing	—	25	14		9 520	627 924	6 002	11 187	378 396	1 208 260	734 598	1 801 537	D
336411	Aircraft manufacturing	—	5	3	g	D	D	D	D	D	D	D	D	
336412	Aircraft engine and engine parts manufacturing	—	7	4	f	D	D	D	D	D	D	D	D	
336413	Other aircraft parts and auxiliary equipment manufacturing	—	11	5	h	D	D	D	D	D	D	D	D	
336414	Guided missile and space vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing	2	149	50		5 824	175 436	4 485	9 475	108 785	442 633	325 103	772 695	14 558
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	106	30		4 230	122 609	3 381	7 151	80 799	313 089	233 835	550 418	7 962
33711	Wood kitchen cabinet and countertop manufacturing	—	47	17		2 617	74 536	2 097	4 623	50 770	113 962	111 754	225 564	4 465
337110	Wood kitchen cabinet and countertop manufacturing	—	47	17		2 617	74 536	2 097	4 623	50 770	113 962	111 754	225 564	4 465
33712	Household and institutional furniture manufacturing	3	59	13		1 613	48 073	1 284	2 528	30 029	199 127	122 081	324 854	3 497
337121	Upholstered household furniture manufacturing	1	19	8		1 065	32 142	867	1 733	20 271	114 388	69 771	186 235	D
3372	Office furniture (including fixtures) manufacturing	1	29	14	g	D	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	1	29	14	g	D	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	2	18	9		600	18 066	446	898	10 857	44 121	35 604	80 800	D
3379	Other furniture related product manufacturing	—	14	6	f	D	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	'304	'59		'6 125	'197 001	'4 160	'7 523	'105 596	'527 828	'344 417	'871 994	D
3391	Medical equipment and supplies manufacturing	8	82	12		1 795	65 161	1 269	2 429	33 750	190 174	91 666	281 210	D
33911	Medical equipment and supplies manufacturing	8	82	12		1 795	65 161	1 269	2 429	33 750	190 174	91 666	281 210	D
339115	Ophthalmic goods manufacturing	9	8	3	f	D	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	'222	'47		'4 330	'131 840	'2 891	'5 094	'71 846	'337 654	'252 751	'590 784	D
33992	Sporting and athletic goods manufacturing	—	20	4	g	D	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	—	20	4	g	D	D	D	D	D	D	D	D	D
33995	Sign manufacturing	3	'89	'17		'1 322	'40 616	'884	'1 691	'22 000	'103 043	'60 869	'162 697	'2 138
339950	Sign manufacturing	3	'89	'17		'1 322	'40 616	'884	'1 691	'22 000	'103 043	'60 869	'162 697	'2 138
33999	All other miscellaneous manufacturing	2	69	17	g	D	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	56	14		1 277	37 764	1 024	1 341	24 523	128 674	37 352	165 906	D
DEAF SMITH														
31-33	Manufacturing	1	26	9		701	24 316	550	1 202	17 463	105 696	196 715	303 434	3 564
311	Food manufacturing	—	11	6		541	19 443	433	966	14 497	95 209	189 325	285 180	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)				
DENTON													
31-33	Manufacturing	2	351	89	11 643	418 682	8 793	16 721	269 552	1 165 937	1 556 111	2 690 448	46 266
326	Plastics and rubber products manufacturing	3	19	7	503	15 734	387	799	10 288	30 812	36 020	66 489	D
327	Nonmetallic mineral product manufacturing	2	25	13	870	28 598	726	1 486	22 063	95 496	70 150	165 849	4 509
3273	Cement and concrete product manufacturing	3	18	10	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	50	17	1 761	50 523	1 381	2 370	33 183	107 991	83 453	191 636	4 812
333	Machinery manufacturing	6	27	6	819	34 352	525	1 120	19 178	155 347	67 985	198 449	3 032
3339	Other general purpose machinery manufacturing	9	9	3	516	20 664	350	770	13 374	81 562	40 662	122 064	D
336	Transportation equipment manufacturing	1	18	7	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	7	9	4	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	7	9	4	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	8	6	3	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	39	7	742	20 928	569	1 094	13 083	47 863	28 966	76 881	1 432
339	Miscellaneous manufacturing	-	32	8	1 461	36 695	1 128	1 975	20 740	138 541	65 296	203 869	3 296
3391	Medical equipment and supplies manufacturing	-	14	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	14	3	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	18	5	f	D	D	D	D	D	D	D	D
33991	Jewelry and silverware manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
DEWITT													
31-33	Manufacturing	1	27	10	847	23 230	718	1 423	18 101	71 082	42 604	114 257	1 524
EASTLAND													
31-33	Manufacturing	1	31	10	848	28 071	647	1 264	16 632	52 172	57 931	110 002	D
ECTOR													
31-33	Manufacturing	1	224	45	4 101	163 636	2 697	5 482	91 920	554 909	445 084	1 005 901	20 637
325	Chemical manufacturing	-	9	4	774	43 181	341	765	20 108	262 409	224 039	505 026	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	92	17	1 317	50 237	938	1 815	30 376	111 118	69 951	178 195	5 305
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	55	8	f	D	D	D	D	D	D	D	D
33271	Machine shops	3	53	8	525	18 942	370	656	12 221	38 089	17 304	55 718	1 604
332710	Machine shops	3	53	8	525	18 942	370	656	12 221	38 089	17 304	55 718	1 604
333	Machinery manufacturing	2	42	17	949	36 364	638	1 346	20 195	83 032	71 325	151 002	4 082

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)				
ELLIS													
31-33	Manufacturing	-	170	70	9 258	328 294	7 317	15 029	230 546	1 216 685	1 482 700	2 683 843	135 369
326	Plastics and rubber products manufacturing	-	18	11	2 055	57 438	1 890	3 917	49 459	164 136	262 188	417 884	34 265
3261	Plastics product manufacturing ..	-	16	11	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	1	2	2	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	1	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	6	5	1 069	25 539	999	2 067	21 844	65 553	146 152	207 514	D
326199	All other plastics product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	19	12	1 583	69 997	1 167	2 572	48 801	451 145	268 904	719 642	34 218
3273	Cement and concrete product manufacturing	-	9	5	665	31 359	546	1 226	24 953	233 893	137 156	367 928	18 775
32731	Cement manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
327310	Cement manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	26	7	1 095	30 694	879	1 549	20 779	119 859	102 274	221 787	5 278
3323	Architectural and structural metals manufacturing	2	10	4	538	15 858	399	586	9 079	33 283	55 418	88 822	1 926
337	Furniture and related product manufacturing	-	13	6	528	16 419	448	822	12 032	27 517	15 174	42 240	2 104
EL PASO													
31-33	Manufacturing	1	643	190	27 796	749 987	21 763	40 279	494 717	3 165 254	5 083 934	8 216 226	204 631
311	Food manufacturing	3	63	15	1 445	43 802	966	1 993	22 778	134 939	220 674	354 496	D
3118	Bakeries and tortilla manufacturing	-	36	5	516	15 643	319	584	8 176	49 802	19 834	69 607	D
313	Textile mills	2	14	6	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	2	7	3	675	14 817	527	1 008	10 827	82 634	65 623	151 653	3 207
31331	Textile and fabric finishing mills	2	6	3	f	D	D	D	D	D	D	D	3 207
313311	Broadwoven fabric finishing mills	9	3	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	2	44	20	5 722	123 954	4 998	9 314	102 083	659 877	695 193	1 417 084	8 876
3152	Cut and sew apparel manufacturing	2	38	20	i	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	2	14	10	3 924	92 740	3 270	5 875	73 212	490 821	562 034	1 113 283	8 191
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	-	10	8	h	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	5	25	5	886	19 334	709	1 358	11 892	47 124	51 289	96 000	D
3162	Footwear manufacturing	5	15	4	799	17 770	635	1 210	10 804	44 649	49 319	91 524	D
31621	Footwear manufacturing	5	15	4	799	17 770	635	1 210	10 804	44 649	49 319	91 524	D
316213	Men's footwear (except athletic) manufacturing	5	11	3	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)				
EL PASO—Con.													
322	Paper manufacturing	—	17	10	952	28 052	748	1 376	15 452	128 302	120 815	248 028	4 241
3222	Converted paper product manufacturing	—	17	10	952	28 052	748	1 376	15 452	128 302	120 815	248 028	4 241
32221	Paperboard container manufacturing	—	15	8	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	11	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	70	9	921	22 065	753	1 415	14 514	38 555	24 105	62 673	4 016
3231	Printing and related support activities	3	70	9	921	22 065	753	1 415	14 514	38 555	24 105	62 673	4 016
32311	Printing	2	65	8	612	17 026	453	895	9 785	32 825	23 684	56 456	D
326	Plastics and rubber products manufacturing	—	33	23	4 858	133 638	3 836	5 679	92 916	250 520	283 798	534 752	46 368
3261	Plastics product manufacturing ..	—	30	22	h	D	D	D	D	D	D	D	46 181
32619	Other plastics product manufacturing	—	21	16	4 051	114 074	3 253	4 493	79 806	188 252	236 779	424 304	26 893
326199	All other plastics product manufacturing	—	20	16	h	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	5	28	7	567	18 129	473	990	13 560	74 630	75 087	150 792	7 161
331	Primary metal manufacturing	—	13	10	g	D	D	D	D	D	D	D	7 443
3314	Nonferrous metal (except aluminum) production and processing	—	7	6	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	6	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	90	16	1 498	43 426	1 229	2 473	31 064	89 684	91 251	182 755	9 935
3323	Architectural and structural metals manufacturing	5	22	5	696	17 952	574	1 138	12 544	46 805	43 672	91 766	4 302
334	Computer and electronic product manufacturing	2	23	11	2 019	55 466	1 393	2 321	25 988	210 041	201 936	412 777	20 600
3344	Semiconductor and other electronic component manufacturing	—	11	4	741	20 902	491	916	7 746	105 668	127 588	232 304	4 404
33441	Semiconductor and other electronic component manufacturing	—	11	4	741	20 902	491	916	7 746	105 668	127 588	232 304	4 404
334413	Semiconductor and related device manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	9	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	9	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	9	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	20	11	2 258	65 819	1 831	4 097	44 264	492 071	558 782	1 043 043	D
3352	Household appliance manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	15	6	775	19 941	522	943	12 309	298 847	395 573	613 785	15 506
3363	Motor vehicle parts manufacturing	—	12	5	741	18 383	500	893	11 186	225 581	209 921	434 385	15 448
33632	Motor vehicle electrical and electronic equipment manufacturing	—	7	4	672	16 365	442	792	9 797	221 357	207 651	427 889	15 355
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	7	4	672	16 365	442	792	9 797	221 357	207 651	427 889	15 355
337	Furniture and related product manufacturing	1	34	5	593	11 895	434	832	7 722	29 785	22 507	52 233	1 030
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	31	5	581	11 490	425	813	7 495	28 968	21 677	50 586	1 013

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)				
EL PASO—Con.													
339	Miscellaneous manufacturing	4	57	14	1 142	33 731	841	1 589	15 686	128 785	74 687	202 457	5 116
3391	Medical equipment and supplies manufacturing	5	21	6	654	24 166	453	852	10 071	77 582	39 205	117 079	4 104
33911	Medical equipment and supplies manufacturing	5	21	6	654	24 166	453	852	10 071	77 582	39 205	117 079	4 104
ERATH													
31-33	Manufacturing	—	41	10	1 636	50 959	1 192	2 249	28 445	194 646	121 756	311 918	15 570
327	Nonmetallic mineral product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
FANNIN													
31-33	Manufacturing	—	35	9	996	30 611	773	1 652	20 923	85 474	167 038	256 113	4 910
FAYETTE													
31-33	Manufacturing	1	49	14	1 081	29 584	888	1 798	19 520	65 901	121 082	186 696	4 181
FORT BEND													
31-33	Manufacturing	1	307	91	10 675	457 092	6 585	13 815	222 644	1 249 654	1 373 865	2 620 576	133 292
311	Food manufacturing	—	19	5	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	19	8	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	—	13	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	81	25	2 195	96 199	1 572	3 371	63 125	242 496	210 654	456 175	8 864
3324	Boiler, tank, and shipping container manufacturing	—	5	3	502	23 166	422	982	19 185	74 053	104 951	181 547	1 684
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	37	9	536	23 735	396	696	14 920	39 261	22 569	62 539	2 450
3329	Other fabricated metal product manufacturing	1	10	6	711	32 574	429	990	17 656	99 717	56 821	156 423	2 900
33291	Metal valve manufacturing	1	6	4	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	24	8	f	D	D	D	D	D	D	D	3 608
334	Computer and electronic product manufacturing	1	36	15	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	12	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	12	4	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	5	21	10	908	40 971	524	1 093	19 243	87 319	64 820	147 840	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	5	21	10	908	40 971	524	1 093	19 243	87 319	64 820	147 840	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)				
GALVESTON													
31-33	Manufacturing	-	176	38	6 762	423 170	4 369	8 927	218 720	1 010 084	6 916 687	7 859 473	458 730
324	Petroleum and coal products manufacturing	-	7	5	h	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	7	5	h	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	5	5	h	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	5	5	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	14	6	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	9	6	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
325192	Cyclic crude and intermediate manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	7	47	16	1 110	44 709	834	1 684	29 043	87 138	74 247	161 761	D
3323	Architectural and structural metals manufacturing	8	17	8	546	21 873	394	811	13 065	42 587	43 960	86 610	D
33231	Plate work and fabricated structural product manufacturing	9	12	7	f	D	D	D	D	D	D	D	D
GONZALES													
31-33	Manufacturing	1	20	6	1 131	26 494	919	1 922	17 474	53 755	145 609	196 624	3 468
311	Food manufacturing	-	13	5	1 026	22 830	834	1 755	14 963	47 015	140 345	184 549	3 272
3116	Animal slaughtering and processing	-	6	3	913	19 425	740	1 559	12 451	32 340	64 716	94 547	D
31161	Animal slaughtering and processing	-	6	3	913	19 425	740	1 559	12 451	32 340	64 716	94 547	D
311615	Poultry processing	-	4	2	f	D	D	D	D	D	D	D	D
GRAY													
31-33	Manufacturing	-	21	6	942	49 598	644	1 390	29 275	189 828	216 238	408 609	D
GRAYSON													
31-33	Manufacturing	-	132	40	7 807	329 140	5 779	12 187	202 312	1 614 367	1 066 498	2 678 506	89 969
326	Plastics and rubber products manufacturing	-	7	6	770	27 818	664	1 517	21 735	112 823	149 934	261 841	4 216
3261	Plastics product manufacturing ..	-	6	5	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	5	4	651	21 912	516	1 050	15 430	56 133	83 179	138 037	2 766
332	Fabricated metal product manufacturing	-	39	7	1 524	57 704	1 283	2 751	45 094	262 027	131 196	393 009	22 676
3329	Other fabricated metal product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	2	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
339	Miscellaneous manufacturing	-	8	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GREGG													
31-33	Manufacturing	-	208	75	10 203	408 390	7 552	15 841	253 608	1 308 911	1 506 837	2 806 495	80 959
325	Chemical manufacturing	-	11	3	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	10	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	2	9	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	60	25	1 782	67 331	1 382	2 929	44 494	170 682	189 300	360 986	D
333	Machinery manufacturing	1	25	14	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	3	11	7	512	17 943	362	650	11 159	28 644	47 820	78 430	1 455
334	Computer and electronic product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	14	8	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
GRIMES													
31-33	Manufacturing	1	24	10	1 559	51 008	1 344	2 801	40 312	188 015	184 149	379 521	12 199
332	Fabricated metal product manufacturing	1	11	5	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GUADALUPE													
31-33	Manufacturing	-	100	36	5 224	174 901	3 955	7 985	113 739	685 248	862 570	1 547 436	45 522
311	Food manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	12	7	500	19 127	348	716	12 574	57 621	46 296	103 745	D
331	Primary metal manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
HALE													
31-33	Manufacturing	-	28	11	h	D	D	D	D	D	D	D	12 828
311	Food manufacturing	-	8	6	g	D	D	D	D	D	D	D	11 868
3116	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
HARDIN													
31-33	Manufacturing	-	30	10	862	28 792	692	1 550	20 388	76 811	105 857	182 835	2 617
321	Wood product manufacturing	-	9	6	582	19 067	477	1 130	14 078	52 573	71 482	124 388	D
HARRIS													
31-33	Manufacturing	-	4 224	1 357	150 643	6 516 534	100 253	204 776	3 640 565	25 231 576	41 810 983	67 059 703	2 415 591
311	Food manufacturing	1	259	58	9 718	288 532	7 020	14 709	181 497	1 017 909	1 128 766	2 142 538	D
3114	Fruit and vegetable preserving and specialty food manufacturing	1	16	4	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	1	9	4	1 552	37 595	1 445	3 262	32 452	95 874	49 476	145 350	D
311412	Frozen specialty food manufacturing	1	9	4	1 552	37 595	1 445	3 262	32 452	95 874	49 476	145 350	D
3115	Dairy product manufacturing	-	12	4	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	27	13	2 644	71 828	2 156	4 585	47 632	192 919	358 779	547 849	D
31161	Animal slaughtering and processing	-	27	13	2 644	71 828	2 156	4 585	47 632	192 919	358 779	547 849	D
311612	Meat processed from carcasses	-	11	6	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	4	4	692	15 162	611	1 221	11 558	70 264	67 260	137 058	2 203
3118	Bakeries and tortilla manufacturing	2	142	23	h	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	2	124	17	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	91	9	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	30	7	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	2	48	11	g	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing	1	9	3	741	35 254	569	1 138	24 054	210 873	174 305	387 207	10 419
311920	Coffee and tea manufacturing	1	9	3	741	35 254	569	1 138	24 054	210 873	174 305	387 207	10 419
31199	All other food manufacturing	3	32	5	679	23 289	548	1 197	16 287	86 657	65 677	152 288	D
312	Beverage and tobacco product manufacturing	-	14	10	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	13	10	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	11	9	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
31212	Breweries	-	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	-	2	1	f	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HARRIS—Con.													
314	Textile product mills	3	89	19	g	D	D	D	D	D	D	D	1 312
3149	Other textile product mills	3	54	15	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	4	64	7	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	4	54	6	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	101	29	h	D	D	D	D	D	D	D	8 017
3219	Other wood product manufacturing	5	85	24	g	D	D	D	D	D	D	D	D
32191	Millwork	7	42	12	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	2	22	6	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	40	25	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	5	5	925	43 864	726	1 375	30 575	129 995	172 814	307 783	3 528
32212	Paper mills	—	3	3	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	35	20	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	2	16	11	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	2	15	11	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	460	72	i	D	D	D	D	D	D	D	22 553
3231	Printing and related support activities	2	460	72	i	D	D	D	D	D	D	D	22 553
32311	Printing	2	421	64	i	D	D	D	D	D	D	D	21 006
323110	Commercial lithographic printing	2	197	41	h	D	D	D	D	D	D	D	D
323113	Commercial screen printing	3	55	8	f	D	D	D	D	D	D	D	D
32312	Support activities for printing	2	39	8	f	D	D	D	D	D	D	D	1 547
324	Petroleum and coal products manufacturing	—	40	19	5 314	367 149	3 184	7 173	210 220	2 498 152	13 207 891	15 604 928	D
3241	Petroleum and coal products manufacturing	—	40	19	5 314	367 149	3 184	7 173	210 220	2 498 152	13 207 891	15 604 928	D
32411	Petroleum refineries	—	8	7	h	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	8	7	h	D	D	D	D	D	D	D	D
32419	Other petroleum and coal products manufacturing	—	24	8	f	D	D	D	D	D	D	D	D
324191	Petroleum lubricating oil and grease manufacturing	—	22	7	D	D	D	D	D	D	D	D	D
325	Chemical manufacturing	304	161	25 540	1 601 308	14 605	32 808	889 483	10 671 120	17 997 617	28 678 114	1 027 282	
3251	Basic chemical manufacturing	107	70	16 255	1 083 097	8 937	20 822	593 817	8 293 657	12 621 339	20 940 627	D	
32511	Petrochemical manufacturing	—	8	8	3 354	250 611	1 860	3 686	136 365	3 689 810	5 440 561	9 123 671	228 177
325110	Petrochemical manufacturing	—	8	8	3 354	250 611	1 860	3 686	136 365	3 689 810	5 440 561	9 123 671	228 177
32512	Industrial gas manufacturing	—	22	8	525	29 000	258	521	15 799	150 824	447 166	597 402	D
325120	Industrial gas manufacturing	—	22	8	525	29 000	258	521	15 799	150 824	447 166	597 402	D
32518	Other basic inorganic chemical manufacturing	—	26	16	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	—	22	13	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	49	36	10 455	670 361	5 650	14 249	362 972	3 922 591	6 229 140	10 191 353	D
325192	Cyclic crude and intermediate manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	45	32	i	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	39	31	4 343	283 038	2 653	5 606	173 442	1 293 200	4 314 438	5 569 468	D
32521	Resin and synthetic rubber manufacturing	1	39	31	4 343	283 038	2 653	5 606	173 442	1 293 200	4 314 438	5 569 468	D
325211	Plastics material and resin manufacturing	1	30	26	h	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	7	9	5	f	D	D	D	D	D	D	D	74 995
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1	15	7	692	42 908	411	944	22 744	214 646	201 273	424 641	D
3255	Paint, coating, and adhesive manufacturing	2	35	13	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	3	27	8	g	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	3	27	8	g	D	D	D	D	D	D	D	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)				
HARRIS—Con.													
325	Chemical manufacturing—Con.												
3256	Soap, cleaning compound, and toilet preparation manufacturing .	2	32	10	f	D	D	D	D	D	D	D	
32561	Soap and cleaning compound manufacturing	3	25	8	f	D	D	D	D	D	D	D	
3259	Other chemical product and preparation manufacturing	2	63	27	g	D	D	D	D	D	D	D	
32599	All other chemical product and preparation manufacturing ...	2	58	27	g	D	D	D	D	D	D	D	
325991	Custom compounding of purchased resins	2	24	9	f	D	D	D	D	D	D	D	
325998	All other miscellaneous chemical product and preparation manufacturing .	1	30	16	f	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing	2	187	79	8 417	276 237	6 144	12 190	163 008	765 115	742 161	1 517 610	51 852
3261	Plastics product manufacturing ..	1	164	73	8 004	263 117	5 832	11 558	154 617	739 018	716 120	1 465 831	49 420
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	35	13	g	D	D	D	D	D	D	D	
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	1	14	6	f	D	D	D	D	D	D	D	
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	2	17	8	f	D	D	D	D	D	D	D	
32616	Plastics bottle manufacturing ..	—	7	7	699	24 637	533	1 012	18 044	98 179	105 954	201 706	3 998
326160	Plastics bottle manufacturing	—	7	7	699	24 637	533	1 012	18 044	98 179	105 954	201 706	3 998
32619	Other plastics product manufacturing	1	91	39	h	D	D	D	D	D	D	D	
326191	Plastics plumbing fixture manufacturing	1	10	6	f	D	D	D	D	D	D	D	
326199	All other plastics product manufacturing	1	80	32	h	D	D	D	D	D	D	D	
327	Nonmetallic mineral product manufacturing	2	152	39	h	D	D	D	D	D	D	33 046	
3273	Cement and concrete product manufacturing	2	75	26	g	D	D	D	D	D	D	D	
32732	Ready-mix concrete manufacturing	3	49	10	1 117	40 181	945	2 027	30 937	160 659	257 604	418 423	D
327320	Ready-mix concrete manufacturing	3	49	10	1 117	40 181	945	2 027	30 937	160 659	257 604	418 423	D
3279	Other nonmetallic mineral product manufacturing	4	39	7	f	D	D	D	D	D	D	D	
32799	All other nonmetallic mineral product manufacturing	3	33	6	f	D	D	D	D	D	D	D	
331	Primary metal manufacturing	1	50	19	g	D	D	D	D	D	D	11 865	
3312	Steel product manufacturing from purchased steel	2	13	9	f	D	D	D	D	D	D	D	
33121	Iron and steel pipe and tube manufacturing from purchased steel	2	6	5	f	D	D	D	D	D	D	D	
331210	Iron and steel pipe and tube manufacturing from purchased steel	2	6	5	f	D	D	D	D	D	D	D	
332	Fabricated metal product manufacturing	2	'1 195	'412	'32 637	'1 209 627	'24 157	'49 087	'762 089	'2 545 311	'2 052 458	'4 608 349	'191 830
3321	Forging and stamping	2	38	21	2 939	117 720	2 151	4 641	69 829	197 365	225 383	418 091	D
33211	Forging and stamping	2	38	21	2 939	117 720	2 151	4 641	69 829	197 365	225 383	418 091	D
332111	Iron and steel forging	3	9	5	f	D	D	D	D	D	D	D	
332112	Nonferrous forging	—	1	1	f	D	D	D	D	D	D	D	
332114	Custom roll forming	2	15	12	g	D	D	D	D	D	D	D	
3323	Architectural and structural metals manufacturing	2	254	110	8 926	299 711	6 194	12 451	171 005	636 626	697 298	1 336 165	20 893
33231	Plate work and fabricated structural product manufacturing	2	117	51	4 800	172 385	3 143	6 600	93 961	357 853	378 487	739 753	D
332311	Prefabricated metal building and component manufacturing	1	21	11	2 586	89 957	1 608	3 418	47 333	165 066	194 569	363 874	D
332312	Fabricated structural metal manufacturing	2	68	29	1 770	65 560	1 217	2 487	35 854	157 627	167 103	323 483	D
33232	Ornamental and architectural metal products manufacturing	1	137	59	4 126	127 326	3 051	5 851	77 044	278 773	318 811	596 412	D
332321	Metal window and door manufacturing	—	17	11	g	D	D	D	D	D	D	D	
332322	Sheet metal work manufacturing	2	78	30	1 917	61 604	1 416	2 710	38 994	127 816	165 700	292 997	3 687
332323	Ornamental and architectural metal work manufacturing ..	1	42	18	g	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)				
HARRIS—Con.													
332	Fabricated metal product manufacturing—Con.												
3324	Boiler, tank, and shipping container manufacturing	1	48	27	g	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	3	13	9	705	32 189	489	1 094	20 648	81 279	51 670	130 911	3 003
332410	Power boiler and heat exchanger manufacturing ..	3	13	9	705	32 189	489	1 094	20 648	81 279	51 670	130 911	3 003
33242	Metal tank (heavy gauge) manufacturing	1	26	13	f	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	1	26	13	f	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	9	5	f	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	3	38	14	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	3	38	14	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	4	28	8	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	480	90	6 156	251 967	4 677	9 588	171 762	529 354	234 490	760 853	69 987
33271	Machine shops	3	420	69	4 731	198 306	3 654	7 308	136 834	422 948	162 337	583 957	44 188
332710	Machine shops	3	420	69	4 731	198 306	3 654	7 308	136 834	422 948	162 337	583 957	44 188
33272	Turned product and screw, nut, and bolt manufacturing	1	60	21	1 425	53 661	1 023	2 280	34 928	106 406	72 153	176 896	25 799
332721	Precision turned product manufacturing	1	38	13	762	31 827	574	1 261	22 300	68 317	30 688	96 861	D
332722	Bolt, nut, screw, rivet, and washer manufacturing	1	22	8	663	21 834	449	1 019	12 628	38 089	41 465	80 035	D
3328	Coating, engraving, heat treating, and allied activities	1	126	49	3 350	127 023	2 654	5 465	87 082	267 876	159 632	425 735	9 431
33281	Coating, engraving, heat treating, and allied activities ..	1	126	49	3 350	127 023	2 654	5 465	87 082	267 876	159 632	425 735	9 431
332811	Metal heat treating	1	21	12	g	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	56	24	g	D	D	D	D	D	D	D	4 094
332813	Electroplating, plating, polishing, anodizing, and coloring	2	49	13	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	3	197	99	8 116	290 915	6 137	11 774	184 257	655 958	528 206	1 203 811	46 604
33291	Metal valve manufacturing	2	81	44	3 490	139 899	2 519	5 351	86 744	324 458	252 805	592 355	19 201
332911	Industrial valve manufacturing	1	35	20	2 112	88 702	1 431	3 201	53 443	202 240	156 599	373 077	11 266
332919	Other metal valve and pipe fitting manufacturing	3	35	18	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	3	116	55	4 626	151 016	3 618	6 423	97 513	331 500	275 401	611 456	27 403
332996	Fabricated pipe and pipe fitting manufacturing	4	47	32	3 226	96 214	2 559	4 222	62 685	220 174	188 577	408 720	18 509
332999	All other miscellaneous fabricated metal product manufacturing	3	58	20	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	396	161	21 755	1 026 896	12 957	25 558	486 364	2 285 795	2 431 984	4 772 153	132 681
3331	Agriculture, construction, and mining machinery manufacturing	1	136	70	11 844	618 348	6 387	12 561	264 284	1 249 114	1 188 975	2 398 524	84 103
33313	Mining and oil and gas field machinery manufacturing	1	126	69	11 763	615 409	6 336	12 461	262 719	1 245 316	1 183 078	2 388 903	D
333132	Oil and gas field machinery and equipment manufacturing	1	122	68	j	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	26	11	962	46 715	536	1 109	19 686	110 009	95 894	205 635	D
33329	Other industrial machinery manufacturing	1	22	10	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	1	18	9	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	21	6	712	27 938	465	860	13 620	74 821	68 135	144 090	2 165
33331	Commercial and service industry machinery manufacturing	—	21	6	712	27 938	465	860	13 620	74 821	68 135	144 090	2 165
333319	Other commercial and service industry machinery manufacturing	—	17	6	f	D	D	D	D	D	D	D	D

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)	
HARRIS—Con.														
333	Machinery manufacturing—Con.													
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	41	18	h	D	D	D	D	D	D	D		
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	41	18	h	D	D	D	D	D	D	D		
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	27	12	h	D	D	D	D	D	D	D		
3335	Metalworking machinery manufacturing	3	45	12	f	D	D	D	D	D	D	1 708		
33351	Metalworking machinery manufacturing	3	45	12	f	D	D	D	D	D	D	1 708		
3336	Engine, turbine, and power transmission equipment manufacturing	3	16	7	f	D	D	D	D	D	D	D		
33361	Engine, turbine, and power transmission equipment manufacturing	3	16	7	f	D	D	D	D	D	D	D		
3339	Other general purpose machinery manufacturing	2	111	37		3 595	164 928	2 035	4 212	79 633	356 255	590 920	936 697	20 050
33391	Pump and compressor manufacturing	5	30	13	g	D	D	D	D	D	D	D	D	
333911	Pump and pumping equipment manufacturing ..	6	22	8	f	D	D	D	D	D	D	D	D	
33392	Material handling equipment manufacturing	—	26	11	g	D	D	D	D	D	D	D	D	
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	7	3	f	D	D	D	D	D	D	D	D	
33399	All other general purpose machinery manufacturing	4	55	13	g	D	D	D	D	D	D	D	D	
333999	All other miscellaneous general purpose machinery manufacturing	5	33	7	f	D	D	D	D	D	D	D	D	
334	Computer and electronic product manufacturing	1	182	69	i	D	D	D	D	D	D	D	D	
3341	Computer and peripheral equipment manufacturing	—	19	8	g	D	D	D	D	D	D	D	D	
33411	Computer and peripheral equipment manufacturing	—	19	8	g	D	D	D	D	D	D	D	D	
334111	Electronic computer manufacturing	—	10	4	g	D	D	D	D	D	D	D	D	
3344	Semiconductor and other electronic component manufacturing	3	32	13	f	D	D	D	D	D	D	D	D	
33441	Semiconductor and other electronic component manufacturing	3	32	13	f	D	D	D	D	D	D	D	D	
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	103	43	h	D	D	D	D	D	D	D	D	
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	103	43	h	D	D	D	D	D	D	D	D	
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	6	5	f	D	D	D	D	D	D	D	D	
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	1	32	16		1 248	57 504	572	1 170	18 228	129 842	91 213	222 922	D
334519	Other measuring and controlling device manufacturing	—	20	8	g	D	D	D	D	D	D	D	D	
335	Electrical equipment, appliance, and component manufacturing	2	85	28		4 263	167 680	2 858	5 976	86 918	414 541	437 651	868 433	D
3353	Electrical equipment manufacturing	2	56	16	h	D	D	D	D	D	D	D	D	
33531	Electrical equipment manufacturing	2	56	16	h	D	D	D	D	D	D	D	D	
335312	Motor and generator manufacturing	—	7	3	g	D	D	D	D	D	D	D	D	
335313	Switchgear and switchboard apparatus manufacturing ...	2	13	4	g	D	D	D	D	D	D	D	D	
335314	Relay and industrial control manufacturing	6	25	8	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)				
HARRIS—Con.													
336	Transportation equipment manufacturing	2	92	32	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	2	18	10	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	2	18	10	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	1	10	6	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	2	27	10	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	2	27	10	g	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	2	24	10	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	141	36	h	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	92	17	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	2	60	12	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	33	9	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	2	33	9	f	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing	1	17	4	f	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	—	16	10	g	D	D	D	D	D	D	D	D
33792	Blind and shade manufacturing	—	8	6	g	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	—	8	6	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	'351	79	'7 723	'251 756	'5 568	'10 412	'144 537	'561 997	'468 277	'1 025 929	'29 204
3391	Medical equipment and supplies manufacturing	2	103	16	1 885	63 092	1 429	2 742	41 997	131 722	111 701	243 367	12 978
33911	Medical equipment and supplies manufacturing	2	103	16	1 885	63 092	1 429	2 742	41 997	131 722	111 701	243 367	12 978
339113	Surgical appliance and supplies manufacturing	—	20	6	f	D	D	D	D	D	D	D	10 832
3399	Other miscellaneous manufacturing	5	'248	63	'5 838	'188 664	'4 139	'7 670	'102 540	'430 275	'356 576	'782 562	'16 226
33995	Sign manufacturing	4	'98	18	g	D	D	D	D	D	D	D	D
339950	Sign manufacturing	4	'98	18	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	5	101	37	3 799	126 018	2 760	5 206	70 411	307 096	257 008	560 595	13 222
339991	Gasket, packing, and sealing device manufacturing	5	30	19	1 999	67 787	1 467	2 868	38 808	173 933	174 976	345 512	D
339999	All other miscellaneous manufacturing	6	64	16	g	D	D	D	D	D	D	D	D
HARRISON													
31-33	Manufacturing	—	75	28	2 778	71 082	2 105	4 356	50 137	280 812	173 328	461 513	39 750
327	Nonmetallic mineral product manufacturing	—	13	6	585	12 491	504	1 118	9 822	39 163	34 300	73 017	D
3271	Clay product and refractory manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	—	4	3	f	D	D	D	D	D	D	D	D
HAYS													
31-33	Manufacturing	2	125	35	2 908	101 890	1 996	4 052	55 340	323 715	243 898	571 423	D
332	Fabricated metal product manufacturing	1	23	8	864	28 390	645	1 351	17 507	73 975	79 904	152 394	2 931

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HENDERSON													
31-33	Manufacturing	3	60	15	1 910	50 641	1 534	3 138	36 344	184 241	97 654	280 641	6 528
339	Miscellaneous manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
HIDALGO													
31-33	Manufacturing	1	283	64	7 202	188 958	5 284	10 086	106 946	746 312	837 788	1 593 831	48 438
311	Food manufacturing	1	61	12	1 909	41 554	1 468	2 555	21 083	142 515	190 021	334 278	19 483
3114	Fruit and vegetable preserving and specialty food manufacturing	1	7	5	919	20 167	775	1 570	12 836	86 745	114 014	199 930	15 929
31141	Frozen food manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	14	7	1 166	23 086	796	1 412	11 686	137 594	193 186	345 974	D
3152	Cut and sew apparel manufacturing	—	13	7	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	14	5	535	11 825	372	682	6 384	26 920	14 093	38 713	1 028
HILL													
31-33	Manufacturing	2	41	11	835	23 594	660	1 249	15 929	57 723	81 891	139 870	1 784
HOOD													
31-33	Manufacturing	4	42	6	f	D	D	D	D	D	D	D	2 620
HOPKINS													
31-33	Manufacturing	—	43	15	1 550	51 299	1 217	2 535	33 763	349 591	292 552	642 693	13 776
332	Fabricated metal product manufacturing	2	9	3	540	21 376	419	892	13 585	63 676	49 046	112 372	2 407
HOUSTON													
31-33	Manufacturing	1	22	8	724	29 981	539	1 011	19 949	66 229	93 084	161 471	3 886
HOWARD													
31-33	Manufacturing	—	26	8	960	38 155	668	1 369	26 421	144 446	693 075	837 653	24 487
HUNT													
31-33	Manufacturing	2	64	20	h	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	5	1	f	D	D	D	D	D	D	D	923
3261	Plastics product manufacturing ..	—	5	1	f	D	D	D	D	D	D	D	923
32619	Other plastics product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
HUTCHINSON													
31-33	Manufacturing	—	19	12	2 002	108 339	1 346	3 008	75 983	413 605	1 886 074	2 296 605	72 620
324	Petroleum and coal products manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	8	6	f	D	D	D	D	D	D	D	D
JACKSON													
31-33	Manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	1	1	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JASPER													
31-33	Manufacturing	1	25	6	1 903	88 111	1 445	3 120	63 100	368 353	402 947	790 385	48 329
322	Paper manufacturing	-	2	1	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
32213	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
JEFFERSON													
31-33	Manufacturing	-	'231	83	'12 746	'705 886	'8 956	'18 549	'465 256	'4 458 875	'17 185 873	'21 485 736	'478 977
324	Petroleum and coal products manufacturing	-	9	7	h	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	9	7	h	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	5	5	3 481	258 275	2 498	5 231	184 970	2 841 471	12 658 084	15 323 845	D
324110	Petroleum refineries	-	5	5	3 481	258 275	2 498	5 231	184 970	2 841 471	12 658 084	15 323 845	D
325	Chemical manufacturing	-	30	22	4 513	281 973	2 943	6 663	174 171	1 046 945	3 929 796	4 986 894	95 728
3251	Basic chemical manufacturing ...	-	19	15	h	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	10	9	1 974	117 773	1 228	2 871	66 888	476 598	1 961 055	2 431 020	48 549
325199	All other basic organic chemical manufacturing	-	10	9	1 974	117 773	1 228	2 871	66 888	476 598	1 961 055	2 431 020	48 549
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	48	21	1 700	60 084	1 348	2 789	42 743	161 904	155 434	318 009	19 924
JOHNSON													
31-33	Manufacturing	-	166	45	4 684	150 528	3 596	7 248	104 170	453 484	430 527	894 131	20 541
321	Wood product manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	14	7	973	42 379	759	1 792	33 911	217 353	140 851	351 571	8 756
332	Fabricated metal product manufacturing	1	38	9	589	19 985	426	891	13 162	57 601	48 061	107 321	2 942
KAUFMAN													
31-33	Manufacturing	-	117	35	4 046	141 128	2 677	5 542	73 083	317 773	332 624	653 359	25 623
332	Fabricated metal product manufacturing	-	30	13	1 633	59 169	786	1 597	20 708	126 654	122 560	249 871	13 452
3323	Architectural and structural metals manufacturing	-	13	5	1 162	43 070	471	1 017	11 797	92 834	95 316	188 885	12 507
33232	Ornamental and architectural metal products manufacturing	-	9	4	g	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
337	Furniture and related product manufacturing	1	8	3	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
KENDALL													
31-33	Manufacturing	1	41	9	818	24 963	677	1 299	16 997	105 352	24 234	156 708	4 731
KERR													
31-33	Manufacturing	5	51	6	686	21 726	545	1 067	14 346	57 865	52 286	111 136	2 939

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)				
LAMAR													
31-33	Manufacturing	-	54	20	4 472	162 278	3 539	6 892	118 861	1 567 092	667 945	2 236 310	54 133
311	Food manufacturing	-	12	3	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	14	4	732	22 135	631	1 182	18 715	61 896	58 571	121 050	7 319
LAMB													
31-33	Manufacturing	-	13	2	693	21 131	642	1 308	18 698	46 152	44 862	90 734	2 538
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
LAVACA													
31-33	Manufacturing	2	45	18	2 093	41 567	1 108	2 261	19 933	138 443	132 461	277 639	15 215
315	Apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
LIBERTY													
31-33	Manufacturing	2	35	7	f	D	D	D	D	D	D	D	D
LIMESTONE													
31-33	Manufacturing	-	22	12	976	27 512	833	1 780	20 477	72 129	46 057	116 310	3 456
LUBBOCK													
31-33	Manufacturing	2	261	66	6 018	185 284	4 322	8 261	112 529	546 929	555 348	1 115 440	D
311	Food manufacturing	3	28	9	1 195	35 758	776	1 636	20 852	202 631	241 480	442 919	11 329
332	Fabricated metal product manufacturing	-	49	8	797	25 237	601	1 192	15 007	75 140	68 236	144 762	1 976
333	Machinery manufacturing	3	32	17	g	D	D	D	D	D	D	D	6 340
3331	Agriculture, construction, and mining machinery manufacturing	5	8	4	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	11	7	741	20 887	510	940	10 603	22 952	46 251	83 666	2 012

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)				
MCLENNAN													
31-33	Manufacturing	-	247	98	13 642	449 529	10 191	19 931	295 428	2 603 132	1 640 710	4 239 088	73 397
311	Food manufacturing	-	21	9	3 300	105 981	2 334	5 019	74 406	884 792	569 759	1 453 162	17 029
3113	Sugar and confectionery product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate ...	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	3	1 834	43 714	1 344	3 021	29 548	141 658	246 887	386 640	D
31161	Animal slaughtering and processing	-	3	3	1 834	43 714	1 344	3 021	29 548	141 658	246 887	386 640	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	13	8	1 208	27 663	995	1 691	18 991	58 277	95 751	153 746	1 398
3219	Other wood product manufacturing	-	12	7	g	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	6	5	1 067	24 235	892	1 491	16 516	49 333	79 177	128 330	D
321991	Manufactured home (mobile home) manufacturing	-	6	5	1 067	24 235	892	1 491	16 516	49 333	79 177	128 330	D
322	Paper manufacturing	-	12	10	1 231	51 326	948	2 144	32 945	199 209	242 647	441 995	10 040
3222	Converted paper product manufacturing	-	11	9	g	D	D	D	D	D	D	D	10 040
32221	Paperboard container manufacturing	-	5	5	625	30 045	464	1 099	16 776	66 532	126 749	196 485	4 663
326	Plastics and rubber products manufacturing	-	11	7	582	14 678	512	980	11 348	58 748	45 778	100 725	6 513
327	Nonmetallic mineral product manufacturing	1	17	9	1 100	41 443	925	1 964	32 790	143 654	85 319	224 442	6 543
3273	Cement and concrete product manufacturing	2	9	8	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	43	11	1 390	51 826	999	1 933	32 589	118 179	126 116	244 842	2 374
3323	Architectural and structural metals manufacturing	1	16	5	634	19 921	436	808	10 891	45 393	75 563	121 179	1 029
33231	Plate work and fabricated structural product manufacturing	1	6	5	581	18 546	406	755	10 115	42 170	68 811	111 267	877
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	-	14	3	530	23 754	432	902	18 105	57 037	37 398	94 503	936
333	Machinery manufacturing	-	13	6	995	33 982	608	1 145	16 705	104 720	78 238	187 398	4 465
336	Transportation equipment manufacturing	-	11	7	719	22 449	510	962	12 643	46 179	86 270	133 551	3 473
337	Furniture and related product manufacturing	-	20	5	513	16 390	364	724	8 290	27 910	43 218	70 231	1 040
MEDINA													
31-33	Manufacturing	2	21	5	538	13 479	459	839	10 870	30 654	13 329	42 166	1 135
MIDLAND													
31-33	Manufacturing	3	119	20	1 470	52 435	1 067	2 099	31 757	115 757	90 748	205 389	13 220
MILAM													
31-33	Manufacturing	-	14	7	1 829	73 086	1 478	2 867	55 067	294 456	319 611	615 889	11 057
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	g	D	D	D	D	D	D	D	D
331312	Primary aluminum production	-	1	1	g	D	D	D	D	D	D	D	D

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)				
MONTGOMERY													
31-33	Manufacturing	1	334	80	7 207	278 971	4 967	9 885	157 785	791 983	714 655	1 508 919	53 153
325	Chemical manufacturing	-	18	10	762	36 626	415	892	16 153	201 761	102 399	305 710	D
326	Plastics and rubber products manufacturing	3	21	13	f	D	D	D	D	D	D	D	3 282
327	Nonmetallic mineral product manufacturing	1	19	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	96	17	1 364	56 414	1 010	1 907	36 316	167 632	183 960	348 532	6 310
333	Machinery manufacturing	1	40	12	1 238	56 039	804	1 628	31 295	111 582	81 968	196 379	11 889
3331	Agriculture, construction, and mining machinery manufacturing	-	13	6	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	-	11	6	900	43 589	614	1 245	25 629	77 911	55 696	137 171	10 016
333132	Oil and gas field machinery and equipment manufacturing	-	11	6	900	43 589	614	1 245	25 629	77 911	55 696	137 171	10 016
334	Computer and electronic product manufacturing	3	15	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	37	6	664	24 479	412	734	9 796	72 995	41 367	111 057	3 044
MOORE													
31-33	Manufacturing	-	17	4	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	6	1	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	h	D	D	D	D	D	D	D	D
MORRIS													
31-33	Manufacturing	-	17	9	2 240	92 906	1 637	3 386	58 122	288 793	398 115	692 724	17 536
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	g	D	D	D	D	D	D	D	D
NACOGDOCHES													
31-33	Manufacturing	1	69	20	4 767	116 130	3 898	7 229	86 297	470 574	673 573	1 129 336	22 024
311	Food manufacturing	-	10	5	2 383	38 542	1 936	3 261	29 972	226 572	391 728	599 422	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	6	21	7	603	19 260	501	1 041	13 642	49 013	83 942	133 522	3 295
332	Fabricated metal product manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
NAVARRO													
31-33	Manufacturing	1	55	24	3 123	83 129	2 465	4 687	56 596	283 768	208 078	489 085	26 552
311	Food manufacturing	-	3	2	g	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
31133	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	-	1	1	f	D	D	D	D	D	D	D	D
NOLAN													
31-33	Manufacturing	-	13	7	834	27 661	691	1 524	20 665	116 951	55 180	171 246	4 981

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NUECES													
31-33	Manufacturing	-	217	53	i	D	D	D	D	D	D	D	D
311	Food manufacturing	-	22	5	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	9	6	2 616	189 631	1 522	3 491	109 834	620 826	7 323 278	7 839 365	239 217
3241	Petroleum and coal products manufacturing	-	9	6	2 616	189 631	1 522	3 491	109 834	620 826	7 323 278	7 839 365	239 217
32411	Petroleum refineries	-	4	4	2 463	182 864	1 404	3 262	105 105	595 028	7 298 081	7 787 559	238 860
324110	Petroleum refineries	-	4	4	2 463	182 864	1 404	3 262	105 105	595 028	7 298 081	7 787 559	238 860
325	Chemical manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	9	6	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ...	-	2	2	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	49	10	g	D	D	D	D	D	D	D	D
ORANGE													
31-33	Manufacturing	-	92	29	5 304	305 722	3 862	7 833	208 363	854 578	1 601 446	2 424 207	75 419
325	Chemical manufacturing	-	13	10	3 079	206 820	2 121	4 476	137 276	540 604	1 262 243	1 781 685	59 324
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	7	7	h	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	7	7	h	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
PALO PINTO													
31-33	Manufacturing	5	39	12	1 357	41 468	947	1 743	20 909	80 064	92 212	174 434	D
PANOLA													
31-33	Manufacturing	-	15	5	1 112	27 094	975	1 936	20 772	135 919	81 444	217 556	3 601
311	Food manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
PARKER													
31-33	Manufacturing	2	118	23	1 947	58 199	1 403	2 782	33 288	157 742	129 575	285 710	11 108
PARMER													
31-33	Manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
POLK													
31-33	Manufacturing	-	27	4	g	D	D	D	D	D	D	D	8 903
321	Wood product manufacturing	-	9	3	g	D	D	D	D	D	D	D	8 629
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	-	2	2	g	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)				
POTTER													
31-33	Manufacturing	-	139	31	6 093	174 302	4 949	10 847	126 699	431 595	2 108 215	2 548 174	D
311	Food manufacturing	-	17	7	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	4	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	h	D	D	D	D	D	D	D	D
RANDALL													
31-33	Manufacturing	1	59	11	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
RED RIVER													
31-33	Manufacturing	-	16	5	655	14 818	551	1 142	11 226	36 754	42 005	79 586	D
ROCKWALL													
31-33	Manufacturing	1	59	13	g	D	D	D	D	D	D	D	D
RUNNELS													
31-33	Manufacturing	-	12	7	1 001	28 576	612	1 210	13 259	113 421	70 984	179 793	3 436
332	Fabricated metal product manufacturing	-	3	3	689	21 726	359	685	8 326	59 797	46 991	105 709	D
3323	Architectural and structural metals manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
RUSK													
31-33	Manufacturing	3	33	12	1 063	29 840	896	1 933	21 920	82 601	76 403	158 495	3 991
SAN PATRICIO													
31-33	Manufacturing	1	49	13	h	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	12	4	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	4	6	4	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	4	5	4	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	4	5	4	g	D	D	D	D	D	D	D	D
SHELBY													
31-33	Manufacturing	-	29	12	2 217	57 582	1 967	4 099	46 822	131 325	264 333	395 342	9 740
311	Food manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SMITH													
31-33	Manufacturing	1	218	74	11 103	424 365	8 441	16 853	284 958	1 170 235	1 812 071	2 932 731	86 046
311	Food manufacturing	—	13	7	1 039	29 079	702	1 460	16 480	74 173	186 014	257 094	5 463
3116	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	19	12	1 934	89 461	1 633	3 191	72 093	173 054	164 861	337 644	4 399
3262	Rubber product manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
3315	Foundries	—	3	2	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	g	D	D	D	D	D	D	D	D
331511	Iron foundries	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	38	13	823	25 263	640	1 233	17 220	56 023	41 778	96 325	3 676
333	Machinery manufacturing	3	19	7	3 548	149 596	2 462	4 973	86 261	503 151	594 103	1 080 264	36 833
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	6	4	h	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	6	4	h	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	6	4	h	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	26	7	667	14 150	537	1 033	9 371	52 801	72 835	127 564	1 611
3399	Other miscellaneous manufacturing	5	15	4	523	10 267	432	833	7 014	42 537	62 567	106 342	1 214
TARRANT													
31-33	Manufacturing	—	1 869	620	84 694	3 870 960	54 458	111 890	1 985 905	14 599 482	16 512 639	30 364 963	558 990
311	Food manufacturing	1	105	44	6 409	198 387	4 755	10 046	129 809	1 247 416	1 205 460	2 458 328	51 620
3116	Animal slaughtering and processing	1	12	9	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	12	9	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	1	9	8	1 853	57 195	1 535	3 471	40 670	168 257	520 562	696 476	27 355
3118	Bakeries and tortilla manufacturing	1	54	8	1 704	48 710	972	1 966	25 118	172 632	65 726	237 937	D
31181	Bread and bakery product manufacturing	—	44	4	1 320	39 104	685	1 442	19 030	149 391	48 947	197 524	D
311812	Commercial bakeries	—	10	3	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	1	13	9	g	D	D	D	D	D	D	D	D
31199	All other food manufacturing	7	7	4	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	7	4	4	f	D	D	D	D	D	D	D	2 548
312	Beverage and tobacco product manufacturing	8	9	4	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	8	9	4	g	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	49	18	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	41	15	g	D	D	D	D	D	D	D	D
32191	Millwork	1	20	6	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	1	13	7	g	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	38	29	2 433	87 840	1 850	3 762	58 988	212 313	338 833	547 795	D
3222	Converted paper product manufacturing	1	38	29	2 433	87 840	1 850	3 762	58 988	212 313	338 833	547 795	D
32221	Paperboard container manufacturing	1	27	21	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	1	18	14	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TARRANT—Con.													
323	Printing and related support activities	3	234	58	5 238	184 165	3 718	7 231	109 012	441 195	227 857	670 498	33 103
3231	Printing and related support activities	3	234	58	5 238	184 165	3 718	7 231	109 012	441 195	227 857	670 498	33 103
32311	Printing	3	215	53	4 405	164 661	2 956	5 785	93 921	406 175	220 472	627 865	30 123
323110	Commercial lithographic printing	2	96	21	2 023	83 622	1 400	2 826	49 371	170 987	107 758	278 674	D
323116	Manifold business forms printing	6	16	11	868	33 747	574	1 051	17 520	118 682	42 953	162 002	3 110
32312	Support activities for printing	—	19	5	833	19 504	762	1 446	15 091	35 020	7 385	42 633	2 980
323121	Tradebinding and related work	—	9	5	795	18 157	731	1 409	14 252	32 629	6 914	39 771	D
325	Chemical manufacturing	1	'111	'40	'3 533	'152 165	'2 432	'4 964	'99 863	'718 398	'613 492	'1 337 498	D
3254	Pharmaceutical and medicine manufacturing	1	12	6	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	1	12	6	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	1	8	4	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	'3	'41	'14	'1 016	'46 447	'717	'1 533	'28 075	'126 834	'141 796	'268 859	D
32599	All other chemical product and preparation manufacturing	'4	'30	'10	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	98	51	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	77	45	h	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	49	27	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	44	25	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	5	78	26	g	D	D	D	D	D	D	D	11 884
3273	Cement and concrete product manufacturing	6	49	18	g	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	6	33	12	769	30 427	656	1 464	23 525	83 466	106 045	189 604	7 938
327320	Ready-mix concrete manufacturing	6	33	12	769	30 427	656	1 464	23 525	83 466	106 045	189 604	7 938
331	Primary metal manufacturing	3	30	13	f	D	D	D	D	D	D	D	D
3315	Foundries	1	17	10	697	22 690	577	1 214	17 081	47 168	26 594	75 079	D
332	Fabricated metal product manufacturing	1	381	115	8 294	296 806	6 200	12 575	183 293	691 316	522 991	1 211 192	29 256
3321	Forging and stamping.....	2	20	15	f	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	2	20	15	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	91	36	2 633	89 968	1 933	4 060	53 986	195 559	183 973	382 191	D
33231	Plate work and fabricated structural product manufacturing	1	41	16	1 131	40 615	801	1 742	24 221	93 405	112 852	208 556	D
332312	Fabricated structural metal manufacturing	—	26	10	761	28 409	537	1 144	16 205	69 019	94 177	164 098	3 057
33232	Ornamental and architectural metal products manufacturing	2	50	20	1 502	49 353	1 132	2 318	29 765	102 154	71 121	173 635	D
332322	Sheet metal work manufacturing	1	26	13	g	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	151	23	g	D	D	D	D	D	D	D	D
33271	Machine shops	1	124	14	1 231	53 759	891	1 796	32 738	152 862	69 333	212 499	5 948
332710	Machine shops	1	124	14	1 231	53 759	891	1 796	32 738	152 862	69 333	212 499	5 948
33272	Turned product and screw, nut, and bolt manufacturing	2	27	9	f	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	1	33	11	700	18 543	567	865	12 564	38 342	14 496	53 012	3 201
33281	Coating, engraving, heat treating, and allied activities ..	1	33	11	700	18 543	567	865	12 564	38 342	14 496	53 012	3 201
3329	Other fabricated metal product manufacturing	1	49	18	1 341	49 345	989	2 008	29 548	104 039	91 615	194 540	D
33299	All other fabricated metal product manufacturing	—	43	15	f	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	—	30	12	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)				
TARRANT—Con.													
333	Machinery manufacturing	-	156	56	8 176	319 287	5 456	11 355	170 753	528 369	735 975	1 294 490	41 701
3331	Agriculture, construction, and mining machinery manufacturing	-	21	11	1 629	75 596	1 197	2 888	47 309	140 679	179 699	302 256	D
33313	Mining and oil and gas field machinery manufacturing	-	15	8	g	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	-	13	7	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	5	31	8	883	35 816	531	1 004	17 711	57 869	52 804	109 938	D
33329	Other industrial machinery manufacturing	5	25	7	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	-	13	6	g	D	D	D	D	D	D	D	4 650
33331	Commercial and service industry machinery manufacturing	-	13	6	g	D	D	D	D	D	D	D	4 650
333313	Office machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	20	9	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	20	9	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	11	6	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	-	27	5	g	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	-	27	5	g	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing	-	8	3	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	39	13	1 248	48 261	842	1 542	25 625	74 988	103 831	193 433	D
33392	Material handling equipment manufacturing	-	20	10	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	64	24	i	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	13	5	h	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	6	4	h	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	6	4	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	22	6	1 165	70 923	999	2 183	60 218	208 584	67 278	272 512	D
33441	Semiconductor and other electronic component manufacturing	-	22	6	1 165	70 923	999	2 183	60 218	208 584	67 278	272 512	D
334413	Semiconductor and related device manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	20	10	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	20	10	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	1	6	4	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)				
TARRANT—Con.													
335	Electrical equipment, appliance, and component manufacturing	—	25	11	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	11	3	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	11	3	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	11	7	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	106	42	k	D	D	D	D	D	D	D	191 353
3361	Motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	18	10	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	1	18	10	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	48	15	g	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	1	17	7	g	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	28	14	j	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	28	14	j	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	5	3	j	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	126	37	2 848	83 438	2 270	4 802	55 053	202 609	180 052	378 868	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	81	17	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	4	55	9	569	16 549	449	903	10 908	32 588	16 097	48 676	D
337110	Wood kitchen cabinet and countertop manufacturing	4	55	9	569	16 549	449	903	10 908	32 588	16 097	48 676	D
33712	Household and institutional furniture manufacturing	3	26	8	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	1	33	11	g	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	1	33	11	g	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	—	13	4	f	D	D	D	D	D	D	D	1 017
3379	Other furniture related product manufacturing	—	12	9	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	161	36	3 399	119 964	2 376	4 760	63 656	305 276	189 949	504 444	D
3391	Medical equipment and supplies manufacturing	—	56	9	1 377	46 834	1 061	2 196	29 544	135 956	78 185	221 884	4 652
33911	Medical equipment and supplies manufacturing	—	56	9	1 377	46 834	1 061	2 196	29 544	135 956	78 185	221 884	4 652
339113	Surgical appliance and supplies manufacturing	—	11	4	968	33 882	781	1 642	21 894	117 769	58 267	180 285	3 144
3399	Other miscellaneous manufacturing	3	105	27	2 022	73 130	1 315	2 564	34 112	169 320	111 764	282 560	D
33995	Sign manufacturing	3	42	10	987	40 348	592	1 170	17 747	87 170	53 991	140 969	D
339950	Sign manufacturing	3	42	10	987	40 348	592	1 170	17 747	87 170	53 991	140 969	D
33999	All other miscellaneous manufacturing	5	38	9	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)				
TAYLOR													
31-33	Manufacturing	1	120	25	2 843	84 931	2 054	4 270	53 302	263 702	302 993	565 165	D
311	Food manufacturing	-	15	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	29	5	599	19 767	530	1 180	16 119	39 648	66 309	105 313	D
TITUS													
31-33	Manufacturing	-	37	15	4 834	105 770	4 011	7 338	79 909	925 417	859 132	1 783 290	6 166
311	Food manufacturing	-	7	5	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	4	h	D	D	D	D	D	D	D	D
311615	Poultry processing	-	3	3	h	D	D	D	D	D	D	D	D
TOM GREEN													
31-33	Manufacturing	-	102	27	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	20	5	f	D	D	D	D	D	D	D	D
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
311611	Animal (except poultry) slaughtering	-	6	3	733	17 483	675	1 490	14 415	50 180	184 977	231 039	D
332	Fabricated metal product manufacturing	-	18	5	855	32 658	598	1 394	19 990	163 461	30 989	194 708	3 525
3323	Architectural and structural metals manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	14	3	g	D	D	D	D	D	D	D	3 157
3391	Medical equipment and supplies manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
TRAVIS													
31-33	Manufacturing	-	'747	'194	'38 015	'1 878 934	'22 089	'45 521	'896 903	'10 910 293	'10 951 464	'21 943 746	D
311	Food manufacturing	5	53	14	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	26	7	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	22	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	127	26	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	3	127	26	g	D	D	D	D	D	D	D	D
32311	Printing	3	114	24	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	48	15	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	24	7	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	-	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	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)				
TRAVIS—Con.													
327	Nonmetallic mineral product manufacturing	3	48	11	g	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	27	7	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	1	24	6	f	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	1	24	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	90	13	f	D	D	D	D	D	D	D	5 271
333	Machinery manufacturing	1	43	13	h	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	2	19	6	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	2	19	6	g	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing	-	14	4	g	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	9	5	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	97	47	j	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	-	17	6	i	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	17	6	i	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	-	8	5	i	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	38	24	j	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	38	24	j	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	3	7	3	538	19 684	381	839	12 002	47 620	20 670	64 776	D
334413	Semiconductor and related device manufacturing	-	16	11	i	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	6	5	h	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	23	10	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	23	10	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	17	9	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	1	8	5	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	12	4	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	5	47	12	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	33	6	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TRAVIS—Con.													
339	Miscellaneous manufacturing	1	96	15	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	1	40	11	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	40	11	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	1	8	5	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	56	4	g	D	D	D	D	D	D	D	D
33991	Jewelry and silverware manufacturing	—	8	1	g	D	D	D	D	D	D	D	D
339911	Jewelry (except costume) manufacturing	—	7	1	g	D	D	D	D	D	D	D	D
VAN ZANDT													
31-33	Manufacturing	3	42	8	646	20 517	535	972	14 701	50 193	35 438	85 746	2 678
VICTORIA													
31-33	Manufacturing	—	75	13	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
WALKER													
31-33	Manufacturing	—	35	7	778	25 304	567	1 156	18 534	71 779	93 386	160 887	2 840
WALLER													
31-33	Manufacturing	—	56	23	1 956	83 235	1 198	2 409	47 637	226 906	182 366	403 868	D
333	Machinery manufacturing	—	9	6	867	44 361	472	836	25 988	121 435	100 551	221 046	5 217
3339	Other general purpose machinery manufacturing	—	5	5	f	D	D	D	D	D	D	D	4 445
WASHINGTON													
31-33	Manufacturing	1	56	25	3 112	101 090	2 458	5 076	73 651	354 485	288 502	647 103	13 592
311	Food manufacturing	—	9	3	845	28 606	608	1 247	18 974	131 743	89 041	219 989	3 407
3115	Dairy product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	17	7	679	21 372	541	1 081	16 345	62 806	50 000	114 569	2 097
WEBB													
31-33	Manufacturing	1	95	14	1 418	33 408	998	1 747	19 175	180 648	137 034	328 216	14 187
339	Miscellaneous manufacturing	2	6	3	566	10 066	415	659	6 668	42 690	34 733	77 392	D
3399	Other miscellaneous manufacturing	2	6	3	566	10 066	415	659	6 668	42 690	34 733	77 392	D
33999	All other miscellaneous manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	4	3	f	D	D	D	D	D	D	D	D
WHARTON													
31-33	Manufacturing	1	52	16	1 868	51 845	1 608	3 369	38 471	169 787	182 161	353 185	4 706
326	Plastics and rubber products manufacturing	—	5	5	592	19 343	503	1 139	15 212	105 190	106 835	213 258	1 034
3261	Plastics product manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	3	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	3	2	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	4	3	2	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing	4	3	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	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)
WICHITA													
31-33	Manufacturing	3	147	44	6 903	248 424	5 403	10 510	172 393	881 250	544 367	1 434 551	42 098
326	Plastics and rubber products manufacturing	8	8	6	1 358	47 612	1 151	2 449	38 302	302 858	122 034	425 343	8 996
3261	Plastics product manufacturing ..	8	6	5	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	3	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	41	15	g	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	6	6	534	19 556	401	894	12 815	39 114	40 807	82 052	2 432
336	Transportation equipment manufacturing	2	6	3	f	D	D	D	D	D	D	D	D
WILBARGER													
31-33	Manufacturing	—	9	2	892	28 161	719	980	20 496	113 709	169 642	282 623	4 935
311	Food manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	2	1	f	D	D	D	D	D	D	D	D
WILLIAMSON													
31-33	Manufacturing	1	247	64	7 199	261 827	4 867	9 879	137 386	1 097 204	667 084	1 715 277	115 336
326	Plastics and rubber products manufacturing	6	9	5	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	6	9	5	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	8	4	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	5	6	3	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	5	21	8	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	47	11	f	D	D	D	D	D	D	D	1 548
333	Machinery manufacturing	2	14	6	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	31	11	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	11	5	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	11	5	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	25	6	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	23	5	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	9	2	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	9	2	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
WISE													
31-33	Manufacturing	2	64	9	1 119	42 482	825	1 706	27 379	102 534	69 030	172 750	3 159

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)				
31-33	WOOD Manufacturing	—	50	11	726	23 377	551	1 094	14 638	66 160	175 669	240 608	3 153
31-33	YOUNG Manufacturing	—	32	8	875	26 165	728	1 477	16 200	80 278	139 476	219 842	3 156

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	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)
ABILENE													
31-33	Manufacturing	1	103	22	h	D	D	D	D	D	D	D	
311	Food manufacturing	-	14	5	f	D	D	D	D	D	D	D	
3118	Bakeries and tortilla manufacturing	-	8	4	f	D	D	D	D	D	D	D	
332	Fabricated metal product manufacturing	-	23	5	571	18 994	507	1 138	15 504	36 927	65 495	101 714	D
ADDISON													
31-33	Manufacturing	2	55	17	1 346	59 027	728	1 466	22 124	125 070	101 615	224 965	6 055
ALLEN													
31-33	Manufacturing	4	21	13	1 573	82 867	698	1 477	23 072	171 130	169 691	341 497	D
333	Machinery manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	3	9	9	f	D	D	D	D	D	D	D	D
ALVIN													
31-33	Manufacturing	-	30	11	1 879	100 174	1 171	2 541	53 248	665 470	1 225 813	1 893 907	46 170
325	Chemical manufacturing	-	6	5	1 321	69 518	738	1 594	30 528	487 239	1 019 729	1 508 719	D
3251	Basic chemical manufacturing ...	-	3	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing....	-	1	1	f	D	D	D	D	D	D	D	D
AMARILLO													
31-33	Manufacturing	-	168	34	i	D	D	D	D	D	D	D	D
311	Food manufacturing	-	21	6	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	3	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	3	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	h	D	D	D	D	D	D	D	D
ANGLETON													
31-33	Manufacturing	3	20	5	f	D	D	D	D	D	D	D	D
ARANSAS PASS													
31-33	Manufacturing	-	12	3	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	5	1	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	2	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ARLINGTON													
31-33	Manufacturing	-	274	101	13 335	633 037	10 072	21 083	447 981	5 243 989	5 318 136	10 592 324	88 296
311	Food manufacturing	-	22	6	569	18 413	441	951	12 178	517 223	195 724	711 497	D
323	Printing and related support activities	3	43	13	1 164	33 642	910	1 668	22 397	88 522	58 432	147 038	10 849
3231	Printing and related support activities	3	43	13	1 164	33 642	910	1 668	22 397	88 522	58 432	147 038	10 849
32311	Printing	3	40	12	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	50	20	1 046	40 515	728	1 499	21 968	102 173	59 265	161 129	3 682
333	Machinery manufacturing	-	21	10	3 219	133 576	2 103	4 676	69 471	166 722	374 997	571 130	22 203
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	-	3	3	864	43 723	246	271	8 151	14 799	155 323	196 989	D
33331	Commercial and service industry machinery manufacturing	-	3	3	864	43 723	246	271	8 151	14 799	155 323	196 989	D
333313	Office machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	8	4	g	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
334413	Semiconductor and related device manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	16	8	h	D	D	D	D	D	D	D	6 323
3361	Motor vehicle manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	8	3	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
ATHENS													
31-33	Manufacturing	3	34	11	1 670	42 713	1 342	2 743	30 866	158 410	80 539	240 776	D
339	Miscellaneous manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	3	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
AUSTIN													
31-33	Manufacturing	—	'558	'160	'35 244	'1 772 412	'20 053	'41 410	'839 684	'10 799 747	'10 904 611	'21 783 466	'414 490
311	Food manufacturing	5	45	13	f	D	D	D	D	D	D	D	2 842
323	Printing and related support activities	3	117	24	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	3	117	24	g	D	D	D	D	D	D	D	D
32311	Printing	3	104	22	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	43	13	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	2	16	5	1 638	83 799	1 236	2 791	57 521	172 673	85 665	262 329	D
3254	Pharmaceutical and medicine manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	26	8	f	D	D	D	D	D	D	D	14 102
332	Fabricated metal product manufacturing	3	49	9	f	D	D	D	D	D	D	D	3 698
333	Machinery manufacturing	2	'27	'7	'2 182	'115 203	'1 069	'2 096	'36 947	'488 656	'462 378	'986 242	'24 477
3332	Industrial machinery manufacturing	2	11	3	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	2	11	3	g	D	D	D	D	D	D	D	D
333295	Semiconductor machinery manufacturing	—	9	2	g	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	81	40	20 660	1 150 746	11 396	23 552	549 261	9 092 280	9 649 225	18 781 877	323 295
3341	Computer and peripheral equipment manufacturing	—	14	6	i	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	14	6	i	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	7	5	i	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	34	21	j	D	D	D	D	D	D	D	250 772
33441	Semiconductor and other electronic component manufacturing	—	34	21	j	D	D	D	D	D	D	D	250 772
334412	Bare printed circuit board manufacturing	3	7	3	538	19 684	381	839	12 002	47 620	20 670	64 776	D
334413	Semiconductor and related device manufacturing	—	16	11	i	D	D	D	D	D	D	D	225 216
334418	Printed circuit assembly (electronic assembly) manufacturing	—	4	3	h	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	22	9	831	36 682	386	729	12 716	105 214	99 147	199 567	23 447
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	22	9	831	36 682	386	729	12 716	105 214	99 147	199 567	23 447
335	Electrical equipment, appliance, and component manufacturing	3	16	8	f	D	D	D	D	D	D	D	750
336	Transportation equipment manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	30	9	f	D	D	D	D	D	D	D	726

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
AUSTIN—Con.													
339	Miscellaneous manufacturing	-	80	14	h	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	34	11	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	34	11	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	9	6	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	46	3	1 326	55 928	610	1 332	25 271	51 200	25 274	74 831	1 321
33991	Jewelry and silverware manufacturing	-	8	1	g	D	D	D	D	D	D	D	D
339911	Jewelry (except costume) manufacturing	-	7	1	g	D	D	D	D	D	D	D	D
BALLINGER													
31-33	Manufacturing	-	7	3	503	14 931	227	456	4 169	43 965	35 976	77 475	2 112
BAYTOWN													
31-33	Manufacturing	-	43	21	h	D	D	D	D	D	D	D	160 021
324	Petroleum and coal products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	10	8	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	7	6	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
325192	Cyclic crude and intermediate manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BEAUMONT													
31-33	Manufacturing	-	128	43	15 762	310 155	4 029	8 207	206 461	1 826 026	6 349 960	8 138 959	204 237
324	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	13	10	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	7	6	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	1 020	67 358	756	1 659	47 148	209 584	891 902	1 091 997	D
32521	Resin and synthetic rubber manufacturing	-	3	3	1 020	67 358	756	1 659	47 148	209 584	891 902	1 091 997	D
325212	Synthetic rubber manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	26	11	814	30 714	651	1 240	22 785	112 016	109 894	211 827	12 398
BELTON													
31-33	Manufacturing	3	23	8	780	18 376	552	1 022	10 431	50 839	39 994	90 316	4 754
BIG SPRING													
31-33	Manufacturing	1	23	5	f	D	D	D	D	D	D	D	D
BONHAM													
31-33	Manufacturing	-	9	3	642	20 023	527	1 172	15 714	50 638	117 671	170 108	3 159
BRENHAM													
31-33	Manufacturing	-	33	18	2 038	65 507	1 704	3 549	51 115	194 627	168 542	368 334	D
332	Fabricated metal product manufacturing	-	11	5	f	D	D	D	D	D	D	D	D
BROOKSHIRE													
31-33	Manufacturing	1	15	7	693	35 317	417	727	23 746	89 497	69 114	154 779	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BROWNSVILLE													
31-33	Manufacturing	2	121	31	5 351	131 928	4 125	6 933	96 075	401 075	409 123	760 078	103 610
311	Food manufacturing	-	26	3	639	11 981	416	691	6 546	78 215	72 105	139 261	D
315	Apparel manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	2	2	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
332	Fabricated metal product manufacturing	-	21	3	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	12	5	1 195	33 746	910	1 432	26 612	34 908	54 591	99 099	D
3363	Motor vehicle parts manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BROWNWOOD													
31-33	Manufacturing	-	26	6	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	-	1	1	f	D	D	D	D	D	D	D	D
BRYAN													
31-33	Manufacturing	2	73	26	4 125	112 207	3 321	6 298	72 868	279 401	269 999	549 805	11 707
311	Food manufacturing	1	4	4	g	D	D	D	D	D	D	D	1 839
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	17	5	839	25 547	592	1 160	16 231	59 822	49 766	110 952	D
337	Furniture and related product manufacturing	2	6	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
BURLESON													
31-33	Manufacturing	-	44	12	1 006	29 273	713	1 397	17 321	48 865	67 961	118 904	3 988
321	Wood product manufacturing	-	8	5	541	15 748	411	769	9 716	27 083	34 624	61 865	704
3219	Other wood product manufacturing	-	8	5	541	15 748	411	769	9 716	27 083	34 624	61 865	704
CACTUS													
31-33	Manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CARROLLTON													
31-33	Manufacturing	1	207	84	13 897	568 627	9 248	19 069	284 189	1 494 626	2 014 921	3 450 736	88 715
311	Food manufacturing	3	9	5	551	22 311	417	961	14 466	132 754	80 776	213 393	8 153
322	Paper manufacturing	4	7	6	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	4	7	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	41	9	848	31 564	596	1 184	20 435	76 472	55 969	132 666	9 036
3231	Printing and related support activities	-	41	9	848	31 564	596	1 184	20 435	76 472	55 969	132 666	9 036
32311	Printing	-	39	8	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	3	1	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	3	1	f	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	24	10	1 815	52 392	1 469	3 159	37 300	115 551	106 348	221 516	D
3323	Architectural and structural metals manufacturing	-	10	6	1 597	44 772	1 312	2 814	32 449	90 885	86 579	176 761	2 698
33232	Ornamental and architectural metal products manufacturing	-	8	5	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	19	8	1 912	83 740	1 091	2 107	37 985	152 870	111 053	242 181	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	8	7	3	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	29	16	3 564	190 664	1 823	3 703	65 252	350 448	894 774	1 202 102	31 358
3344	Semiconductor and other electronic component manufacturing	-	9	6	2 313	128 093	1 176	2 287	40 503	267 818	817 892	1 039 295	27 598
33441	Semiconductor and other electronic component manufacturing	-	9	6	2 313	128 093	1 176	2 287	40 503	267 818	817 892	1 039 295	27 598
334413	Semiconductor and related device manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	11	8	1 088	55 974	565	1 269	22 329	75 002	65 185	142 966	3 231
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	11	8	1 088	55 974	565	1 269	22 329	75 002	65 185	142 966	3 231
335	Electrical equipment, appliance, and component manufacturing	-	8	5	695	21 052	460	917	11 472	37 170	44 579	82 872	D
336	Transportation equipment manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CEDAR HILL													
31-33	Manufacturing	2	26	11	1 279	34 623	1 087	2 443	25 431	86 633	60 773	146 471	2 740
321	Wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32191	Millwork	-	2	2	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CEDAR PARK													
31-33	Manufacturing	7	21	6	574	19 102	435	962	10 536	38 765	22 472	71 929	D
CENTER													
31-33	Manufacturing	-	15	8	2 066	53 291	1 851	3 840	43 849	117 767	179 797	297 057	9 271
311	Food manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
CLEBURNE													
31-33	Manufacturing	-	36	8	1 345	46 368	1 028	2 164	34 295	143 407	157 374	313 516	6 091
COLLEGE STATION													
31-33	Manufacturing	-	22	6	f	D	D	D	D	D	D	D	1 219
COMMERCE													
31-33	Manufacturing	-	8	3	600	21 236	513	1 134	16 921	57 214	44 090	103 453	D
CONROE													
31-33	Manufacturing	1	96	32	3 104	121 485	2 159	4 376	72 762	437 998	421 491	858 766	D
COPPELL													
31-33	Manufacturing	2	23	12	1 040	37 589	628	1 196	17 909	92 931	131 814	234 577	2 468
CORINTH													
31-33	Manufacturing	9	10	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
CORPUS CHRISTI													
31-33	Manufacturing	-	197	45	6 128	274 363	4 191	8 824	161 751	1 142 193	6 206 384	7 286 125	D
311	Food manufacturing	-	21	5	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	3	3	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	3	3	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	45	9	g	D	D	D	D	D	D	D	D
CORSICANA													
31-33	Manufacturing	-	47	21	2 965	77 532	2 337	4 437	52 726	265 684	190 703	455 782	26 221
311	Food manufacturing	-	2	2	g	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
31133	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DALLAS													
31-33	Manufacturing	1	'1 470	472	'66 929	'2 978 218	'38 729	'74 768	'1 236 978	'8 971 188	'7 716 876	'16 476 660	'759 498
311	Food manufacturing	1	'121	46	'8 217	'267 946	5 028	9 723	140 186	'2 264 089	'1 012 390	'3 281 729	31 867
3115	Dairy product manufacturing	1	8	5	1 808	70 854	699	1 530	25 454	305 508	380 638	690 687	D
31151	Dairy product (except frozen) manufacturing	1	6	5	g	D	D	D	D	D	D	D	9 864
311511	Fluid milk manufacturing	1	5	5	g	D	D	D	D	D	D	D	9 864
3116	Animal slaughtering and processing	'4	'12	6	'1 446	'35 337	1 099	1 991	23 250	'100 598	'181 247	'285 495	D
31161	Animal slaughtering and processing	'4	'12	6	'1 446	'35 337	1 099	1 991	23 250	'100 598	'181 247	'285 495	D
311615	Poultry processing	-	3	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	2	55	17	h	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	2	42	8	2 195	74 196	1 067	2 094	30 646	130 721	98 304	230 489	D
311812	Commercial bakeries	3	17	6	1 902	67 246	839	1 627	25 359	111 519	85 383	198 490	D
31183	Tortilla manufacturing	2	6	5	f	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing	2	6	5	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	31	14	1 252	43 544	934	1 870	29 873	1 580 428	217 140	1 795 643	8 988
31191	Snack food manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	7	4	543	18 193	291	672	10 490	25 310	119 538	143 570	D
3121	Beverage manufacturing	-	7	4	543	18 193	291	672	10 490	25 310	119 538	143 570	D
31211	Soft drink and ice manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
314	Textile product mills	'3	'51	'18	'1 655	'35 593	'1 311	'2 714	'22 586	'87 334	'77 882	'163 189	D
3141	Textile furnishings mills	1	'28	'10	'1 028	'20 076	'832	'1 728	'13 069	'63 800	'52 534	'111 737	D
31412	Curtain and linen mills	1	'25	'9	f	D	D	D	D	D	D	D	'1 012
314129	Other household textile product mills	1	'13	'6	'758	'13 107	'646	'1 340	'9 762	'50 762	'45 344	'91 402	'912
3149	Other textile product mills	5	23	8	627	15 517	479	986	9 517	23 534	25 348	51 452	D
315	Apparel manufacturing	3	'75	'18	'1 735	'50 003	'1 275	'2 308	'22 612	'116 839	'116 524	'234 223	'2 034
3152	Cut and sew apparel manufacturing	4	'59	'16	'1 527	'44 486	'1 114	'1 988	'19 349	'102 201	'107 131	'210 006	D
31523	Women's and girls' cut and sew apparel manufacturing	4	14	6	656	27 905	429	682	8 364	71 456	83 884	156 121	D
321	Wood product manufacturing	4	38	18	1 174	34 007	949	1 935	22 374	65 760	71 664	136 865	D
3219	Other wood product manufacturing	2	34	16	f	D	D	D	D	D	D	D	D
32191	Millwork	3	17	7	555	15 538	429	904	9 566	31 488	37 752	69 324	607
322	Paper manufacturing	1	33	20	2 362	88 875	1 909	3 994	63 974	234 425	272 975	488 594	11 529
3222	Converted paper product manufacturing	1	32	19	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	12	8	1 394	46 321	1 197	2 493	36 662	127 290	151 267	258 024	5 892
322215	Nonfolding sanitary food container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	'292	'71	'7 050	'261 075	'5 040	'9 347	'148 849	'642 864	'325 951	'978 617	'23 138
3231	Printing and related support activities	2	'292	'71	'7 050	'261 075	'5 040	'9 347	'148 849	'642 864	'325 951	'978 617	'23 138
32311	Printing	2	'256	'59	'6 476	'241 155	'4 634	'8 578	'137 104	'604 737	'314 467	'929 021	'21 253
323110	Commercial lithographic printing	2	137	35	4 276	171 620	2 932	5 379	91 566	417 986	226 545	650 834	16 373
323117	Books printing	-	4	2	f	D	D	D	D	D	D	D	D
32312	Support activities for printing	3	36	12	574	19 920	406	769	11 745	38 127	11 484	49 596	1 885
325	Chemical manufacturing	-	61	26	2 676	106 812	1 565	3 095	50 868	1 190 804	496 006	1 671 086	32 230
3256	Soap, cleaning compound, and toilet preparation manufacturing	-	24	7	g	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	10	4	1 342	50 860	767	1 493	23 048	985 645	291 369	1 262 459	20 267
325620	Toilet preparation manufacturing	-	10	4	1 342	50 860	767	1 493	23 048	985 645	291 369	1 262 459	20 267
326	Plastics and rubber products manufacturing	1	54	23	1 994	68 661	1 517	2 767	43 880	181 798	161 237	339 330	13 759
3261	Plastics product manufacturing	1	45	18	1 691	59 905	1 274	2 263	37 994	170 383	133 878	300 336	13 136
32619	Other plastics product manufacturing	2	22	7	574	18 273	459	814	11 829	43 756	55 002	97 271	D
326199	All other plastics product manufacturing	2	22	7	574	18 273	459	814	11 829	43 756	55 002	97 271	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DALLAS—Con.													
327	Nonmetallic mineral product manufacturing	3	48	15	1 262	46 815	1 039	2 125	34 100	105 862	164 645	271 631	D
3273	Cement and concrete product manufacturing	2	17	11	879	33 151	730	1 538	25 100	75 031	117 472	194 399	D
32732	Ready-mix concrete manufacturing	1	9	6	590	23 484	503	1 071	18 714	55 566	98 027	153 662	D
327320	Ready-mix concrete manufacturing	1	9	6	590	23 484	503	1 071	18 714	55 566	98 027	153 662	D
331	Primary metal manufacturing	1	13	3	f	D	D	D	D	D	D	D	3 546
3315	Foundries	—	6	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	5	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	'2	199	64	'5 732	'186 234	'4 386	'8 254	'118 296	'417 754	'345 176	'766 758	'22 394
3323	Architectural and structural metals manufacturing	'2	'80	'26	'2 969	'86 712	'2 254	'3 949	'52 429	'198 306	'165 616	'363 637	'10 501
33232	Ornamental and architectural metal products manufacturing	'2	'58	'20	'2 576	'72 603	'2 000	'3 440	'45 309	'164 619	'135 351	'299 670	'6 390
332321	Metal window and door manufacturing	'1	'11	'7	'1 677	'42 869	'1 310	'2 096	'26 467	'106 574	'97 619	'204 238	'3 536
332322	Sheet metal work manufacturing	'6	'24	'9	'609	'20 313	'467	'931	'12 892	'38 372	'26 076	'64 098	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	49	12	680	25 937	509	986	17 284	57 028	14 914	71 930	D
33271	Machine shops	1	43	9	531	20 302	388	743	13 280	44 555	9 758	54 159	3 651
332710	Machine shops	1	43	9	531	20 302	388	743	13 280	44 555	9 758	54 159	3 651
3329	Other fabricated metal product manufacturing	—	16	7	922	32 732	705	1 445	20 787	81 752	78 910	163 172	4 412
33291	Metal valve manufacturing	—	6	4	f	D	D	D	D	D	D	D	4 075
333	Machinery manufacturing	3	77	31	3 314	120 527	2 308	4 553	67 102	319 542	303 228	618 787	15 463
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	18	10	1 199	35 526	909	1 858	21 282	94 735	87 991	184 036	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	18	10	1 199	35 526	909	1 858	21 282	94 735	87 991	184 036	D
333411	Air purification equipment manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	4	10	5	511	18 703	366	750	11 206	58 106	60 287	119 623	D
3339	Other general purpose machinery manufacturing	1	14	7	957	37 061	642	1 114	19 782	95 245	113 771	205 600	7 257
334	Computer and electronic product manufacturing	—	77	27	16 255	1 101 605	3 030	5 818	132 497	1 764 219	3 175 269	4 901 970	D
3342	Communications equipment manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	29	10	j	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	29	10	j	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	9	2	j	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	27	11	h	D	D	D	D	D	D	D	16 660
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	27	11	h	D	D	D	D	D	D	D	16 660
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	5	5	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	30	12	661	23 928	374	732	9 460	56 417	49 846	105 527	D

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

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NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DALLAS—Con.													
336	Transportation equipment manufacturing	—	42	20	6 440	385 459	4 293	8 076	240 128	906 930	628 050	1 385 118	27 094
3363	Motor vehicle parts manufacturing	5	22	9	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	12	9	i	D	D	D	D	D	D	D	22 511
33641	Aerospace product and parts manufacturing	—	12	9	i	D	D	D	D	D	D	D	22 511
336411	Aircraft manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	5	3	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	87	21	2 299	67 034	1 764	3 743	39 125	251 904	145 646	399 225	8 389
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	64	14	1 763	50 216	1 385	2 967	30 215	215 628	125 182	342 730	5 282
33711	Wood kitchen cabinet and countertop manufacturing	1	25	8	925	20 656	764	1 668	14 632	57 776	46 760	104 003	3 096
337110	Wood kitchen cabinet and countertop manufacturing	1	25	8	925	20 656	764	1 668	14 632	57 776	46 760	104 003	3 096
33712	Household and institutional furniture manufacturing	4	39	6	838	29 560	621	1 299	15 583	157 852	78 422	238 727	2 186
339	Miscellaneous manufacturing	3	'138	'27	'2 257	'68 127	'1 647	'2 817	'40 680	'232 211	'102 542	'334 046	D
3399	Other miscellaneous manufacturing	2	'103	'23	g	D	D	D	D	D	D	D	D
33995	Sign manufacturing	2	'38	'9	'619	'19 041	'373	'784	'10 468	'59 697	'36 131	'95 697	D
339950	Sign manufacturing	2	'38	'9	'619	'19 041	'373	'784	'10 468	'59 697	'36 131	'95 697	D
33999	All other miscellaneous manufacturing	1	31	9	833	23 242	674	852	15 040	95 753	16 947	112 325	D
339999	All other miscellaneous manufacturing	—	24	7	f	D	D	D	D	D	D	D	D
DEER PARK													
31-33	Manufacturing	—	29	14	4 485	313 550	2 718	6 162	182 696	2 185 957	5 897 483	8 075 941	242 738
324	Petroleum and coal products manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	11	9	h	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	—	5	5	2 150	156 673	1 324	3 083	95 462	1 758 635	1 751 738	3 498 546	90 986
32511	Petrochemical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	2	3	3	843	60 592	432	961	30 981	65 166	1 220 424	1 288 359	D
32521	Resin and synthetic rubber manufacturing	2	3	3	843	60 592	432	961	30 981	65 166	1 220 424	1 288 359	D
325211	Plastics material and resin manufacturing	2	3	3	843	60 592	432	961	30 981	65 166	1 220 424	1 288 359	D
DENISON													
31-33	Manufacturing	—	23	7	1 565	62 570	1 281	2 939	44 730	430 923	214 393	639 480	D
DENTON													
31-33	Manufacturing	1	78	26	4 250	181 825	3 242	6 722	123 429	595 478	1 128 785	1 714 097	16 564
333	Machinery manufacturing	9	6	3	539	21 470	380	837	14 598	83 596	44 179	127 775	2 032
336	Transportation equipment manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
DESOTO													
31-33	Manufacturing	3	36	12	1 459	53 717	1 115	2 204	34 780	212 197	145 692	357 731	4 439

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)				
DIBOLL													
31-33	Manufacturing	-	9	8	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	5	f	D	D	D	D	D	D	D	D
DUNCANVILLE													
31-33	Manufacturing	1	38	8	1 547	53 584	1 221	2 771	36 142	54 429	75 064	130 334	2 299
337	Furniture and related product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
EDINBURG													
31-33	Manufacturing	1	38	10	1 007	31 810	660	1 276	15 261	83 276	88 555	171 231	3 914
EL CAMPO													
31-33	Manufacturing	4	22	7	f	D	D	D	D	D	D	D	D
EL PASO													
31-33	Manufacturing	1	579	173	24 977	679 306	19 458	35 901	443 260	2 897 918	4 718 675	7 659 174	192 163
311	Food manufacturing	2	58	15	1 401	42 521	928	1 911	21 800	127 203	206 691	332 779	D
3118	Bakeries and tortilla manufacturing	-	35	5	f	D	D	D	D	D	D	D	D
313	Textile mills	-	13	5	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	2	43	19	i	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	2	37	19	i	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	2	13	9	h	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	-	9	7	h	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	5	25	5	886	19 334	709	1 358	11 892	47 124	51 289	96 000	D
3162	Footwear manufacturing	5	15	4	799	17 770	635	1 210	10 804	44 649	49 319	91 524	D
31621	Footwear manufacturing	5	15	4	799	17 770	635	1 210	10 804	44 649	49 319	91 524	D
316213	Men's footwear (except athletic) manufacturing	5	11	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	16	10	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	16	10	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	14	8	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	11	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	68	9	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	3	68	9	f	D	D	D	D	D	D	D	D
32311	Printing	2	63	8	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	30	20	4 570	127 048	3 626	5 280	88 649	234 633	270 162	504 706	45 744
3261	Plastics product manufacturing ..	-	27	19	h	D	D	D	D	D	D	D	45 557
32619	Other plastics product manufacturing	-	20	15	h	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	19	15	h	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	5	26	7	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]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
EL PASO—Con.													
331	Primary metal manufacturing	-	10	7	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	7	6	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	-	6	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	77	12	785	26 133	589	1 186	17 241	53 525	46 892	101 345	5 802
334	Computer and electronic product manufacturing	2	19	10	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	9	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media	9	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	9	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	18	10	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	14	5	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	12	5	741	18 383	500	893	11 186	225 581	209 921	434 385	15 448
33632	Motor vehicle electrical and electronic equipment manufacturing	-	7	4	672	16 365	442	792	9 797	221 357	207 651	427 889	15 355
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	7	4	672	16 365	442	792	9 797	221 357	207 651	427 889	15 355
337	Furniture and related product manufacturing	1	27	5	557	11 001	406	777	7 070	27 703	20 649	48 293	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	24	5	545	10 596	397	758	6 843	26 886	19 819	46 646	D
339	Miscellaneous manufacturing	4	56	14	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	5	21	6	654	24 166	453	852	10 071	77 582	39 205	117 079	4 104
33911	Medical equipment and supplies manufacturing	5	21	6	654	24 166	453	852	10 071	77 582	39 205	117 079	4 104
ENNIS													
31-33	Manufacturing	-	50	31	3 475	103 717	2 744	5 443	72 034	402 606	569 429	969 963	58 179
326	Plastics and rubber products manufacturing	-	8	4	1 020	24 535	933	1 956	20 040	61 021	152 122	206 787	D
3261	Plastics product manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	10	5	765	19 945	656	1 093	15 404	100 057	68 487	168 245	4 001
EULESS													
31-33	Manufacturing	2	39	13	847	31 701	550	1 044	16 449	62 661	41 310	103 050	2 704

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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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FARMERS BRANCH													
31-33	Manufacturing	1	125	49	6 218	244 927	3 986	8 116	118 059	517 340	572 480	1 108 414	22 523
323	Printing and related support activities	-	28	7	941	39 470	674	1 425	22 609	97 356	56 832	151 301	7 497
3231	Printing and related support activities	-	28	7	941	39 470	674	1 425	22 609	97 356	56 832	151 301	7 497
32311	Printing	-	27	7	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	6	3	696	29 076	517	1 113	18 005	66 992	47 728	111 875	D
326	Plastics and rubber products manufacturing	6	11	6	506	17 143	372	823	9 654	37 647	52 079	89 126	2 485
3261	Plastics product manufacturing ..	6	11	6	506	17 143	372	823	9 654	37 647	52 079	89 126	2 485
332	Fabricated metal product manufacturing	-	15	4	731	23 712	603	1 134	17 307	79 505	51 256	127 814	2 677
3322	Cutlery and handtool manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	14	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	9	6	572	14 352	481	915	11 015	26 209	28 451	55 753	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	1	6	4	515	12 474	434	813	9 705	23 212	25 298	49 603	D
339	Miscellaneous manufacturing	4	9	8	673	22 164	450	893	13 232	65 421	32 618	97 840	D
FLOWER MOUND													
31-33	Manufacturing	4	26	4	748	17 588	613	1 061	9 718	28 465	28 443	56 682	1 095
FORT WORTH													
31-33	Manufacturing	1	785	280	48 241	2 434 268	27 448	57 149	1 060 029	7 306 008	9 085 051	15 606 664	350 068
311	Food manufacturing	2	48	28	3 738	114 747	2 651	5 517	74 425	566 545	711 407	1 285 725	21 132
3116	Animal slaughtering and processing	-	7	5	753	21 209	666	1 471	17 530	125 159	274 206	407 540	4 315
31161	Animal slaughtering and processing	-	7	5	753	21 209	666	1 471	17 530	125 159	274 206	407 540	4 315
311612	Meat processed from carcasses	-	4	4	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	20	5	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	14	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	4	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	8	6	4	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	8	6	4	g	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	18	8	945	24 493	796	1 614	16 989	73 293	115 164	188 665	2 393
3219	Other wood product manufacturing	1	15	7	854	21 054	727	1 449	15 080	63 439	103 827	167 401	2 240
322	Paper manufacturing	-	14	11	964	37 417	717	1 424	24 612	84 373	163 064	245 509	2 751
3222	Converted paper product manufacturing	-	14	11	964	37 417	717	1 424	24 612	84 373	163 064	245 509	2 751
32221	Paperboard container manufacturing	-	11	8	f	D	D	D	D	D	D	D	1 654
322211	Corrugated and solid fiber box manufacturing	-	9	7	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 WORTH—Con.													
323	Printing and related support activities	3	104	26	2 472	92 807	1 696	3 435	55 106	202 444	116 957	319 751	16 257
3231	Printing and related support activities	3	104	26	2 472	92 807	1 696	3 435	55 106	202 444	116 957	319 751	16 257
32311	Printing	3	96	25	2 368	90 401	1 603	3 269	53 402	198 674	115 787	314 807	D
323110	Commercial lithographic printing	3	47	14	1 480	64 211	1 024	2 166	38 320	124 540	70 401	194 652	5 719
325	Chemical manufacturing	1	39	14	2 047	92 961	1 481	3 095	69 363	435 466	299 342	742 336	22 961
3254	Pharmaceutical and medicine manufacturing	1	7	4	g	D	D	D	D	D	D	D	19 235
32541	Pharmaceutical and medicine manufacturing	1	7	4	g	D	D	D	D	D	D	D	19 235
325412	Pharmaceutical preparation manufacturing	1	5	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	45	22	1 905	58 069	1 600	3 301	42 437	149 650	168 638	319 054	14 256
3261	Plastics product manufacturing ..	—	33	19	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	20	10	1 127	33 267	978	2 055	25 536	72 667	74 014	149 119	D
326199	All other plastics product manufacturing	—	19	10	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	32	11	f	D	D	D	D	D	D	D	5 328
331	Primary metal manufacturing	4	18	10	622	22 191	512	1 056	16 991	46 186	42 179	92 364	1 693
3315	Foundries	1	11	8	534	18 700	442	900	14 494	36 804	21 899	59 981	D
332	Fabricated metal product manufacturing	1	172	50	3 864	141 511	2 923	6 104	89 699	287 516	259 670	552 332	13 563
3323	Architectural and structural metals manufacturing	1	45	18	1 366	45 525	1 003	2 146	27 224	83 998	89 850	174 168	3 307
33232	Ornamental and architectural metal products manufacturing	—	22	10	877	28 044	669	1 396	17 089	48 853	27 283	76 344	1 073
332322	Sheet metal work manufacturing	—	14	7	734	23 428	571	1 180	14 592	38 340	21 061	59 135	855
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	65	11	784	31 107	617	1 292	21 921	54 455	23 944	78 565	4 532
3329	Other fabricated metal product manufacturing	—	28	11	963	37 496	698	1 410	22 135	70 717	56 517	127 567	D
33299	All other fabricated metal product manufacturing	—	25	9	f	D	D	D	D	D	D	D	2 595
332999	All other miscellaneous fabricated metal product manufacturing	—	19	9	f	D	D	D	D	D	D	D	2 571
333	Machinery manufacturing	1	55	20	2 180	80 170	1 459	3 133	43 918	162 582	150 164	311 272	7 311
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	11	5	915	29 333	616	1 309	15 810	80 571	52 016	131 090	1 569
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	11	5	915	29 333	616	1 309	15 810	80 571	52 016	131 090	1 569
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	23	8	g	D	D	D	D	D	D	D	20 924
3342	Communications equipment manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	11	5	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	1	11	5	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]

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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)
FORT WORTH—Con.													
335	Electrical equipment, appliance, and component manufacturing	—	10	6	f	D	D	D	D	D	D	D	
3359	Other electrical equipment and component manufacturing	—	5	4	f	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	—	46	19	20 963	1 450 037	7 521	16 372	452 247	3 394 681	2 906 305	5 541 367	173 417
3363	Motor vehicle parts manufacturing	2	25	9	f	D	D	D	D	D	D	D	
33639	Other motor vehicle parts manufacturing	2	13	6	f	D	D	D	D	D	D	D	
3364	Aerospace product and parts manufacturing	—	12	6	j	D	D	D	D	D	D	D	
33641	Aerospace product and parts manufacturing	—	12	6	j	D	D	D	D	D	D	D	
336411	Aircraft manufacturing	—	5	3	j	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing	1	50	20	1 396	37 314	1 105	2 327	25 272	78 549	84 423	159 760	2 021
3372	Office furniture (including fixtures) manufacturing	1	19	9	858	24 914	665	1 461	16 696	44 653	62 423	108 499	1 255
33721	Office furniture (including fixtures) manufacturing	1	19	9	858	24 914	665	1 461	16 696	44 653	62 423	108 499	1 255
337215	Showcase, partition, shelving, and locker manufacturing	—	7	3	f	D	D	D	D	D	D	D	
339	Miscellaneous manufacturing	2	61	12	1 069	34 512	719	1 455	15 790	77 271	67 193	145 697	6 580
3399	Other miscellaneous manufacturing	3	41	10	796	25 499	523	1 014	10 819	68 076	47 608	114 603	6 188
FREEMONT													
31-33	Manufacturing	—	21	9	795	37 299	596	1 127	22 317	288 350	342 967	640 542	D
GAINESVILLE													
31-33	Manufacturing	2	43	16	g	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	
33636	Motor vehicle seating and interior trim manufacturing	—	1	1	f	D	D	D	D	D	D	D	
336360	Motor vehicle seating and interior trim manufacturing	—	1	1	f	D	D	D	D	D	D	D	
GALVESTON													
31-33	Manufacturing	6	35	8	701	28 729	532	1 109	18 698	56 840	54 476	111 808	D
332	Fabricated metal product manufacturing	6	9	6	515	21 183	404	861	14 882	42 011	41 997	84 467	D
GARLAND													
31-33	Manufacturing	—	337	103	14 685	529 266	11 092	21 283	324 228	1 895 891	2 116 484	4 000 652	113 028
311	Food manufacturing	—	11	4	867	30 041	731	1 548	23 062	142 108	182 502	324 448	D
315	Apparel manufacturing	3	33	14	980	17 155	762	1 325	11 944	45 064	28 264	71 328	D
3152	Cut and sew apparel manufacturing	8	30	12	f	D	D	D	D	D	D	D	
325	Chemical manufacturing	—	15	7	1 186	50 555	762	1 564	25 096	308 440	584 462	894 033	46 070
3255	Paint, coating, and adhesive manufacturing	—	6	3	744	31 828	496	1 028	15 748	188 201	495 000	683 559	42 992
32551	Paint and coating manufacturing	—	5	2	f	D	D	D	D	D	D	D	
325510	Paint and coating manufacturing	—	5	2	f	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing	2	14	5	531	18 804	450	1 012	13 802	71 873	47 712	119 539	D
3261	Plastics product manufacturing	2	12	5	f	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)				
GARLAND—Con.													
332	Fabricated metal product manufacturing	1	93	29	3 396	106 068	2 624	4 953	67 491	249 602	187 386	435 176	13 314
3323	Architectural and structural metals manufacturing	1	25	14	1 644	48 403	1 251	2 705	30 994	87 846	113 061	201 446	5 637
33232	Ornamental and architectural metal products manufacturing	1	22	13	g	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	1	20	12	1 564	46 215	1 193	2 581	29 709	82 109	108 214	190 852	D
3329	Other fabricated metal product manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	20	3	552	23 580	339	655	11 604	75 351	92 205	166 809	D
334	Computer and electronic product manufacturing	—	29	12	4 344	180 044	3 358	6 140	113 914	729 441	449 973	1 174 385	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	6	3	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	6	3	h	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	3	3	h	D	D	D	D	D	D	D	D
GEORGETOWN													
31-33	Manufacturing	2	33	9	810	30 197	552	1 208	15 873	63 104	53 076	116 655	D
GRAND PRAIRIE													
31-33	Manufacturing	1	211	88	13 323	620 563	9 243	18 683	374 110	1 377 202	1 183 498	2 559 509	87 540
322	Paper manufacturing	—	7	6	701	22 955	550	1 102	15 533	50 994	89 877	141 232	1 468
3222	Converted paper product manufacturing	—	7	6	701	22 955	550	1 102	15 533	50 994	89 877	141 232	1 468
323	Printing and related support activities	3	22	10	895	34 818	577	1 131	16 450	83 878	23 593	108 117	6 792
3231	Printing and related support activities	3	22	10	895	34 818	577	1 131	16 450	83 878	23 593	108 117	6 792
32311	Printing	4	17	8	684	27 597	392	727	10 804	71 844	20 863	93 365	D
326	Plastics and rubber products manufacturing	—	14	8	2 021	73 578	1 703	3 991	58 976	205 003	269 061	472 312	D
3261	Plastics product manufacturing	—	12	7	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	47	16	1 365	52 133	952	1 875	29 624	152 712	86 116	230 260	4 621
334	Computer and electronic product manufacturing	1	10	6	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	5	4	784	24 975	596	1 094	16 680	55 964	64 740	119 860	D
3353	Electrical equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	15	7	3 982	282 721	2 358	4 418	163 770	415 227	263 373	685 545	D
3364	Aerospace product and parts manufacturing	1	9	4	h	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	1	9	4	h	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	10	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GRAPEVINE													
31-33	Manufacturing	-	38	9	1 524	51 932	1 108	1 878	26 690	205 689	153 043	355 884	D
336	Transportation equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
GREENVILLE													
31-33	Manufacturing	2	36	14	1 582	47 487	1 315	2 694	33 506	152 647	147 514	296 765	4 554
326	Plastics and rubber products manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	3	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HALTOM CITY													
31-33	Manufacturing	4	121	31	2 852	92 282	2 194	4 560	57 489	180 108	190 909	370 992	6 553
332	Fabricated metal product manufacturing	2	33	7	515	16 044	404	849	11 494	33 438	16 698	51 913	1 049
333	Machinery manufacturing	-	10	3	565	19 626	390	713	9 736	36 252	41 394	75 298	804
HARLINGEN													
31-33	Manufacturing	-	60	15	2 339	60 898	1 909	3 705	44 453	233 103	338 973	589 254	9 080
313	Textile mills	-	2	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	1	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	1	1	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	1	1	f	D	D	D	D	D	D	D	D
HENDERSON													
31-33	Manufacturing	4	15	7	700	17 656	597	1 298	13 417	53 644	50 241	103 269	D
HOUSTON													
31-33	Manufacturing	1	'2 674	851	'88 262	'3 430 444	'59 917	'119 508	'1 901 892	'9 941 645	'13 158 571	'23 212 989	'668 926
311	Food manufacturing	1	181	48	7 983	243 921	5 525	11 309	144 907	900 171	971 171	1 867 264	D
3115	Dairy product manufacturing	-	10	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	18	13	2 604	70 572	2 124	4 516	46 712	190 334	349 940	536 475	D
31161	Animal slaughtering and processing	-	18	13	2 604	70 572	2 124	4 516	46 712	190 334	349 940	536 475	D
311612	Meat processed from carcasses	-	8	6	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	4	4	692	15 162	611	1 221	11 558	70 264	67 260	137 058	2 203
3118	Bakeries and tortilla manufacturing	2	100	18	h	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	2	87	14	g	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	61	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	24	5	1 481	49 085	623	1 389	22 114	112 707	103 821	216 223	D
3119	Other food manufacturing	2	35	11	1 446	59 211	1 127	2 340	40 184	299 538	242 579	544 002	D
31192	Coffee and tea manufacturing ..	1	7	3	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	1	7	3	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	2	22	5	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	14	10	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	13	10	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	11	9	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing ...	-	6	6	g	D	D	D	D	D	D	D	D
31212	Breweries	-	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	-	2	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	2	60	14	709	17 187	506	943	9 874	35 454	40 532	77 788	D
3149	Other textile product mills	2	36	12	548	13 793	376	701	7 673	28 616	32 223	62 643	D
315	Apparel manufacturing	5	47	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)				
HOUSTON—Con.													
321	Wood product manufacturing	5	60	17	1 696	46 978	1 266	2 564	28 717	123 064	155 281	279 661	7 048
3219	Other wood product manufacturing	6	51	13	1 223	32 886	941	1 842	21 241	97 757	125 583	224 778	5 296
32191	Millwork	7	28	8	735	19 380	602	1 173	13 358	69 396	96 085	166 963	4 257
322	Paper manufacturing	2	30	20	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	28	18	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	2	15	11	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	2	14	11	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	348	63	5 750	199 381	3 933	7 083	114 328	402 970	251 182	666 016	20 081
3231	Printing and related support activities	2	348	63	5 750	199 381	3 933	7 083	114 328	402 970	251 182	666 016	20 081
32311	Printing	2	311	55	i	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	148	33	3 142	115 212	2 091	3 539	65 024	252 881	182 354	440 548	13 780
323113	Commercial screen printing ..	2	40	8	829	25 507	557	1 029	12 521	17 878	21 762	42 397	809
32312	Support activities for printing ..	2	37	8	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	20	9	g	D	D	D	D	D	D	D	81 524
3241	Petroleum and coal products manufacturing	—	20	9	g	D	D	D	D	D	D	D	81 524
32411	Petroleum refineries	—	3	3	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	3	3	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	124	46	5 929	314 824	3 440	7 321	168 169	1 339 337	1 965 274	3 306 856	88 749
3251	Basic chemical manufacturing ...	—	23	9	2 880	178 606	1 530	3 319	92 792	728 957	1 379 785	2 108 695	55 208
32519	Other basic organic chemical manufacturing	—	12	6	2 548	160 591	1 316	2 844	81 335	670 958	1 319 361	1 990 015	49 323
325199	All other basic organic chemical manufacturing	—	11	5	h	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	7	11	6	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	7	11	6	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	2	17	8	991	45 720	550	1 159	21 758	188 706	177 507	367 208	D
32551	Paint and coating manufacturing	3	13	5	813	38 007	456	973	18 576	167 481	150 861	318 065	9 847
325510	Paint and coating manufacturing	3	13	5	813	38 007	456	973	18 576	167 481	150 861	318 065	9 847
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	3	25	8	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	3	33	11	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	3	30	11	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	116	52	6 203	193 847	4 673	9 248	119 991	557 853	542 588	1 108 469	37 021
3261	Plastics product manufacturing ..	1	102	48	5 883	184 533	4 432	8 760	114 227	538 391	522 481	1 069 186	35 725
32611	Plastics packaging materials and un laminated film and sheet manufacturing	4	28	10	1 223	40 829	958	1 915	26 645	110 725	137 752	247 526	16 005
326113	Un laminated plastics film and sheet (except packaging) manufacturing	3	10	4	516	20 236	351	803	11 803	57 718	75 253	133 646	D
32616	Plastics bottle manufacturing ..	—	6	6	f	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	6	6	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	49	23	3 345	97 348	2 514	4 864	58 667	268 797	231 999	511 144	13 392
326199	All other plastics product manufacturing	1	44	21	h	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	98	26	1 737	53 122	1 357	2 823	35 654	197 638	138 970	337 727	12 228
3273	Cement and concrete product manufacturing	1	43	18	1 013	29 699	816	1 710	21 175	126 846	93 330	221 377	9 886
331	Primary metal manufacturing	—	31	12	1 138	40 919	862	1 917	27 879	114 703	158 226	271 371	6 469
3312	Steel product manufacturing from purchased steel	—	8	5	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
HOUSTON—Con.													
332	Fabricated metal product manufacturing	2	'723	'252	'18 506	'669 766	'13 789	'27 213	'419 838	'1 445 793	'1 104 057	'2 539 641	'97 294
3321	Forging and stamping.....	2	22	11	1 264	47 453	898	1 861	25 915	99 547	146 793	246 489	8 017
33211	Forging and stamping.....	2	22	11	1 264	47 453	898	1 861	25 915	99 547	146 793	246 489	8 017
332114	Custom roll forming	1	10	7	727	28 270	508	1 042	13 556	48 908	87 169	136 491	D
3323	Architectural and structural metals manufacturing	3	138	68	4 383	148 871	3 081	6 169	85 532	347 436	332 172	676 277	11 285
33231	Plate work and fabricated structural product manufacturing	4	57	28	1 979	72 234	1 349	2 841	39 735	180 180	148 838	327 711	4 958
332311	Prefabricated metal building and component manufacturing	6	6	4	638	23 450	361	819	10 496	67 450	25 738	93 420	D
332312	Fabricated structural metal manufacturing	3	38	18	1 094	39 714	806	1 633	23 630	92 706	114 140	205 447	D
33232	Ornamental and architectural metal products manufacturing	2	81	40	2 404	76 637	1 732	3 328	45 797	167 256	183 334	348 566	6 327
332322	Sheet metal work manufacturing	2	44	19	1 375	43 524	1 000	1 849	26 559	84 688	107 695	191 102	D
332323	Ornamental and architectural metal work manufacturing ..	2	23	12	540	18 631	393	791	11 411	33 646	27 673	62 148	2 238
3324	Boiler, tank, and shipping container manufacturing	1	21	11	g	D	D	D	D	D	D	D	4 144
3326	Spring and wire product manufacturing	3	29	11	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	3	29	11	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	5	21	6	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	'3	'290	'53	'3 522	'139 008	'2 646	'5 449	'93 584	'293 522	'125 711	'419 718	D
33271	Machine shops	3	'248	'39	'2 665	'109 050	'2 053	'4 159	'74 540	'225 630	'85 669	'311 413	'26 579
332710	Machine shops	3	'248	'39	'2 665	'109 050	'2 053	'4 159	'74 540	'225 630	'85 669	'311 413	'26 579
33272	Turned product and screw, nut, and bolt manufacturing	1	42	14	857	29 958	593	1 290	19 044	67 892	40 042	108 305	D
3328	Coating, engraving, heat treating, and allied activities	1	93	36	2 370	90 053	1 871	3 744	61 611	192 738	92 026	282 588	6 697
33281	Coating, engraving, heat treating, and allied activities ..	1	93	36	2 370	90 053	1 871	3 744	61 611	192 738	92 026	282 588	6 697
332811	Metal heat treating	2	16	9	675	28 353	539	979	19 370	63 831	18 518	82 458	3 151
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	35	15	946	34 012	738	1 447	23 117	81 657	60 960	140 111	2 237
332813	Electroplating, plating, polishing, anodizing, and coloring	2	42	12	749	27 688	594	1 318	19 124	47 250	12 548	60 019	1 309
3329	Other fabricated metal product manufacturing	2	121	62	5 101	173 372	3 966	7 136	111 929	378 256	287 671	659 532	29 990
33291	Metal valve manufacturing	2	55	30	2 114	82 722	1 558	3 239	51 335	190 942	139 733	327 810	14 120
332911	Industrial valve manufacturing	1	24	12	g	D	D	D	D	D	D	D	7 032
332919	Other metal valve and pipe fitting manufacturing	4	25	14	923	33 903	758	1 465	22 666	81 046	66 045	145 761	6 503
33299	All other fabricated metal product manufacturing	3	66	32	2 987	90 650	2 408	3 897	60 594	187 314	147 938	331 722	15 870
332996	Fabricated pipe and pipe fitting manufacturing	2	26	18	2 125	56 379	1 741	2 504	38 280	115 715	112 030	225 790	13 186
332999	All other miscellaneous fabricated metal product manufacturing	4	33	11	717	27 217	565	1 150	17 304	56 776	32 806	88 054	2 192
333	Machinery manufacturing	1	'239	96	'14 417	'661 955	'8 593	'16 854	'309 685	'1 442 358	'1 663 460	'3 146 307	'82 312
3331	Agriculture, construction, and mining machinery manufacturing	1	'84	40	i	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	1	'76	39	i	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	1	'73	38	i	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	17	7	642	31 808	318	631	11 216	84 436	69 821	154 399	2 176
33329	Other industrial machinery manufacturing	1	13	6	574	29 477	274	548	10 159	80 145	67 511	147 856	D
333298	All other industrial machinery manufacturing	-	10	5	f	D	D	D	D	D	D	D	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)
HOUSTON—Con.													
333 3334	Machinery manufacturing—Con. Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	26	10	2 900	99 087	2 307	4 255	64 440	354 801	403 763	854 857	14 886
33341 333415	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	26	10	2 900	99 087	2 307	4 255	64 440	354 801	403 763	854 857	14 886
	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	20	9	2 811	96 499	2 239	4 119	62 725	347 494	399 485	843 552	14 081
3339	Other general purpose machinery manufacturing	2	66	24	2 900	134 487	1 612	3 352	65 448	297 200	528 379	815 094	17 973
33391 333911	Pump and compressor manufacturing	6	19	9	885	41 586	489	1 069	17 567	87 096	98 789	187 088	3 068
33392	Pump and pumping equipment manufacturing ..	7	13	6	f	D	D	D	D	D	D	D	D
333924	Material handling equipment manufacturing	—	17	7	1 319	64 915	648	1 397	32 318	149 814	386 357	522 098	D
	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	4	30	8	696	27 986	475	886	15 563	60 290	43 233	105 908	D
334	Computer and electronic product manufacturing	1	127	53	5 261	261 426	2 938	6 236	108 845	588 210	431 182	1 072 809	28 808
3344	Semiconductor and other electronic component manufacturing	4	23	9	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	4	23	9	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	72	35	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	72	35	h	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	3	3	f	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2	22	13	958	44 765	417	818	13 172	108 315	68 515	178 989	D
334519	Other measuring and controlling device manufacturing	—	12	6	1 059	49 594	852	2 022	35 999	103 712	189 310	335 835	D
335	Electrical equipment, appliance, and component manufacturing	2	65	22	2 963	113 035	2 268	4 829	70 151	291 187	274 780	568 362	11 706
3353	Electrical equipment manufacturing	2	42	12	2 380	88 558	1 851	3 997	55 673	232 490	195 024	430 243	D
33531 335313	Electrical equipment manufacturing	2	42	12	2 380	88 558	1 851	3 997	55 673	232 490	195 024	430 243	D
	Switchgear and switchboard apparatus manufacturing ...	2	10	4	1 760	60 024	1 459	3 148	41 772	165 901	141 916	308 791	8 613
336	Transportation equipment manufacturing	3	50	19	g	D	D	D	D	D	D	D	5 927
3362	Motor vehicle body and trailer manufacturing	2	12	8	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	2	12	8	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	1	10	4	f	D	D	D	D	D	D	D	2 934
33661 336611	Ship and boat building	1	10	4	f	D	D	D	D	D	D	D	2 934
	Ship building and repairing ..	1	10	4	f	D	D	D	D	D	D	D	2 934
337	Furniture and related product manufacturing	1	100	27	3 151	81 805	2 478	4 417	53 326	197 393	184 131	381 056	50 168
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	64	14	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	1	43	10	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	23	5	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	2	23	5	f	D	D	D	D	D	D	D	D

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
HOUSTON—Con.												
337	Furniture and related product manufacturing—Con.											
3379	Other furniture related product manufacturing	—	13	8	g	D	D	D	D	D	D	D
33792	Blind and shade manufacturing	—	6	5	1 447	28 775	1 110	1 742	17 551	57 810	74 747	132 139
337920	Blind and shade manufacturing	—	6	5	1 447	28 775	1 110	1 742	17 551	57 810	74 747	132 139
339	Miscellaneous manufacturing	3	227	55	4 824	157 467	3 477	6 646	94 938	322 458	263 990	582 944
3391	Medical equipment and supplies manufacturing	1	68	14	1 491	53 138	1 110	2 135	35 369	103 768	92 574	196 525
33911	Medical equipment and supplies manufacturing	1	68	14	1 491	53 138	1 110	2 135	35 369	103 768	92 574	196 525
339113	Surgical appliance and supplies manufacturing	—	14	5	685	26 335	593	1 181	20 700	53 883	77 302	131 524
3399	Other miscellaneous manufacturing	4	159	41	3 333	104 329	2 367	4 511	59 569	218 690	171 416	386 419
33995	Sign manufacturing	4	64	15	1 058	33 780	652	1 188	16 137	53 353	44 714	97 490
339950	Sign manufacturing	4	64	15	1 058	33 780	652	1 188	16 137	53 353	44 714	97 490
33999	All other miscellaneous manufacturing	5	63	21	1 803	59 312	1 343	2 651	36 096	137 549	107 097	241 508
339991	Gasket, packing, and sealing device manufacturing	6	18	10	f	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	4	40	10	f	D	D	D	D	D	D	4 482
HUMBLE												
31-33	Manufacturing	2	28	8	536	21 681	379	800	13 617	44 202	31 426	77 551
HURST												
31-33	Manufacturing	2	38	7	578	14 637	464	552	10 081	40 181	54 583	95 586
HUTCHINS												
31-33	Manufacturing	—	14	8	929	26 628	663	1 485	16 129	72 592	102 386	172 188
INGLESIDE												
31-33	Manufacturing	3	13	5	1 532	60 751	1 132	2 173	40 937	52 137	280 983	337 319
332	Fabricated metal product manufacturing	9	2	1	f	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	9	1	1	f	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	9	1	1	f	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	9	1	1	f	D	D	D	D	D	D	D
IRVING												
31-33	Manufacturing	1	223	64	10 559	450 498	5 793	10 780	178 975	1 279 331	1 282 610	2 542 255
311	Food manufacturing	—	9	2	g	D	D	D	D	D	D	D
3119	Other food manufacturing	—	3	2	f	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	3	2	f	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	3	2	f	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	3	2	f	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	2	2	f	D	D	D	D	D	D	D
323	Printing and related support activities	1	51	10	845	37 640	615	1 072	24 189	85 814	114 943	199 449
3231	Printing and related support activities	1	51	10	845	37 640	615	1 072	24 189	85 814	114 943	199 449
32311	Printing	1	44	7	741	32 088	540	922	20 573	74 094	111 392	184 188
333	Machinery manufacturing	6	17	8	719	29 141	462	978	15 425	83 733	79 823	163 146

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)				
IRVING—Con.													
334	Computer and electronic product manufacturing	—	21	12	4 185	207 646	1 498	2 652	50 686	347 707	319 951	652 204	D
3344	Semiconductor and other electronic component manufacturing	—	12	7	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	12	7	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
334516	Analytical laboratory instrument manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	8	24	4	605	18 821	472	892	9 848	80 472	41 025	121 603	3 397
JACKSONVILLE													
31-33	Manufacturing	2	57	28	2 264	63 853	1 784	3 447	41 133	168 098	167 180	335 201	13 650
339	Miscellaneous manufacturing	7	6	3	f	D	D	D	D	D	D	D	D
KATY													
31-33	Manufacturing	5	41	10	547	19 203	412	844	12 662	42 994	43 675	86 580	1 899
KELLER													
31-33	Manufacturing	1	15	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
KENNEDALE													
31-33	Manufacturing	2	38	8	550	21 165	374	778	12 539	41 648	47 825	90 248	1 930
KILGORE													
31-33	Manufacturing	1	34	14	1 472	54 039	1 078	2 057	36 781	172 371	163 693	341 819	5 340
LANCASTER													
31-33	Manufacturing	1	37	12	1 454	44 120	1 181	2 406	30 519	150 459	98 945	246 651	6 040
LA PORTE													
31-33	Manufacturing	1	31	9	1 030	53 449	652	1 433	31 861	194 552	356 764	538 982	D
325	Chemical manufacturing	—	9	5	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
LAREDO													
31-33	Manufacturing	1	94	13	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	6	3	566	10 066	415	659	6 668	42 690	34 733	77 392	D
3399	Other miscellaneous manufacturing	2	6	3	566	10 066	415	659	6 668	42 690	34 733	77 392	D
33999	All other miscellaneous manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	4	3	f	D	D	D	D	D	D	D	D
LEWISVILLE													
31-33	Manufacturing	2	95	27	2 585	74 699	2 019	3 644	49 715	198 780	176 356	375 613	9 236
332	Fabricated metal product manufacturing	—	16	9	f	D	D	D	D	D	D	D	2 164

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
LONGVIEW													
31-33	Manufacturing	-	133	47	i	D	D	D	D	D	D	D	
325	Chemical manufacturing	-	6	2	g	D	D	D	D	D	D	D	
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	g	D	D	D	D	D	D	D	
32521	Resin and synthetic rubber manufacturing	-	2	2	g	D	D	D	D	D	D	D	
325211	Plastics material and resin manufacturing	-	2	2	g	D	D	D	D	D	D	D	
332	Fabricated metal product manufacturing	-	31	12	1 009	42 966	788	1 704	29 892	123 325	155 213	281 164	6 598
333	Machinery manufacturing	2	18	10	f	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	-	10	7	1 272	44 988	1 030	2 223	27 143	99 153	141 870	235 584	D
3362	Motor vehicle body and trailer manufacturing	-	2	2	f	D	D	D	D	D	D	D	
33621	Motor vehicle body and trailer manufacturing	-	2	2	f	D	D	D	D	D	D	D	
336214	Travel trailer and camper manufacturing	-	1	1	f	D	D	D	D	D	D	D	
LUBBOCK													
31-33	Manufacturing	2	226	57	5 246	161 318	3 760	7 089	98 785	489 490	504 341	1 006 447	27 153
311	Food manufacturing	2	23	8	g	D	D	D	D	D	D	D	
332	Fabricated metal product manufacturing	-	35	7	548	17 731	392	724	10 228	54 351	53 503	108 397	D
333	Machinery manufacturing	3	27	15	1 441	47 950	987	1 834	27 045	85 880	91 868	190 052	5 112
3331	Agriculture, construction, and mining machinery manufacturing	5	6	4	f	D	D	D	D	D	D	D	
33312	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	
333120	Construction machinery manufacturing	5	2	2	f	D	D	D	D	D	D	D	
3339	Other general purpose machinery manufacturing	1	9	6	f	D	D	D	D	D	D	D	
LUFKIN													
31-33	Manufacturing	-	52	20	i	D	D	D	D	D	D	33 356	
311	Food manufacturing	-	9	3	2 089	36 459	1 735	3 547	27 334	107 868	131 247	239 726	1 849
3116	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	
31161	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	
331	Primary metal manufacturing	-	4	3	f	D	D	D	D	D	D	3 727	
3315	Foundries	-	3	3	f	D	D	D	D	D	D	D	
33151	Ferrous metal foundries	-	2	2	f	D	D	D	D	D	D	D	
331511	Iron foundries	-	2	2	f	D	D	D	D	D	D	D	
333	Machinery manufacturing	-	5	3	f	D	D	D	D	D	D	D	
MCCALLEN													
31-33	Manufacturing	2	100	28	3 085	87 239	2 043	3 986	44 344	425 364	467 367	901 027	13 369

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MCKINNEY													
31-33	Manufacturing	-	57	23	5 839	282 310	2 849	6 033	98 407	520 989	555 257	1 114 394	D
332	Fabricated metal product manufacturing	2	10	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	9	3	h	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	3	2	h	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
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	-	1	1	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	-	1	1	f	D	D	D	D	D	D	D	D
MANSFIELD													
31-33	Manufacturing	1	73	37	2 795	93 402	2 111	4 269	56 706	213 554	265 321	485 513	12 064
333	Machinery manufacturing	-	11	7	526	16 807	393	690	10 234	25 521	38 910	65 864	229
MARSHALL													
31-33	Manufacturing	-	49	18	1 598	40 342	1 231	2 563	28 501	149 820	123 193	273 734	32 141
337	Furniture and related product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ...	-	3	3	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	-	3	3	f	D	D	D	D	D	D	D	D
MERCEDES													
31-33	Manufacturing	-	12	3	f	D	D	D	D	D	D	D	660
MESQUITE													
31-33	Manufacturing	-	78	24	3 116	114 719	1 914	4 170	54 566	321 849	433 210	757 685	D
339	Miscellaneous manufacturing	-	14	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	14	2	f	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
MIDLAND													
31-33	Manufacturing	6	79	11	735	26 810	544	1 063	17 698	59 700	38 732	97 801	D
MIDLOTHIAN													
31-33	Manufacturing	-	17	8	1 825	90 338	1 451	3 148	66 979	362 479	474 681	829 784	31 993
327	Nonmetallic mineral product manufacturing	-	5	4	634	30 672	512	1 168	24 757	229 799	134 578	361 480	D
3273	Cement and concrete product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
32731	Cement manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
327310	Cement manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	f	D	D	D	D	D	D	D	D
MINERAL WELLS													
31-33	Manufacturing	4	35	13	1 612	50 216	1 037	1 936	22 995	96 188	103 959	201 824	15 305

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MOUNT PLEASANT													
31-33	Manufacturing	-	23	9	h	D	D	D	D	D	D	D	5 586
311	Food manufacturing	-	7	5	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	4	h	D	D	D	D	D	D	D	D
311615	Poultry processing	-	3	3	h	D	D	D	D	D	D	D	D
NACOGDOCHES													
31-33	Manufacturing	1	46	15	4 463	108 658	3 643	6 779	80 829	443 675	655 906	1 084 938	21 283
311	Food manufacturing	-	9	5	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
NAVASOTA													
31-33	Manufacturing	2	18	7	1 243	41 135	1 088	2 325	33 831	173 483	164 454	344 036	D
332	Fabricated metal product manufacturing	1	8	4	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
NEW BRAUNFELS													
31-33	Manufacturing	3	54	19	2 456	71 370	1 639	3 291	38 801	228 380	172 009	412 567	28 733
NORTH RICHLAND HILLS													
31-33	Manufacturing	-	27	6	1 465	48 175	1 151	2 493	34 024	136 739	112 805	254 682	4 136
339	Miscellaneous manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ODESSA													
31-33	Manufacturing	3	134	19	2 070	72 928	1 419	2 748	41 978	176 594	161 613	335 184	5 644
332	Fabricated metal product manufacturing	1	46	8	690	27 704	498	959	16 656	68 662	46 274	112 281	D
ORANGE													
31-33	Manufacturing	-	30	13	2 946	183 379	2 066	4 139	119 986	411 330	908 959	1 296 756	51 429
325	Chemical manufacturing	-	6	5	2 251	157 066	1 531	3 226	102 489	352 892	863 317	1 192 244	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325212	Synthetic rubber 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)				
PARIS													
31-33	Manufacturing	-	40	17	4 162	152 646	3 294	6 429	112 692	1 551 297	636 075	2 187 673	52 394
311	Food manufacturing	-	9	3	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311422	Specialty canning	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	10	4	f	D	D	D	D	D	D	D	D
PASADENA													
31-33	Manufacturing	-	'125	47	'5 969	'303 478	'4 355	'10 665	'202 198	'1 424 532	'3 040 806	'4 397 880	'124 759
311	Food manufacturing	-	6	1	g	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
31141	Frozen food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	'34	26	'3 227	'205 991	'2 057	'5 667	'129 151	'1 188 442	'2 132 603	'3 272 986	'104 607
3251	Basic chemical manufacturing ...	-	'18	12	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	9	7	1 143	73 028	773	3 056	43 395	484 876	338 701	822 197	30 274
325199	All other basic organic chemical manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	8	8	1 254	80 866	702	1 376	49 261	437 595	1 395 454	1 794 525	61 556
32521	Resin and synthetic rubber manufacturing	-	8	8	1 254	80 866	702	1 376	49 261	437 595	1 395 454	1 794 525	61 556
325211	Plastics material and resin manufacturing	-	7	7	g	D	D	D	D	D	D	D	61 556
PEARLAND													
31-33	Manufacturing	5	63	21	1 612	60 587	1 138	2 289	35 680	186 538	104 873	291 544	5 350
PLANO													
31-33	Manufacturing	1	162	44	8 596	'307 759	3 101	6 091	'116 449	1 089 284	801 910	1 782 669	33 464
334	Computer and electronic product manufacturing	-	32	19	5 962	209 680	1 547	3 103	72 260	836 813	571 025	1 285 154	20 360
3342	Communications equipment manufacturing	-	11	9	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	-	7	6	h	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	-	7	6	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	10	7	757	47 137	551	1 115	32 712	208 241	229 896	430 910	D
33441	Semiconductor and other electronic component manufacturing	1	10	7	757	47 137	551	1 115	32 712	208 241	229 896	430 910	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	4	2	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PORT ARTHUR													
31-33	Manufacturing	-	33	15	2 436	127 271	1 994	3 762	100 143	1 638 617	6 557 275	8 089 539	132 524
324	Petroleum and coal products manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	3	3	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	3	3	g	D	D	D	D	D	D	D	D
PORT NECHES													
31-33	Manufacturing	-	15	6	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	4	4	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing....	-	3	3	g	D	D	D	D	D	D	D	D
RICHARDSON													
31-33	Manufacturing	2	154	45	5 252	253 805	2 701	5 513	82 519	494 701	730 372	1 460 724	D
334	Computer and electronic product manufacturing	1	56	30	3 986	210 752	1 817	3 808	59 153	374 754	649 704	1 261 028	D
3342	Communications equipment manufacturing	1	17	11	2 269	130 758	985	1 768	31 354	248 440	479 964	954 591	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	1	11	8	2 135	122 449	954	1 703	29 718	234 320	470 142	930 539	14 573
334220	Radio and television broadcasting and wireless communications equipment manufacturing	1	11	8	2 135	122 449	954	1 703	29 718	234 320	470 142	930 539	14 573
3344	Semiconductor and other electronic component manufacturing	1	24	16	1 383	59 169	704	1 776	21 608	79 258	149 038	242 690	D
33441	Semiconductor and other electronic component manufacturing	1	24	16	1 383	59 169	704	1 776	21 608	79 258	149 038	242 690	D
334413	Semiconductor and related device manufacturing	2	6	5	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
ROCKDALE													
31-33	Manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	g	D	D	D	D	D	D	D	D
331312	Primary aluminum production.....	-	1	1	g	D	D	D	D	D	D	D	D
ROCKWALL													
31-33	Manufacturing	1	43	7	779	28 329	530	989	15 371	74 919	100 538	169 825	D
ROSENBERG													
31-33	Manufacturing	-	29	7	g	D	D	D	D	D	D	D	D
ROUND ROCK													
31-33	Manufacturing	1	70	22	h	D	D	D	D	D	D	D	64 705
326	Plastics and rubber products manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	9	4	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	9	3	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	9	3	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	9	4	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing.....	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	9	4	f	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ROWLETT													
31-33	Manufacturing	4	39	6	664	19 370	487	950	12 733	37 630	30 294	67 463	1 575
SAGINAW													
31-33	Manufacturing	3	33	17	1 048	32 499	875	1 922	24 636	123 729	189 562	309 766	6 217
SAN ANGELO													
31-33	Manufacturing	—	86	24	3 642	127 832	2 806	5 640	81 587	477 894	376 106	851 897	D
311	Food manufacturing	—	16	4	734	18 789	655	1 417	15 322	65 205	161 683	221 382	1 886
3116	Animal slaughtering and processing	—	5	3	f	D	D	D	D	D	D	D	1 094
31161	Animal slaughtering and processing	—	5	3	f	D	D	D	D	D	D	D	1 094
311611	Animal (except poultry) slaughtering	—	4	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	12	4	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	14	3	g	D	D	D	D	D	D	D	3 157
3391	Medical equipment and supplies manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
SAN ANTONIO													
31-33	Manufacturing	2	'903	249	'33 501	'1 056 828	'23 394	'45 635	'582 144	'2 925 657	'3 128 683	'6 056 247	'180 373
311	Food manufacturing	1	101	29	i	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	3	9	5	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	5	4	699	17 583	346	722	7 449	20 440	184 407	204 955	D
311511	Fluid milk manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	8	6	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	8	6	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	50	9	h	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	41	8	2 544	85 209	1 425	2 913	40 296	191 441	129 296	320 354	5 849
311812	Commercial bakeries	—	8	4	g	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	1	17	4	f	D	D	D	D	D	D	D	8 145
312	Beverage and tobacco product manufacturing	3	8	6	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	3	6	4	1 215	44 275	344	671	10 196	270 435	270 931	539 929	12 642
31211	Soft drink and ice manufacturing	3	6	4	1 215	44 275	344	671	10 196	270 435	270 931	539 929	12 642
312111	Soft drink manufacturing	3	4	4	g	D	D	D	D	D	D	D	D
313	Textile mills	—	5	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	2	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	2	1	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	22	5	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	7	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	7	2	f	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	—	6	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SAN ANTONIO—Con.													
315	Apparel manufacturing	2	32	8	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	1	25	5	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	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
316	Leather and allied product manufacturing	9	5	4	g	D	D	D	D	D	D	D	D
3162	Footwear manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
31621	Footwear manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
316214	Women's footwear (except athletic) manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	30	9	1 223	30 128	1 046	1 871	23 174	42 976	70 140	113 399	2 120
3219	Other wood product manufacturing	3	26	7	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	127	25	2 890	86 404	1 625	3 081	44 089	157 639	137 471	307 817	30 965
3231	Printing and related support activities	1	127	25	2 890	86 404	1 625	3 081	44 089	157 639	137 471	307 817	30 965
32311	Printing	1	120	24	2 819	83 531	1 591	3 022	43 089	153 020	135 708	301 435	30 827
323110	Commercial lithographic printing	2	50	10	f	D	D	D	D	D	D	D	3 509
323113	Commercial screen printing	-	17	3	771	23 881	468	1 052	15 108	33 805	38 076	84 137	D
323116	Manifold business forms printing	-	6	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	49	13	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	3	40	11	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	29	8	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	3	27	7	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	'44	20	'1 630	'50 464	'1 273	'2 846	'33 844	'198 521	'155 512	'353 496	'13 029
3273	Cement and concrete product manufacturing	-	'28	18	'1 474	'45 476	'1 181	'2 649	'31 253	'187 128	'144 105	'330 717	'12 317
32739	Other concrete product manufacturing	1	7	7	832	21 555	698	1 577	13 995	60 310	41 427	101 888	1 816
327390	Other concrete product manufacturing	1	7	7	832	21 555	698	1 577	13 995	60 310	41 427	101 888	1 816
332	Fabricated metal product manufacturing	1	'136	'28	'2 194	'63 498	'1 714	'2 955	'40 524	'149 431	'136 941	'285 340	'13 279
3323	Architectural and structural metals manufacturing	1	'54	'14	'1 048	'31 806	'777	'1 348	'19 520	'81 345	'96 447	'177 814	D
33232	Ornamental and architectural metal products manufacturing	1	31	7	590	17 520	427	760	10 799	41 819	42 320	83 810	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	42	7	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	35	16	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	5	3	971	32 219	709	1 454	19 564	72 259	113 383	192 220	970
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	5	3	971	32 219	709	1 454	19 564	72 259	113 383	192 220	970
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	5	3	971	32 219	709	1 454	19 564	72 259	113 383	192 220	970
334	Computer and electronic product manufacturing	-	32	10	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	10	5	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	10	5	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	4	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SAN ANTONIO—Con.													
336	Transportation equipment manufacturing	6	38	15	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	6	16	11	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	6	16	11	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	8	8	6	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	51	15	2 946	80 353	2 516	5 145	56 928	153 632	130 243	284 096	8 031
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	33	9	h	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	1	23	6	2 301	62 100	2 003	4 151	44 593	109 799	94 193	203 911	D
337110	Wood kitchen cabinet and countertop manufacturing ..	1	23	6	2 301	62 100	2 003	4 151	44 593	109 799	94 193	203 911	D
339	Miscellaneous manufacturing	4	'114	'22	'2 111	'66 844	'1 384	'2 608	'32 535	'158 522	'137 407	'299 813	'5 443
3391	Medical equipment and supplies manufacturing	6	52	8	f	D	D	D	D	D	D	D	3 065
33911	Medical equipment and supplies manufacturing	6	52	8	f	D	D	D	D	D	D	D	3 065
3399	Other miscellaneous manufacturing	2	'62	'14	g	D	D	D	D	D	D	D	'2 378
SAN BENITO													
31-33	Manufacturing	-	19	8	837	16 775	741	1 052	13 231	64 791	54 112	118 338	1 406
SAN MARCOS													
31-33	Manufacturing	4	43	15	1 342	47 959	881	1 844	24 803	168 880	128 138	302 392	5 339
SCHULENBURG													
31-33	Manufacturing	1	16	7	677	19 368	570	1 148	12 255	40 847	83 607	124 106	2 097
SEALY													
31-33	Manufacturing	-	12	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SEGUIN													
31-33	Manufacturing	-	45	16	3 751	124 415	2 903	5 908	83 536	546 619	752 212	1 301 606	40 120
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SHERMAN													
31-33	Manufacturing	-	64	22	5 086	229 999	3 512	7 472	128 740	1 077 923	803 742	1 886 895	60 420
332	Fabricated metal product manufacturing	-	17	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	2	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
339	Miscellaneous manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SOUTH HOUSTON													
31-33	Manufacturing	3	52	10	638	21 679	482	982	14 327	42 224	36 899	79 425	1 465
STAFFORD													
31-33	Manufacturing	1	110	32	4 217	208 511	2 103	4 444	72 996	493 301	493 313	980 885	69 834
332	Fabricated metal product manufacturing	2	31	12	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	6	5	641	30 316	363	833	15 502	89 529	42 312	130 940	2 746
33291	Metal valve manufacturing	1	4	4	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	19	7	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
STEPHENVILLE													
31-33	Manufacturing	-	23	7	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
SUGAR LAND													
31-33	Manufacturing	1	51	19	2 837	116 559	1 796	3 767	65 989	340 539	537 341	879 462	29 177
311	Food manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	8	5	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
SULPHUR SPRINGS													
31-33	Manufacturing	-	33	14	1 459	48 800	1 147	2 396	32 383	339 935	287 009	627 504	13 340
332	Fabricated metal product manufacturing	2	7	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SUNNYVALE													
31-33	Manufacturing	—	9	6	690	23 653	464	1 051	12 293	75 161	103 819	176 993	3 044
TAYLOR													
31-33	Manufacturing	1	16	8	g	D	D	D	D	D	D	D	2 649
TEMPLE													
31-33	Manufacturing	2	64	28	'6 077	196 675	4 934	9 170	146 813	796 672	569 307	1 368 678	47 774
326	Plastics and rubber products manufacturing	3	8	6	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	3	6	6	h	D	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	—	2	2	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	4	4	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	'3	'3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	6	6	4	686	16 910	550	1 070	11 420	39 559	42 568	81 732	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	7	2	2	f	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	7	2	2	f	D	D	D	D	D	D	D	D
TERRELL													
31-33	Manufacturing	—	39	19	2 596	94 248	1 540	3 213	41 139	172 722	202 274	375 953	17 583
332	Fabricated metal product manufacturing	—	13	9	1 228	47 449	466	915	12 461	83 090	103 524	187 319	D
3323	Architectural and structural metals manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
TEXARKANA													
31-33	Manufacturing	1	42	13	g	D	D	D	D	D	D	D	D
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

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)				
TEXAS CITY													
31-33	Manufacturing	-	29	12	3 783	278 839	2 442	4 781	136 367	957 238	4 420 527	5 345 484	229 780
324	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	2	2	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	2	2	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
325192	Cyclic crude and intermediate manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
TOMBALL													
31-33	Manufacturing	4	29	12	765	26 612	564	1 179	16 604	69 515	69 236	139 221	3 198
TYLER													
31-33	Manufacturing	1	106	38	7 244	272 022	5 351	10 739	176 048	868 722	1 389 308	2 213 129	67 494
311	Food manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3315	Foundries	-	1	1	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	1	1	g	D	D	D	D	D	D	D	D
331511	Iron foundries	-	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	9	4	h	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	4	3	h	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	4	3	h	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	4	3	h	D	D	D	D	D	D	D	D
VERNON													
31-33	Manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	2	1	f	D	D	D	D	D	D	D	D
VICTORIA													
31-33	Manufacturing	-	58	10	g	D	D	D	D	D	D	D	D
WACO													
31-33	Manufacturing	-	147	74	11 111	369 744	8 432	16 379	250 605	2 419 028	1 412 352	3 825 099	68 444
311	Food manufacturing	-	10	6	h	D	D	D	D	D	D	D	16 710
3113	Sugar and confectionery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	3	1 834	43 714	1 344	3 021	29 548	141 658	246 887	386 640	D
31161	Animal slaughtering and processing	-	3	3	1 834	43 714	1 344	3 021	29 548	141 658	246 887	386 640	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	9	7	g	D	D	D	D	D	D	D	1 227
3219	Other wood product manufacturing	-	8	6	g	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	6	5	1 067	24 235	892	1 491	16 516	49 333	79 177	128 330	D
321991	Manufactured home (mobile home) manufacturing	-	6	5	1 067	24 235	892	1 491	16 516	49 333	79 177	128 330	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WACO—Con.													
322	Paper manufacturing	—	9	8	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	8	7	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	9	5	739	32 223	619	1 254	26 080	127 487	75 626	198 635	5 840
332	Fabricated metal product manufacturing	1	23	8	1 062	40 504	797	1 603	27 575	99 729	109 866	209 822	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	8	3	518	23 210	421	881	17 730	55 973	36 913	92 954	D
333	Machinery manufacturing	—	8	5	f	D	D	D	D	D	D	D	4 223
WAXAHACHIE													
31-33	Manufacturing	1	46	20	2 777	93 413	2 152	4 421	61 004	349 133	309 349	652 743	39 294
326	Plastics and rubber products manufacturing	—	6	6	966	30 657	903	1 850	27 848	95 512	105 715	199 143	D
3261	Plastics product manufacturing ..	—	6	6	966	30 657	903	1 850	27 848	95 512	105 715	199 143	D
32614	Polystyrene foam product manufacturing	1	2	2	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	1	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
WEATHERFORD													
31-33	Manufacturing	2	45	7	758	20 724	588	1 161	11 785	59 195	50 658	110 233	D
WESLACO													
31-33	Manufacturing	1	20	6	794	19 129	627	1 136	12 472	66 988	75 089	143 575	D
WICHITA FALLS													
31-33	Manufacturing	—	106	30	4 755	170 831	3 610	6 537	111 251	528 552	394 912	935 389	29 366
327	Nonmetallic mineral product manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	3	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	24	8	551	19 208	364	665	10 114	47 613	26 750	74 995	D
WILLIS													
31-33	Manufacturing	2	11	5	f	D	D	D	D	D	D	D	D
WYLIE													
31-33	Manufacturing	—	41	12	1 795	67 641	1 368	1 974	43 935	94 479	408 013	514 516	38 261
336	Transportation equipment manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
YOAKUM													
31-33	Manufacturing	1	17	12	1 242	22 149	605	1 165	10 786	95 527	77 841	179 633	D
315	Apparel manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel 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)				
BALANCE OF BELL COUNTY													
31-33	Manufacturing	-	19	6	829	25 319	664	1 473	18 542	60 268	71 930	132 633	2 440
BALANCE OF BEXAR COUNTY													
31-33	Manufacturing	-	67	14	1 306	42 332	954	1 538	24 269	119 326	130 795	252 561	5 207
333	Machinery manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF BOWIE COUNTY													
31-33	Manufacturing	1	23	7	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	5	5	2	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF BRAZORIA COUNTY													
31-33	Manufacturing	-	56	21	8 219	575 678	4 731	9 868	326 626	3 230 790	6 172 907	9 359 191	830 006
324	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	2	2	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	2	2	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	11	9	6 415	476 859	3 332	6 732	252 729	2 886 766	3 630 588	6 474 869	D
3251	Basic chemical manufacturing ...	-	4	4	g	D	D	D	D	D	D	D	D
32511	Petrochemical manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	4	4	h	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	4	4	h	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	4	4	h	D	D	D	D	D	D	D	D
BALANCE OF BROWN COUNTY													
31-33	Manufacturing	-	9	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF CALHOUN COUNTY													
31-33	Manufacturing	-	10	6	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	f	D	D	D	D	D	D	D	D
331311	Alumina refining	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF CAMERON COUNTY													
31-33	Manufacturing	-	25	5	960	21 675	491	913	13 218	47 199	70 958	119 613	2 604
311	Food manufacturing	-	6	2	758	15 519	331	611	8 704	34 641	45 929	80 341	D
3113	Sugar and confectionery product manufacturing	-	2	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
BALANCE OF CHAMBERS COUNTY													
31-33	Manufacturing	-	14	6	f	D	D	D	D	D	D	D	D
BALANCE OF CHEROKEE COUNTY													
31-33	Manufacturing	-	19	9	f	D	D	D	D	D	D	D	2 712
BALANCE OF COLLIN COUNTY													
31-33	Manufacturing	2	47	11	f	D	D	D	D	D	D	D	D
BALANCE OF COMAL COUNTY													
31-33	Manufacturing	1	39	6	526	19 327	338	724	9 834	52 438	43 971	97 098	D
BALANCE OF COOKE COUNTY													
31-33	Manufacturing	-	24	4	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	8	1	g	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
33271	Machine shops	-	4	1	g	D	D	D	D	D	D	D	D
332710	Machine shops	-	4	1	g	D	D	D	D	D	D	D	D
BALANCE OF DALLAS COUNTY													
31-33	Manufacturing	-	18	4	795	32 328	577	1 118	17 452	106 811	39 614	143 670	11 696
327	Nonmetallic mineral product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF EASTLAND COUNTY													
31-33	Manufacturing	-	12	5	518	18 633	396	789	10 642	30 719	44 486	74 760	D
BALANCE OF ECTOR COUNTY													
31-33	Manufacturing	-	99	29	2 158	94 910	1 375	2 885	52 521	386 140	288 009	682 975	D
325	Chemical manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	50	11	710	24 743	509	960	15 157	46 967	25 915	72 747	D
333	Machinery manufacturing	1	24	11	f	D	D	D	D	D	D	D	D
BALANCE OF ELLIS COUNTY													
31-33	Manufacturing	-	46	9	1 076	37 486	897	1 872	28 739	96 066	125 105	220 860	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF EL PASO COUNTY													
31-33	Manufacturing	3	45	15	2 413	62 222	1 942	3 659	44 615	173 312	167 484	344 745	8 968
BALANCE OF FORT BEND COUNTY													
31-33	Manufacturing	1	67	16	1 563	62 014	1 142	2 408	38 722	121 071	133 610	259 549	D
332	Fabricated metal product manufacturing	—	24	5	535	20 743	434	942	15 621	46 938	40 194	88 932	D
BALANCE OF GALVESTON COUNTY													
31-33	Manufacturing	—	43	6	g	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF GONZALES COUNTY													
31-33	Manufacturing	—	8	2	806	17 568	631	1 351	10 496	30 663	73 266	101 677	D
311	Food manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	2	f	D	D	D	D	D	D	D	D
BALANCE OF GRAY COUNTY													
31-33	Manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
BALANCE OF GRAYSON COUNTY													
31-33	Manufacturing	1	34	9	g	D	D	D	D	D	D	D	D
BALANCE OF GREGG COUNTY													
31-33	Manufacturing	—	21	9	1 573	54 449	1 114	2 446	33 372	87 060	133 378	205 541	4 154
333	Machinery manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF GUADALUPE COUNTY													
31-33	Manufacturing	4	35	11	805	30 657	592	1 180	18 461	83 913	69 485	153 278	D
BALANCE OF HALE COUNTY													
31-33	Manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
311	Food manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF HARDIN COUNTY													
31-33	Manufacturing	—	18	7	510	17 185	418	932	11 711	50 639	58 637	109 171	1 502

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 HARRIS COUNTY													
31-33	Manufacturing	-	'1 103	363	'42 489	'2 003 443	'27 651	'56 242	'1 097 460	'8 469 464	'12 463 742	'20 985 684	'1 181 905
321	Wood product manufacturing	3	35	10	f	D	D	D	D	D	D	D	819
3219	Other wood product manufacturing	2	29	9	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	7	5	1 021	45 348	813	1 500	31 863	134 394	176 442	316 466	D
3221	Pulp, paper, and paperboard mills	-	3	3	f	D	D	D	D	D	D	D	D
32212	Paper mills	-	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	5	71	7	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	5	71	7	f	D	D	D	D	D	D	D	D
32311	Printing	5	70	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	107	62	9 959	676 160	5 841	12 158	381 764	5 107 874	9 517 854	14 673 384	559 425
3251	Basic chemical manufacturing ...	-	46	33	6 890	492 593	3 946	8 128	276 665	4 082 503	7 690 481	11 808 710	438 427
32511	Petrochemical manufacturing ..	-	4	4	g	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	11	10	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	-	9	8	f	D	D	D	D	D	D	D	21 773
32519	Other basic organic chemical manufacturing	-	18	14	2 893	203 290	1 749	3 946	119 995	1 165 317	2 782 498	4 005 651	143 352
325199	All other basic organic chemical manufacturing	-	17	13	h	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	16	13	1 499	101 450	972	2 068	65 832	654 022	1 475 417	2 127 657	86 525
32521	Resin and synthetic rubber manufacturing	1	16	13	1 499	101 450	972	2 068	65 832	654 022	1 475 417	2 127 657	86 525
325211	Plastics material and resin manufacturing	1	13	11	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	2	16	7	632	34 338	398	763	17 269	137 814	160 759	298 430	D
32599	All other chemical product and preparation manufacturing ...	2	16	7	632	34 338	398	763	17 269	137 814	160 759	298 430	D
326	Plastics and rubber products manufacturing	2	60	22	1 968	73 998	1 299	2 589	38 246	188 207	186 999	377 333	14 445
3261	Plastics product manufacturing ..	2	51	20	1 875	70 192	1 228	2 445	35 619	181 572	181 065	364 837	13 309
32619	Other plastics product manufacturing	3	32	12	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	4	28	8	682	23 134	550	1 160	14 909	52 100	46 482	98 872	D
327	Nonmetallic mineral product manufacturing	1	39	9	800	26 108	656	1 429	18 944	106 246	132 065	239 450	D
332	Fabricated metal product manufacturing	1	355	124	12 035	453 539	8 803	18 588	283 369	902 224	809 589	1 732 359	86 497
3321	Forging and stamping.....	1	15	9	g	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	1	15	9	g	D	D	D	D	D	D	D	D
332112	Nonferrous forging	-	1	1	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	90	34	4 193	138 085	2 870	5 800	77 673	260 965	307 763	573 289	8 941
33231	Plate work and fabricated structural product manufacturing	-	45	19	2 658	94 218	1 689	3 533	50 641	165 767	219 966	390 233	5 983
332311	Prefabricated metal building and component manufacturing	-	11	6	1 910	65 226	1 220	2 549	36 088	94 617	165 535	264 159	2 619
332312	Fabricated structural metal manufacturing	1	24	9	f	D	D	D	D	D	D	D	3 208
33232	Ornamental and architectural metal products manufacturing	-	45	15	1 535	43 867	1 181	2 267	27 032	95 198	87 797	183 056	2 958
332321	Metal window and door manufacturing	-	4	3	705	15 912	558	1 014	8 915	24 780	39 469	64 435	D
3324	Boiler, tank, and shipping container manufacturing	-	19	12	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	147	29	g	D	D	D	D	D	D	D	31 552
33271	Machine shops	3	130	22	1 556	67 643	1 216	2 416	47 205	154 661	61 914	215 071	14 899
332710	Machine shops	3	130	22	1 556	67 643	1 216	2 416	47 205	154 661	61 914	215 071	14 899
33272	Turned product and screw, nut, and bolt manufacturing	1	17	7	f	D	D	D	D	D	D	D	16 653

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 HARRIS COUNTY—Con.														
332	Fabricated metal product manufacturing—Con.													
3328	Coating, engraving, heat treating, and allied activities	1	19	8	f	D	D	D	D	D	D	D		
33281	Coating, engraving, heat treating, and allied activities ..	1	19	8	f	D	D	D	D	D	D	D		
3329	Other fabricated metal product manufacturing	3	55	28		2 442	92 906	1 760	3 715	56 253	219 235	206 938	452 786	D
33291	Metal valve manufacturing	2	18	9	g	D	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	2	6	4		813	33 102	558	1 235	19 896	78 466	82 304	178 129	D
33299	All other fabricated metal product manufacturing	4	37	19	g	D	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	5	16	12	f	D	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	132	54		6 689	341 180	3 960	7 898	162 586	789 862	738 410	1 542 910	49 557
3331	Agriculture, construction, and mining machinery manufacturing	—	47	26		4 600	248 670	2 546	4 916	111 446	601 199	567 845	1 181 086	42 583
33313	Mining and oil and gas field machinery manufacturing	—	45	26	h	D	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	—	44	26	h	D	D	D	D	D	D	D	D	42 536
3339	Other general purpose machinery manufacturing	4	39	12		616	27 883	363	732	12 591	54 730	57 756	112 456	1 965
334	Computer and electronic product manufacturing	—	39	13	g	D	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	7	3	g	D	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	7	3	g	D	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	4	2	g	D	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	24	7	f	D	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	24	7	f	D	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	17	4		1 098	45 403	478	925	13 250	78 702	125 432	219 513	D
3353	Electrical equipment manufacturing	1	12	3		1 068	44 165	455	872	12 590	76 261	124 471	216 147	D
33531	Electrical equipment manufacturing	1	12	3		1 068	44 165	455	872	12 590	76 261	124 471	216 147	D
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	25	9		1 215	48 856	1 016	2 290	35 610	113 288	71 202	182 575	D
3366	Ship and boat building	1	5	4	f	D	D	D	D	D	D	D	D	D
33661	Ship and boat building	1	5	4	f	D	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	1	5	4	f	D	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	5	70	17		1 952	64 446	1 411	2 350	32 138	167 589	156 722	320 996	D
3399	Other miscellaneous manufacturing	6	49	15		1 618	56 468	1 136	1 819	26 612	143 722	139 310	279 956	D
33999	All other miscellaneous manufacturing	7	23	11		1 251	43 495	869	1 400	20 803	114 992	109 675	222 044	D
339991	Gasket, packing, and sealing device manufacturing	7	9	6		674	23 723	486	652	12 365	74 121	82 849	154 378	D
339999	All other miscellaneous manufacturing	8	12	4	f	D	D	D	D	D	D	D	D	D
BALANCE OF HARRISON COUNTY														
31-33	Manufacturing	—	18	8		1 035	25 021	771	1 569	18 978	112 060	42 402	161 370	7 255
BALANCE OF HAYS COUNTY														
31-33	Manufacturing	—	62	15		1 278	44 374	914	1 802	25 028	135 692	98 429	232 308	D
BALANCE OF HIDALGO COUNTY														
31-33	Manufacturing	—	19	4		752	14 891	656	1 397	10 907	59 937	45 614	104 147	D
BALANCE OF HOOD COUNTY														
31-33	Manufacturing	3	25	6	f	D	D	D	D	D	D	D	D	2 434

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 HUNT COUNTY													
31-33	Manufacturing	-	20	3	f	D	D	D	D	D	D	D	D
BALANCE OF HUTCHINSON COUNTY													
31-33	Manufacturing	-	8	7	g	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
BALANCE OF JACKSON COUNTY													
31-33	Manufacturing	-	6	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF JASPER COUNTY													
31-33	Manufacturing	1	12	4	1 760	82 960	1 328	2 870	59 182	354 313	389 052	762 238	47 386
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF JEFFERSON COUNTY													
31-33	Manufacturing	-	31	16	h	D	D	D	D	D	D	D	117 408
324	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
BALANCE OF JOHNSON COUNTY													
31-33	Manufacturing	-	58	15	1 400	46 945	1 148	2 385	35 245	186 508	155 958	338 747	8 397
327	Nonmetallic mineral product manufacturing	-	6	5	505	19 438	394	921	14 630	126 393	75 677	197 609	D
BALANCE OF KENDALL COUNTY													
31-33	Manufacturing	-	22	6	649	18 290	564	1 087	13 256	91 160	13 995	132 276	3 796
BALANCE OF LAMB COUNTY													
31-33	Manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LAVACA COUNTY													
31-33	Manufacturing	4	35	11	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
BALANCE OF LUBBOCK COUNTY													
31-33	Manufacturing	-	21	8	640	19 585	463	970	10 833	48 799	43 814	93 098	3 854

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 MCLENNAN COUNTY													
31-33	Manufacturing	-	50	13	1 450	45 538	1 006	2 108	25 592	106 342	122 954	229 090	2 170
BALANCE OF MIDLAND COUNTY													
31-33	Manufacturing	1	31	6	608	21 423	426	885	11 480	48 232	47 478	95 330	11 140
BALANCE OF MONTGOMERY COUNTY													
31-33	Manufacturing	2	219	43	3 535	138 387	2 363	4 572	74 380	321 815	265 098	586 852	27 594
332	Fabricated metal product manufacturing	3	72	12	885	34 416	637	1 186	20 192	75 781	46 233	123 044	2 827
333	Machinery manufacturing	-	28	7	854	38 743	512	1 017	18 603	88 526	67 000	156 957	10 615
3331	Agriculture, construction, and mining machinery manufacturing	-	9	4	f	D	D	D	D	D	D	D	9 365
33313	Mining and oil and gas field machinery manufacturing	-	8	4	647	31 504	408	815	15 557	63 941	48 488	114 627	D
333132	Oil and gas field machinery and equipment manufacturing	-	8	4	647	31 504	408	815	15 557	63 941	48 488	114 627	D
BALANCE OF MORRIS COUNTY													
31-33	Manufacturing	-	14	8	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF NUECES COUNTY													
31-33	Manufacturing	-	12	5	h	D	D	D	D	D	D	D	131 507
324	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32411	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	4	3	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF ORANGE COUNTY													
31-33	Manufacturing	-	34	13	1 811	96 887	1 381	2 850	69 672	352 132	574 712	927 840	21 674
325	Chemical manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF PANOLA COUNTY													
31-33	Manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF PARKER COUNTY													
31-33	Manufacturing	2	54	8	645	19 435	513	1 042	13 763	57 903	49 991	106 701	7 180

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 PARMER COUNTY													
31-33	Manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF POLK COUNTY													
31-33	Manufacturing	-	12	3	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
BALANCE OF RANDALL COUNTY													
31-33	Manufacturing	-	13	5	1 179	45 113	1 029	2 264	36 619	145 190	69 278	216 977	D
327	Nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF SMITH COUNTY													
31-33	Manufacturing	1	102	33	3 714	147 660	2 973	5 878	106 224	291 888	413 423	700 632	D
326	Plastics and rubber products manufacturing	-	12	7	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF TARRANT COUNTY													
31-33	Manufacturing	1	104	20	2 436	85 959	1 798	3 559	51 918	209 582	230 955	441 350	12 931
332	Fabricated metal product manufacturing	1	25	4	508	19 050	379	756	12 122	37 849	37 596	74 315	1 025
BALANCE OF TITUS COUNTY													
31-33	Manufacturing	1	14	6	f	D	D	D	D	D	D	D	580
BALANCE OF TRAVIS COUNTY													
31-33	Manufacturing	2	164	31	h	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	16	3	f	D	D	D	D	D	D	D	D
BALANCE OF VICTORIA COUNTY													
31-33	Manufacturing	-	17	3	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF WALLER COUNTY													
31-33	Manufacturing	-	16	10	837	35 064	478	1 038	15 587	100 331	69 674	168 132	6 727

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 WASHINGTON COUNTY													
31-33	Manufacturing	2	23	7	1 074	35 583	754	1 527	22 536	159 858	119 960	278 769	D
311	Food manufacturing	—	9	3	845	28 606	608	1 247	18 974	131 743	89 041	219 989	3 407
3115	Dairy product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF WHARTON COUNTY													
31-33	Manufacturing	—	24	8	688	19 136	562	1 166	12 620	56 349	85 068	142 870	3 002
BALANCE OF WICHITA COUNTY													
31-33	Manufacturing	7	25	10	1 667	61 125	1 385	3 078	48 966	328 915	105 509	434 118	11 228
326	Plastics and rubber products manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	9	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	12	6	f	D	D	D	D	D	D	D	D
BALANCE OF WILLIAMSON COUNTY													
31-33	Manufacturing	1	89	17	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 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
TEXAS	
Companies ¹	N
All establishments ²	'21 450
Establishments with 1 to 19 employees	'15 115
Establishments with 20 to 99 employees	'4 559
Establishments with 100 employees or more	'1 776
All employees ³	'855 658
Total compensation	\$1,000.. '42 443 055
Annual payroll	\$1,000.. '34 105 193
Total fringe benefits	\$1,000.. '8 337 862
Production workers, average for year	number.. '588 198
Production workers on March 12	number.. '589 722
Production workers on May 12	number.. '593 483
Production workers on August 12	number.. '590 055
Production workers on November 12	number.. '578 309
Production worker hours	1,000.. '1 178 189
Production worker wages	\$1,000.. '19 226 054
Total cost of materials	\$1,000.. '187 662 981
Materials, parts, containers, packaging, etc., used	\$1,000.. '168 836 357
Resales	\$1,000.. '7 044 605
Purchased fuels	\$1,000.. '5 700 756
Purchased electricity	\$1,000.. '3 209 858
Contract work	\$1,000.. '2 871 405
Quantity of electricity purchased for heat and power	1,000 kWh.. '74 317 158
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 22 718 743
Total value of shipments	\$1,000.. '310 815 965
Value of resales	\$1,000.. '8 598 758
Value added	\$1,000.. '124 462 554
Total inventories, beginning of year	\$1,000.. '28 295 372
Finished goods inventories	\$1,000.. '12 308 475
Work-in-process inventories	\$1,000.. '6 360 802
Materials and supplies inventories	\$1,000.. '9 626 095
Total inventories, end of year	\$1,000.. '29 885 829
Finished goods inventories	\$1,000.. '12 679 419
Work-in-process inventories	\$1,000.. '7 300 507
Materials and supplies inventories	\$1,000.. '9 905 903
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '158 993 378
Total capital expenditures (new and used)	\$1,000.. '9 916 978
Buildings and other structures (new and used)	\$1,000.. '1 524 446
Machinery and equipment (new and used)	\$1,000.. '8 392 532
Automobiles, trucks, etc., for highway use	\$1,000.. '210 500
Computers and peripheral data processing equipment	\$1,000.. '596 106
All other expenditures for machinery and equipment	\$1,000.. '7 585 926
Total retirements	\$1,000.. '6 164 472
Gross value of depreciable assets at end of year	\$1,000.. '162 745 884
Depreciation charges during year	\$1,000.. '9 265 097
Total rental payments	\$1,000.. '2 266 770
Buildings and other structures	\$1,000.. '1 077 275
Machinery and equipment	\$1,000.. '1 189 495

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

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

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

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

Appendix A.

Explanation of Terms

COMPANY

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

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

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

Establishment

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

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

PAYROLL

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

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

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

TOTAL FRINGE BENEFITS

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

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

NUMBER OF EMPLOYEES

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

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

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

Production Workers

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

All Other Employees

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

PRODUCTION-WORKER HOURS

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

COST OF MATERIALS

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

Included in this item are:

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

Specific materials consumed

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

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

QUANTITY OF ELECTRICITY PURCHASED FOR HEAT AND POWER

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

TOTAL VALUE OF SHIPMENTS

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

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

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

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

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

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

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

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

Duplication in cost of materials and value of shipment

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

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

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

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

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

Specialization and coverage ratio

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

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

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

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

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

VALUE ADDED

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

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

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

TOTAL END-OF-YEAR INVENTORIES

This item is comprised of:

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

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

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

Inventory valuations include:

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

GROSS VALUE OF DEPRECIABLE/DEPLETABLE ASSETS AT BEGINNING OF YEAR

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

Gross value of depreciable/depletable assets includes:

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

Excluded are nondepreciable capital assets including inventories and intangible assets.

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

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

CAPITAL EXPENDITURES FOR NEW AND USED PLANT AND EQUIPMENT

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

These data include expenditures for:

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

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

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

RETIREMENTS OF DEPRECIABLE ASSETS

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

RENTAL PAYMENTS

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

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

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

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

DEPRECIATION CHARGES FOR FIXED ASSETS

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

Appendix B.

NAICS Codes, Titles, and Descriptions

SECTOR 31-33 MANUFACTURING

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

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

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

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

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

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

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

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

311 FOOD MANUFACTURING

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

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

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

3111 ANIMAL FOOD MANUFACTURING

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

31111 ANIMAL FOOD MANUFACTURING

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

311111 DOG AND CAT FOOD MANUFACTURING

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

311119 OTHER ANIMAL FOOD MANUFACTURING

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

3112 GRAIN AND OILSEED MILLING

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

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

31121 FLOUR MILLING AND MALT MANUFACTURING

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

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

311211 FLOUR MILLING

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

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

311212 RICE MILLING

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

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

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

311213 MALT MANUFACTURING

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

31122 STARCH AND VEGETABLE FATS AND OILS MANUFACTURING

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

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

311221 WET CORN MILLING

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

311222 SOYBEAN PROCESSING

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

311223 OTHER OILSEED PROCESSING

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

311225 FATS AND OILS REFINING AND BLENDING

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

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

31123 BREAKFAST CEREAL MANUFACTURING

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

311230 BREAKFAST CEREAL MANUFACTURING

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

3113 SUGAR AND CONFECTIONERY PRODUCT MANUFACTURING

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

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

31131 SUGAR MANUFACTURING

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

311311 SUGARCANE MILLS

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

311312 CANE SUGAR REFINING

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

311313 BEET SUGAR MANUFACTURING

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

31132 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

311320 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS

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

31133 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

311330 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE

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

31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING

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

3114 FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOOD MANUFACTURING

This industry group comprises establishments primarily engaged in the following:

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

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

31141 FROZEN FOOD MANUFACTURING

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

311411 FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING

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

311412 FROZEN SPECIALTY FOOD MANUFACTURING

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

31142 FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING

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

311421 FRUIT AND VEGETABLE CANNING

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

311422 SPECIALTY CANNING

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

311423 DRIED AND DEHYDRATED FOOD MANUFACTURING

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

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

3115 DAIRY PRODUCT MANUFACTURING

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

31151 DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING

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

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

311511 FLUID MILK MANUFACTURING

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

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

311512 CREAMERY BUTTER MANUFACTURING

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

311513 CHEESE MANUFACTURING

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

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

311514 DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING

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

31152 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

311520 ICE CREAM AND FROZEN DESSERT MANUFACTURING

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

3116 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

31161 ANIMAL SLAUGHTERING AND PROCESSING

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

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

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

311611 ANIMAL (EXCEPT POULTRY) SLAUGHTERING

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

311612 MEAT PROCESSED FROM CARCASSES

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

311613 RENDERING AND MEAT BYPRODUCT PROCESSING

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

311615 POULTRY PROCESSING

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

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

3117 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

31171 SEAFOOD PRODUCT PREPARATION AND PACKAGING

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

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

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

311711 SEAFOOD CANNING

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

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

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

311712 FRESH AND FROZEN SEAFOOD PROCESSING

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

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

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

3118 Bakeries and Tortilla Manufacturing

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

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

31181 Bread and Bakery Product Manufacturing

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

311811 Retail Bakeries

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

311812 Commercial Bakeries

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

311813 Frozen Cakes, Pies, and Other Pastries Manufacturing

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

31182 Cookie, Cracker, and Pasta Manufacturing

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

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

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

311821 Cookie and Cracker Manufacturing

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

311822 Flour Mixes and Dough Manufacturing from Purchased Flour

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

311823 Dry Pasta Manufacturing

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

311821 COOKIE AND CRACKER MANUFACTURING

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

311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR

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

311823 DRY PASTA MANUFACTURING

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

31183 TORTILLA MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing tortillas.

311830 TORTILLA MANUFACTURING

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

3119 OTHER FOOD MANUFACTURING

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

31191 SNACK FOOD MANUFACTURING

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

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

311911 ROASTED NUTS AND PEANUT BUTTER MANUFACTURING

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

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

311919 OTHER SNACK FOOD MANUFACTURING

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

31192 COFFEE AND TEA MANUFACTURING

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

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

311920 COFFEE AND TEA MANUFACTURING

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

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

31193 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

311930 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

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

31194 SEASONING AND DRESSING MANUFACTURING

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

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

311941 MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING

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

311942 SPICE AND EXTRACT MANUFACTURING

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

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

31199 ALL OTHER FOOD MANUFACTURING

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

311991 PERISHABLE PREPARED FOOD MANUFACTURING

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

311999 ALL OTHER MISCELLANEOUS FOOD MANUFACTURING

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

312 BEVERAGE AND TOBACCO PRODUCT MANUFACTURING

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

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

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

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

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

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

3121 BEVERAGE MANUFACTURING

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

31211 SOFT DRINK AND ICE MANUFACTURING

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

1. Manufacturing soft drinks;

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

312111 SOFT DRINK MANUFACTURING

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

312112 BOTTLED WATER MANUFACTURING

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

312113 ICE MANUFACTURING

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

31212 BREWERIES

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

312120 BREWERIES

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

31213 WINERIES

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

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

312130 WINERIES

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

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

31214 DISTILLERIES

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

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

312140 DISTILLERIES

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

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

3122 TOBACCO MANUFACTURING

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

31221 TOBACCO STEMMING AND REDRYING

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

312210 TOBACCO STEMMING AND REDRYING

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

31222 TOBACCO PRODUCT MANUFACTURING

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

312221 CIGARETTE MANUFACTURING

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

312229 OTHER TOBACCO PRODUCT MANUFACTURING

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

313 TEXTILE MILLS

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

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

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

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

3131 FIBER, YARN, AND THREAD MILLS

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

31311 FIBER, YARN, AND THREAD MILLS

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

1. spinning yarn

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

313111 YARN SPINNING MILLS

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

313112 YARN TEXTURIZING, THROWING, AND TWISTING MILLS

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

313113 THREAD MILLS

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

3132 FABRIC MILLS

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

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

31321 BROADWOVEN FABRIC MILLS

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

313210 BROADWOVEN FABRIC MILLS

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

31322 NARROW FABRIC MILLS AND SCHIFFLI MACHINE EMBROIDERY

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

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

313221 NARROW FABRIC MILLS

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

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

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

313222 SCHIFFLI MACHINE EMBROIDERY

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

31323 NONWOVEN FABRIC MILLS

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

313230 NONWOVEN FABRIC MILLS

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

31324 KNIT FABRIC MILLS

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

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

313241 WEFT KNIT FABRIC MILLS

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

313249 OTHER KNIT FABRIC AND LACE MILLS

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

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

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

3133 TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS

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

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

31331 TEXTILE AND FABRIC FINISHING MILLS

This industry comprises:

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

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

313311 BROADWOVEN FABRIC FINISHING MILLS

This U.S. industry comprises:

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

313312 TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS

This U.S. industry comprises:

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

31332 FABRIC COATING MILLS

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

313320 FABRIC COATING MILLS

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

314 TEXTILE PRODUCT MILLS

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

3141 TEXTILE FURNISHINGS MILLS

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

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

31411 CARPET AND RUG MILLS

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

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

314110 CARPET AND RUG MILLS

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

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

31412 CURTAIN AND LINEN MILLS

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

314121 CURTAIN AND DRAPERY MILLS

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

314129 OTHER HOUSEHOLD TEXTILE PRODUCT MILLS

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

3149 OTHER TEXTILE PRODUCT MILLS

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

31491 TEXTILE BAG AND CANVAS MILLS

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

314911 TEXTILE BAG MILLS

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

314912 CANVAS AND RELATED PRODUCT MILLS

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

31499 ALL OTHER TEXTILE PRODUCT MILLS

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

314991 ROPE, CORDAGE, AND TWINE MILLS

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

314992 TIRE CORD AND TIRE FABRIC MILLS

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

314999 ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS

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

315 APPAREL MANUFACTURING

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

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

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

3151 APPAREL KNITTING MILLS

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

31511 HOSIERY AND SOCK MILLS

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

315111 SHEER HOSIERY MILLS

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

315119 OTHER HOSIERY AND SOCK MILLS

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

31519 OTHER APPAREL KNITTING MILLS

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

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

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

315191 OUTERWEAR KNITTING MILLS

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

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

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

315192 UNDERWEAR AND NIGHTWEAR KNITTING MILLS

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

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

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

3152 CUT AND SEW APPAREL MANUFACTURING

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

31521 CUT AND SEW APPAREL CONTRACTORS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

31529 OTHER CUT AND SEW APPAREL MANUFACTURING

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

315291 INFANTS' CUT AND SEW APPAREL MANUFACTURING

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

315292 FUR AND LEATHER APPAREL MANUFACTURING

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

315299 ALL OTHER CUT AND SEW APPAREL MANUFACTURING

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

3159 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

31599 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

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

315991 HAT, CAP, AND MILLINERY MANUFACTURING

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

315992 GLOVE AND MITTEN MANUFACTURING

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

315993 MEN'S AND BOYS' NECKWEAR MANUFACTURING

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

315999 OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING

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

316 LEATHER AND ALLIED PRODUCT MANUFACTURING

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

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

3161 LEATHER AND HIDE TANNING AND FINISHING

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

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

31611 LEATHER AND HIDE TANNING AND FINISHING

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

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

316110 LEATHER AND HIDE TANNING AND FINISHING

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

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

3162 FOOTWEAR MANUFACTURING

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

31621 FOOTWEAR MANUFACTURING

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

316211 RUBBER AND PLASTICS FOOTWEAR MANUFACTURING

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

316212 HOUSE SLIPPER MANUFACTURING

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

316213 MEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316214 WOMEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING

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

316219 OTHER FOOTWEAR MANUFACTURING

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

3169 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

31699 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING

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

316991 LUGGAGE MANUFACTURING

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

316992 WOMEN'S HANDBAG AND PURSE MANUFACTURING

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

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

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

316999 ALL OTHER LEATHER GOOD MANUFACTURING

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

321 WOOD PRODUCT MANUFACTURING

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

3211 SAWMILLS AND WOOD PRESERVATION

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

32111 SAWMILLS AND WOOD PRESERVATION

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

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

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

321113 SAWMILLS

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

321114 WOOD PRESERVATION

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

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

3212 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

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

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

32121 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING

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

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

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

321211 HARDWOOD VENEER AND PLYWOOD MANUFACTURING

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

321212 SOFTWOOD VENEER AND PLYWOOD MANUFACTURING

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

321213 ENGINEERED WOOD MEMBER (EXCEPT TRUSS) MANUFACTURING

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

321214 TRUSS MANUFACTURING

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

321219 RECONSTITUTED WOOD PRODUCT MANUFACTURING

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

3219 OTHER WOOD PRODUCT MANUFACTURING

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

32191 MILLWORK

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

321911 WOOD WINDOW AND DOOR MANUFACTURING

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

321912 CUT STOCK, RESAWING LUMBER, AND PLANING

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

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

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

321918 OTHER MILLWORK (INCLUDING FLOORING)

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

32192 WOOD CONTAINER AND PALLET MANUFACTURING

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

321920 WOOD CONTAINER AND PALLET MANUFACTURING

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

32199 ALL OTHER WOOD PRODUCT MANUFACTURING

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

321991 MANUFACTURED HOME (MOBILE HOME) MANUFACTURING

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

321992 PREFABRICATED WOOD BUILDING MANUFACTURING

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

321999 ALL OTHER MISCELLANEOUS WOOD PRODUCT MANUFACTURING

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

322 PAPER MANUFACTURING

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

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

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

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

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

3221 PULP, PAPER, AND PAPERBOARD MILLS

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

32211 PULP MILLS

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

322110 PULP MILLS

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

32212 PAPER MILLS

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

322121 PAPER (EXCEPT NEWSPRINT) MILLS

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

322122 NEWSPRINT MILLS

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

32213 PAPERBOARD MILLS

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

322130 PAPERBOARD MILLS

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

3222 CONVERTED PAPER PRODUCT MANUFACTURING

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

32221 PAPERBOARD CONTAINER MANUFACTURING

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

322211 CORRUGATED AND SOLID FIBER BOX MANUFACTURING

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

322212 FOLDING PAPERBOARD BOX MANUFACTURING

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

322213 SETUP PAPERBOARD BOX MANUFACTURING

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

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

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

322215 NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING

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

32222 PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING

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

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

322221 COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING

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

1. cutting and coating paper and

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

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

322222 COATED AND LAMINATED PAPER MANUFACTURING

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

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

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

322223 PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING

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

322224 UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING

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

322225 LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES

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

322226 SURFACE-COATED PAPERBOARD MANUFACTURING

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

32223 STATIONERY PRODUCT MANUFACTURING

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

322231 DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING

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

322232 ENVELOPE MANUFACTURING

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

322233 STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING

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

32229 OTHER CONVERTED PAPER PRODUCT MANUFACTURING

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

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

Processes used include laminating or lining purchased paper or paperboard.

322291 SANITARY PAPER PRODUCT MANUFACTURING

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

322299 ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING

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

323 PRINTING AND RELATED SUPPORT ACTIVITIES

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

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

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

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

3231 PRINTING AND RELATED SUPPORT ACTIVITIES

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

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

32311 PRINTING

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

323110 COMMERCIAL LITHOGRAPHIC PRINTING

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

323111 COMMERCIAL GRAVURE PRINTING

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

323112 COMMERCIAL FLEXOGRAPHIC PRINTING

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

323113 COMMERCIAL SCREEN PRINTING

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

323114 QUICK PRINTING

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

323115 DIGITAL PRINTING

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

323116 MANIFOLD BUSINESS FORMS PRINTING

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

323117 BOOKS PRINTING

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

323118 BLANKBOOK, LOOSELEAF BINDERS, AND DEVICES MANUFACTURING

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

323119 OTHER COMMERCIAL PRINTING

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

32312 SUPPORT ACTIVITIES FOR PRINTING

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

323121 TRADEBINDING AND RELATED WORK

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

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

323122 PREPRESS SERVICES

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

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

324 PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

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

3241 PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

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

32411 PETROLEUM REFINERIES

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

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

324110 PETROLEUM REFINERIES

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

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

32412 ASPHALT PAVING, ROOFING, AND SATURATED MATERIALS MANUFACTURING

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

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

324121 ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING

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

324122 ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING

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

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

32419 OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

324191 PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING

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

324199 ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

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

325 CHEMICAL MANUFACTURING

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

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

3251 BASIC CHEMICAL MANUFACTURING

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

32511 PETROCHEMICAL MANUFACTURING

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

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

325110 PETROCHEMICAL MANUFACTURING

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

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

32512 INDUSTRIAL GAS MANUFACTURING

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

325120 INDUSTRIAL GAS MANUFACTURING

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

32513 SYNTHETIC DYE AND PIGMENT MANUFACTURING

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

325131 INORGANIC DYE AND PIGMENT MANUFACTURING

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

325132 SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING

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

32518 OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

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

325181 ALKALIES AND CHLORINE MANUFACTURING

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

325182 CARBON BLACK MANUFACTURING

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

325188 ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

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

32519 OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

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

325191 GUM AND WOOD CHEMICAL MANUFACTURING

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

325192 CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING

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

325193 ETHYL ALCOHOL MANUFACTURING

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

325199 ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING

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

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

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

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

32521 RESIN AND SYNTHETIC RUBBER MANUFACTURING

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

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

325211 PLASTICS MATERIAL AND RESIN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in

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

325212 SYNTHETIC RUBBER MANUFACTURING

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

32522 ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING

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

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

325221 CELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

325222 NONCELLULOSIC ORGANIC FIBER MANUFACTURING

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

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

3253 PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

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

32531 FERTILIZER MANUFACTURING

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

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

325311 NITROGENOUS FERTILIZER MANUFACTURING

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

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

325312 PHOSPHATIC FERTILIZER MANUFACTURING

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

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

325314 FERTILIZER (MIXING ONLY) MANUFACTURING

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

32532 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

325320 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING

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

3254 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

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

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

32541 PHARMACEUTICAL AND MEDICINE MANUFACTURING

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

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

325411 MEDICINAL AND BOTANICAL MANUFACTURING

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

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

325412 PHARMACEUTICAL PREPARATION MANUFACTURING

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

325413 IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING

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

325414 BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING

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

3255 PAINT, COATING, AND ADHESIVE MANUFACTURING

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

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

32551 PAINT AND COATING MANUFACTURING

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

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

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

325510 PAINT AND COATING MANUFACTURING

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

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

32552 ADHESIVE MANUFACTURING

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

325520 ADHESIVE MANUFACTURING

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

3256 SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING

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

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

32561 SOAP AND CLEANING COMPOUND MANUFACTURING

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

325611 SOAP AND OTHER DETERGENT MANUFACTURING

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

325612 POLISH AND OTHER SANITATION GOOD MANUFACTURING

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

325613 SURFACE ACTIVE AGENT MANUFACTURING

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

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

32562 TOILET PREPARATION MANUFACTURING

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

325620 TOILET PREPARATION MANUFACTURING

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

3259 OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

32591 PRINTING INK MANUFACTURING

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

325910 PRINTING INK MANUFACTURING

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

32592 EXPLOSIVES MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing explosives.

325920 EXPLOSIVES MANUFACTURING

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

32599 ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

325991 CUSTOM COMPOUNDING OF PURCHASED RESINS

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

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

325992 PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING

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

325998 ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

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

326 PLASTICS AND RUBBER PRODUCTS MANUFACTURING

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

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

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

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

3261 PLASTICS PRODUCT MANUFACTURING

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

32611 PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING

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

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

326111 PLASTICS BAG MANUFACTURING

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

1. converting plastics resins into plastics bags or

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

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

326112 PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

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

326113 UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING

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

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

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

326121 UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING

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

326122 PLASTICS PIPE AND PIPE FITTING MANUFACTURING

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

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

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

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

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

32614 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING

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

32615 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

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

326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING

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

32616 PLASTICS BOTTLE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics bottles.

326160 PLASTICS BOTTLE MANUFACTURING

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

32619 OTHER PLASTICS PRODUCT MANUFACTURING

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

326191 PLASTICS PLUMBING FIXTURE MANUFACTURING

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

326192 RESILIENT FLOOR COVERING MANUFACTURING

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

326199 ALL OTHER PLASTICS PRODUCT MANUFACTURING

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

3262 RUBBER PRODUCT MANUFACTURING

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

32621 TIRE MANUFACTURING

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

326211 TIRE MANUFACTURING (EXCEPT RETREADING)

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

326212 TIRE RETREADING

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

32622 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

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

326220 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING

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

32629 OTHER RUBBER PRODUCT MANUFACTURING

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

326291 RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE

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

326299 ALL OTHER RUBBER PRODUCT MANUFACTURING

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

327 NONMETALLIC MINERAL PRODUCT MANUFACTURING

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

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

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

3271 CLAY PRODUCT AND REFRACTORY MANUFACTURING

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

32711 POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING

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

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

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

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

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

327113 PORCELAIN ELECTRICAL SUPPLY MANUFACTURING

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

32712 CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING

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

327121 BRICK AND STRUCTURAL CLAY TILE MANUFACTURING

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

327122 CERAMIC WALL AND FLOOR TILE MANUFACTURING

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

327123 OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING

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

327124 CLAY REFRACTORY MANUFACTURING

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

327125 NONCLAY REFRACTORY MANUFACTURING

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

3272 GLASS AND GLASS PRODUCT MANUFACTURING

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

32721 GLASS AND GLASS PRODUCT MANUFACTURING

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

327211 FLAT GLASS MANUFACTURING

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

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

327212 OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING

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

327213 GLASS CONTAINER MANUFACTURING

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

327215 GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS

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

3273 CEMENT AND CONCRETE PRODUCT MANUFACTURING

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

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

32731 CEMENT MANUFACTURING

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

327310 CEMENT MANUFACTURING

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

32732 READY-MIX CONCRETE MANUFACTURING

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

327320 READY-MIX CONCRETE MANUFACTURING

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

32733 CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING

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

327331 CONCRETE BLOCK AND BRICK MANUFACTURING

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

327332 CONCRETE PIPE MANUFACTURING

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

32739 OTHER CONCRETE PRODUCT MANUFACTURING

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

327390 OTHER CONCRETE PRODUCT MANUFACTURING

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

3274 LIME AND GYPSUM PRODUCT MANUFACTURING

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

32741 LIME MANUFACTURING

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

327410 LIME MANUFACTURING

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

32742 GYPSUM PRODUCT MANUFACTURING

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

327420 GYPSUM PRODUCT MANUFACTURING

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

3279 OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

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

32791 ABRASIVE PRODUCT MANUFACTURING

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

327910 ABRASIVE PRODUCT MANUFACTURING

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

32799 ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING

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

327991 CUT STONE AND STONE PRODUCT MANUFACTURING

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

327992 GROUND OR TREATED MINERAL AND EARTH MANUFACTURING

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

327993 MINERAL WOOL MANUFACTURING

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

327999 ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING

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

331 PRIMARY METAL MANUFACTURING

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

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

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

3311 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

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

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

33111 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING

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

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

331111 IRON AND STEEL MILLS

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

1. direct reduction of iron ore;

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

331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING

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

3312 STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL

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

33121 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

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

331210 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL

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

33122 ROLLING AND DRAWING OF PURCHASED STEEL

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

331221 ROLLED STEEL SHAPE MANUFACTURING

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

331222 STEEL WIRE DRAWING

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

3313 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

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

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

33131 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING

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

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

331311 ALUMINA REFINING

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

331312 PRIMARY ALUMINUM PRODUCTION

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

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

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

331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM

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

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

331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING

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

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

331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING

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

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

331319 OTHER ALUMINUM ROLLING AND DRAWING

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

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

3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING

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

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

33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING

This industry comprises establishments primarily engaged in:

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

331411 PRIMARY SMELTING AND REFINING OF COPPER

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

1. smelting copper ore and/or
2. the primary refining of copper by electrolytic methods or other processes.

Establishments in this industry make primary copper and copper-based alloys, such as brass and bronze, from ore or concentrates.

331419 PRIMARY SMELTING AND REFINING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

This U.S. industry comprises establishments primarily engaged in:

1. making (primary production) nonferrous metals by smelting ore and/or
2. the primary refining of nonferrous metals by electrolytic methods or other processes.

33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering copper or copper alloys from scraps;
2. alloying purchased copper;
3. rolling, drawing, or extruding shapes, (e.g., bar, plate, sheet, strip, tube, wire) from purchased copper; and
4. recovering copper or copper alloys from scrap and rolling drawing, or extruding shapes (e.g., bar, plate, sheet, strip, tube, wire).

331421 COPPER ROLLING, DRAWING, AND EXTRUDING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire)) from purchased copper and/or
2. recovering copper from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire) in integrated mills.

331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING

This U.S. industry comprises establishments primarily engaged in drawing or drawing and insulating communication and energy wire and cable from purchased copper or in integrated secondary smelting and wire drawing plants.

331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER

This U.S. industry comprises establishments primarily engaged in:

1. recovering copper and copper alloys from scrap and/or
2. alloying purchased copper.

Establishments in this industry make primary forms, such as ingot, wire bar, cake, and slab from copper or copper alloys, such as brass and bronze.

33149 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, EXTRUDING, AND ALLOYING

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering nonferrous metals (except copper and aluminum) and nonferrous metal alloys from scrap;
2. alloying purchased nonferrous metals (except copper and aluminum);
3. rolling, drawing, and extruding shapes from purchased nonferrous metals (except copper and aluminum); and
4. recovering nonferrous metals from scrap (except copper and aluminum) and rolling, drawing, or extruding shapes in integrated facilities.

331491 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) from purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) in integrated mills.

331492 SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

This U.S. industry comprises establishments primarily engaged in:

1. alloying purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap.

Establishments in this industry make primary forms (e.g., bar, billet, bloom, cake, ingot, slab, slug, and wire) using smelting or refining processes.

3315 FOUNDRIES

This industry group comprises establishments primarily engaged in pouring molten metal into molds or dies to form castings. Establishments making castings and further manufacturing, such as machining or assembling, a specific manufactured product are classified in the industry of the finished product. Foundries may perform operations, such as cleaning and deburring, on the castings they manufacture. More involved processes, such as tapping, threading, milling, or machining to tight tolerances, that transform castings into more finished products are classified elsewhere in the manufacturing sector based on the product being made.

Establishments in this industry group make castings from purchased metals or in integrated secondary smelting and casting facilities. When the production of primary metals is combined with making castings, the establishment is classified in 331 with the primary metal being made.

33151 FERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring molten iron and steel into molds of a desired shape to make castings. Establishments in this industry purchase iron and steel made in other establishments.

331511 IRON FOUNDRIES

This U.S. industry comprises establishments primarily engaged in pouring molten pig iron or iron alloys into molds to manufacture castings (e.g., cast iron manhole covers, cast iron pipe, cast iron skillets). Establishments in this industry purchase iron made in other establishments.

331512 STEEL INVESTMENT FOUNDRIES

This U.S. industry comprises establishments primarily engaged in manufacturing steel investment castings. Investment molds are formed by covering a wax shape with a refractory slurry. After the refractory slurry hardens, the wax is melted, leaving a seamless mold. Investment molds provide highly detailed, consistent castings. Establishments in this industry purchase steel made in other establishments.

331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)

This U.S. industry comprises establishments primarily engaged in manufacturing steel castings (except steel investment castings). Establishments in this industry purchase steel made in other establishments.

33152 NONFERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring and/or introducing molten nonferrous metal, under high pressure, into metal molds or dies to manufacture castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331521 ALUMINUM DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten aluminum, under high pressure, into molds or dies to make aluminum die-castings. Establishments in this industry purchase aluminum made in other establishments.

331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten nonferrous metal (except aluminum), under high pressure, into molds to make nonferrous metal die-castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten aluminum into molds to manufacture aluminum castings. Establishments in this industry purchase aluminum made in other establishments.

331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten copper into molds to manufacture copper castings. Establishments in this industry purchase copper made in other establishments.

331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten nonferrous metals (except aluminum and copper) into molds to manufacture nonferrous castings (except aluminum die-castings, nonferrous (except aluminum) die-castings, aluminum castings, and copper castings). Establishments in this industry purchase nonferrous metals, such as nickel, lead, and zinc, made in other establishments.

332 FABRICATED METAL PRODUCT MANUFACTURING

Industries in the Fabricated Metal Product Manufacturing subsector transform metal into intermediate or end products, other than machinery, computers and electronics, and metal furniture or treating metals and metal formed products fabricated elsewhere. Important fabricated metal processes are forging, stamping, bending, forming, and machining, used to shape individual pieces of metal; and other processes, such as welding and assembling, used to join separate parts together. Establishments in this subsector may use one of these processes or a combination of these processes.

The NAICS structure for this subsector distinguishes the forging and stamping processes in a single industry. The remaining industries, in the subsector, group establishments based on similar combinations of processes used to make products.

The manufacturing performed in the Fabricated Metal Product Manufacturing subsector begins with manufactured metal shapes. The establishments in this sector further fabricate the purchased metal shapes into a product. For instance, the Spring and Wire Product Manufacturing industry starts with wire and fabricates such items.

Within manufacturing there are other establishments that make the same products made by this subsector; only these establishments begin production further back in the production process. These establishments have a more integrated operation. For instance, one establishment may manufacture steel, draw it into wire, and make wire products in the same establishment. Such operations are classified in the Primary Metal Manufacturing subsector.

3321 FORGING AND STAMPING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing forgings from purchased metals;
2. Manufacturing metal custom roll forming products;
3. Manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. Manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

33211 FORGING AND STAMPING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing forgings from purchased metals;
2. manufacturing metal custom roll forming products;
3. manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332111 IRON AND STEEL FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing iron and steel forgings from purchased iron and steel by hammering mill shapes. Establishments making iron and steel forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Iron and steel forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332112 NONFERROUS FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing nonferrous forgings from purchased nonferrous metals by hammering mill shapes. Establishments making nonferrous forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Nonferrous forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332114 CUSTOM ROLL FORMING

This U.S. industry comprises establishments primarily engaged in custom roll forming metal products by use of rotary motion of rolls with various contours to bend or shape the products.

332115 CROWN AND CLOSURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in stamping metal crowns and closures, such as bottle caps and home canning lids and rings.

332116 METAL STAMPING

This U.S. industry comprises establishments primarily engaged in manufacturing unfinished metal stampings and spinning unfinished metal products (except crowns, cans, closures, automotive, and coins). Establishments making metal stampings and metal spun products and further manufacturing (e.g., machining, assembling) a specific product are classified in the industry of the finished product. Metal stamping and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332117 POWDER METALLURGY PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powder metallurgy products by compacting them in a shaped die and sintering. Establishments in this industry generally make a wide range of parts on a job or order basis.

3322 CUTLERY AND HANDTOOL MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing nonprecious and precious plated metal cutlery and flatware;
2. Manufacturing nonpowered hand and edge tools;
3. Manufacturing nonpowered handsaws;
4. Manufacturing saw blades, all types (including those for sawing machines); and

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5. Manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

33221 CUTLERY AND HANDTOOL MANUFACTURING

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing nonprecious and precious plated metal cutlery and flatware;
2. manufacturing nonpowered hand and edge tools;
3. manufacturing nonpowered handsaws;
4. manufacturing saw blades, all types (including those for sawing machines); and
5. manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonprecious and precious plated metal cutlery and flatware.

332212 HAND AND EDGE TOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonpowered hand and edge tools (except saws).

332213 SAW BLADE AND HANDSAW MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing nonpowered handsaws and/or
2. manufacturing saw blades, all types (including those for power sawing machines).

332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal kitchen utensils (except cutting-type), pots, and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing one or more of the following:

1. Plate work and fabricated structural product manufacturing and
2. Ornamental and architectural metal products manufacturing.

33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. prefabricated metal buildings, panels and sections;
2. structural metal products; and
3. metal plate work products.

332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing prefabricated metal buildings, panels, and sections.

332312 FABRICATED STRUCTURAL METAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating structural metal products, such as concrete reinforcing bars and fabricated bar joists.

332313 PLATE WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal plate work by cutting, punching, bending, shaping, and welding purchased metal plate.

33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. metal framed windows (i.e., typically using purchased glass) and metal doors;
2. sheet metal work; and
3. ornamental and architectural metal products.

332321 METAL WINDOW AND DOOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal framed windows (typically using purchased glass) and metal doors. Examples of products made by these establishments are: metal door frames; metal framed window and door screens; and metal molding and trim (except automotive).

332322 SHEET METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sheet metal work (except stampings).

332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ornamental and architectural metal work, such as staircases, metal open steel flooring, fire escapes, railings, and scaffolding.

3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Power boiler and heat exchanger manufacturing;
2. Metal tank (heavy gauge) manufacturing; and
3. Metal can, box, and other metal container (light gauge) manufacturing.

33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

33242 METAL TANK (HEAVY GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

332420 METAL TANK (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

33243 METAL CAN, BOX, AND OTHER METAL CONTAINER (LIGHT GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in forming light gauge metal containers.

332431 METAL CAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cans, lids, and ends.

332439 OTHER METAL CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal (light gauge) containers (except cans).

3325 HARDWARE MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

33251 HARDWARE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

332510 HARDWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

3326 SPRING AND WIRE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. Manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

33261 SPRING AND WIRE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

332611 SPRING (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heavy gauge springs by forming, such as cutting, bending, and heat winding, rod or strip stock.

332612 SPRING (LIGHT GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing light gauge springs from purchased wire or strip.

332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated wire products (except springs) made from purchased wire.

3327 MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Machine shops and/or
2. Turned product and screw, nut, and bolt manufacturing.

33271 MACHINE SHOPS

This industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

332710 MACHINE SHOPS

This U.S. industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. machining precision turned products or
2. manufacturing metal bolts, nuts, screws, rivets, and other industrial fasteners.

Included in this industry are establishments primarily engaged in manufacturing parts for machinery and equipment on a customized basis.

332721 PRECISION TURNED PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in machining precision products of all materials on a job or order basis (known as precision turned manufacturers). Generally precision turned product jobs are large volume using machines, such as automatic screw machines, rotary transfer machines, computer numerically controlled (CNC) lathes, or turning centers.

332722 BOLT, NUT, SCREW, RIVET, AND WASHER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal bolts, nuts, screws, rivets, washers, and other industrial fasteners using machines, such as headers, threaders, and nut forming machines.

3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

This industry group comprises establishments primarily engaged in one or more of the following:

1. Heat treating metals and metal products;
2. Enameling, lacquering, and varnishing metals and metal products;
3. Hot dip galvanizing metals and metal products;
4. Engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. Powder coating metals and metal products;
6. Electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. Providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

This industry comprises establishments primarily engaged in one or more of the following:

1. heat treating metals and metal products;
2. enameling, lacquering, and varnishing metals and metal products;
3. hot dip galvanizing metals and metal products;
4. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. powder coating metals and metal products;
6. electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

332811 METAL HEAT TREATING

This U.S. industry comprises establishments primarily engaged in heat treating, such as annealing, tempering, and brazing metals and metal products for the trade.

332812 METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. enameling, lacquering, and varnishing metals and metal products;
2. hot dip galvanizing metals and metal products;
3. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
4. powder coating metals and metal products; and
5. providing other metal surfacing services for the trade.

332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

This U.S. industry comprises establishments primarily engaged in electroplating, plating, anodizing, coloring, buffing, polishing, cleaning, and sandblasting metals and metal products for the trade.

3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, and nuts and bolts).

33291 METAL VALVE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing one or more of the following metal valves:

1. industrial valves;
2. fluid power valves and hose fittings;
3. plumbing fixture fittings and trim; and
4. other metal valves and pipe fittings.

332911 INDUSTRIAL VALVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial valves and valves for water works and municipal water systems.

332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power valves and hose fittings.

332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal and plastics plumbing fixture fittings and trim, such as faucets, flush valves, and shower heads.

332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal valves (except industrial valves, fluid power valves, fluid power hose fittings, and plumbing fixture fittings and trim).

33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metal products, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, and metal valves).

332991 BALL AND ROLLER BEARING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ball and roller bearings of all materials.

332992 SMALL ARMS AMMUNITION MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small arms ammunition.

332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ammunition (except small arms). Examples of products made by these establishments are bombs, depth charges, rockets (except guided missiles), grenades, mines, and torpedoes.

332994 SMALL ARMS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small firearms that are carried and fired by the individual.

332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ordnance (except small arms) and accessories.

332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating, such as cutting, threading, and bending metal pipes and pipe fittings made from purchased metal pipe.

332997 INDUSTRIAL PATTERN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial patterns.

332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing enameled iron and metal sanitary ware.

332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, metal valves, ball and roller bearings, ammunition, small arms and other ordnances, fabricated pipes and pipe fittings, industrial patterns, and enameled iron and metal sanitary ware).

333 MACHINERY MANUFACTURING

Industries in the Machinery Manufacturing subsector create end products that apply mechanical force, for example, the application of gears and levers, to perform work. Some important processes for the manufacture of machinery are forging, stamping, bending, forming, and machining that are used to shape individual pieces of metal. Processes, such as welding and assembling are used to join separate parts together. Although these processes are similar to those used in metal fabricating establishments, machinery manufacturing is different because it typically employs multiple metal forming processes in manufacturing the various parts of the machine. Moreover, complex assembly operations are an inherent part of the production process.

In general, design considerations are very important in machinery production. Establishments specialize in making machinery designed for particular applications. Thus, design is considered to be part of the production process for the purpose of implementing NAICS. The NAICS structure reflects this by defining industries and industry groups that make machinery for different applications. A broad distinction exists between machinery that is generally used in a variety of industrial applications (i.e., general purpose machinery) and machinery that is designed to be used in a particular industry (i.e., special purpose machinery). Three industry groups consist of special purpose machinery--Agricultural, Construction, and Mining Machinery Manufacturing; Industrial Machinery

Manufacturing; and Commercial and Service Industry Machinery Manufacturing. The other industry groups make general-purpose machinery: Ventilation, Heating, Air Conditioning, and Commercial Refrigeration Equipment Manufacturing; Metalworking Machinery Manufacturing; Engine, Turbine, and Power Transmission Equipment Manufacturing; and Other General Purpose Machinery Manufacturing.

3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Agricultural implement manufacturing;
2. Construction machinery manufacturing; and
3. Mining and oil and gas field machinery manufacturing.

33311 AGRICULTURAL IMPLEMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing farm machinery and equipment, powered mowing equipment, and other powered home lawn and garden equipment.

333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing agricultural and farm machinery and equipment and other turf and grounds care equipment, including planting, harvesting, and grass mowing equipment (except lawn and garden-type).

333112 LAWN AND GARDEN TRACTOR AND HOME LAWN AND GARDEN EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powered lawnmowers, lawn and garden tractors, and other home lawn and garden equipment, such as tillers, shredders, and yard vacuums and blowers.

33312 CONSTRUCTION MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

333120 CONSTRUCTION MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing oil and gas field and underground mining machinery and equipment.

333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing underground mining machinery and equipment, such as coal breakers, mining cars, core drills, coal cutters, and rock drills and
2. manufacturing mineral beneficiating machinery and equipment used in surface or underground mines.

333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

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1. manufacturing oil and gas field machinery and equipment, such as oil and gas field drilling machinery and equipment; oil and gas field production machinery and equipment; and oil and gas field derricks; and
 2. manufacturing water well drilling machinery.

3332 INDUSTRIAL MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Sawmill and woodworking machinery manufacturing;
2. Plastics and rubber industry machinery manufacturing; and
3. Other industrial machinery manufacturing.

33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing sawmill and wood-working machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sawmill and woodworking machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction, mining, sawmill and woodworking, and plastics and rubber products making machinery).

333291 PAPER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing paper industry machinery for making paper and paper products, such as pulp making machinery, paper and paperboard making machinery, and paper and paperboard converting machinery.

333292 TEXTILE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing textile machinery for making thread, yarn, and fiber.

333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing printing and bookbinding machinery and equipment, such as printing presses, typesetting machinery, and bindery machinery.

333294 FOOD PRODUCT MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing food and beverage manufacturing-type machinery and equipment, such as dairy product plant machinery and equipment (e.g., homogenizers, pasteurizers, and ice cream freezers), bakery machinery and equipment (e.g., dough mixers, bake ovens, and pastry rolling machines), meat and poultry processing and preparation machinery, and other commercial food products machinery (e.g., slicers, choppers, and mixers).

333295 SEMICONDUCTOR MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wafer processing equipment, semiconductor assembly and packaging equipment, and other semiconductor making machinery.

333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction and mining machinery, sawmill and woodworking machinery, plastics and rubber making machinery, paper and paperboard making machinery, textile machinery, printing machinery and equipment, food manufacturing-type machinery, and semiconductor making machinery).

3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

333311 AUTOMATIC VENDING MACHINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing coin, token, currency, or magnetic card operated vending machines; and/or
2. manufacturing coin operated mechanism for machines, such as vending machines, lockers, and laundry machines.

333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and industrial laundry and drycleaning equipment and pressing machines.

333313 OFFICE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing office machinery (except computers and photocopying equipment), such as mailhandling machinery and equipment, calculators, typewriters, and dedicated word processing equipment.

333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing optical instruments and lens, such as binoculars, microscopes (except electron and proton), telescopes, prisms, and lenses (except ophthalmic);
2. coating or polishing lenses (except ophthalmic); and
3. mounting lenses (except ophthalmic).

333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing photographic and photocopying equipment, such as cameras (except television, video, and digital), projectors, film developing equipment, photocopying equipment, and microfilm equipment.

333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and service industry equipment (except automatic vending machines, commercial laundry, drycleaning and pressing machines, office machinery, optical instruments and lenses, and photographic and photocopying equipment).

3334 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

33341 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

333411 AIR PURIFICATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing stationary air purification equipment, such as industrial dust and fume collection equipment, electrostatic precipitation equipment, warm air furnace filters, air washers, and other dust collection equipment.

333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing attic fans and industrial and commercial fans and blowers, such as commercial exhaust fans and commercial ventilating fans.

333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heating equipment (except electric and warm air furnaces), such as heating boilers, heating stoves, floor and wall furnaces, and wall and baseboard heating units.

333415 AIR-CONDITIONING AND WARM AIR HEATING EQUIPMENT AND COMMERCIAL AND INDUSTRIAL REFRIGERATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing air-conditioning (except motor vehicle) and warm air furnace equipment and/or
2. manufacturing commercial and industrial refrigeration and freezer equipment.

3335 METALWORKING MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

33351 METALWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

333511 INDUSTRIAL MOLD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial molds for casting metals or forming other materials, such as plastics, glass, or rubber.

333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cutting machine tools (except handtools).

333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal forming machine tools (except handtools), such as punching, sheering, bending, forming, pressing, forging, and die-casting machines.

333514 SPECIAL DIE AND TOOL, DIE SET, JIG, AND FIXTURE MANUFACTURING

This U.S. industry comprises establishments, known as tool and die shops, primarily engaged in manufacturing special tools and fixtures, such as cutting dies and jigs.

333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing accessories and attachments for metal cutting and metal forming machine tools.

333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rolling mill machinery and equipment for metal production.

333518 OTHER METALWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal working machinery (except industrial molds; metal cutting machine tools; metal forming machine tools; special dies and tools, die sets, jigs, and fixtures; cutting tools and machine tool accessories; and rolling mill machinery and equipment).

3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing turbines (except aircraft) and complete turbine generator set units, such as steam, hydraulic, gas, and wind.

333612 SPEED CHANGER, INDUSTRIAL HIGH-SPEED DRIVE, AND GEAR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gears, speed changers, and industrial high-speed drives (except hydrostatic).

333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mechanical power transmission equipment (except motor vehicle and aircraft), such as plain bearings, clutches (except motor vehicle and electromagnetic industrial control), couplings, joints, and drive chains.

333618 OTHER ENGINE EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing internal combustion engines (except automotive gasoline and aircraft).

3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in one or more of the following:

1. Pump and compressor manufacturing;
2. Material handling equipment manufacturing; and
3. All other general purpose machinery manufacturing.

33391 PUMP AND COMPRESSOR MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing pumps and compressors, such as general purpose air and gas compressors, nonagricultural spraying and dusting equipment, general purpose pumps and pumping equipment (except fluid power pumps and motors), and measuring and dispensing pumps.

333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose pumps and pumping equipment (except fluid power pumps and motors), such as reciprocating pumps, turbine pumps, centrifugal pumps, rotary pumps, diaphragm pumps, domestic water system pumps, oil well and oil field pumps, and sump pumps.

333912 AIR AND GAS COMPRESSOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose air and gas compressors, such as reciprocating compressors, centrifugal compressors, vacuum pumps (except laboratory), and nonagricultural spraying and dusting compressors and spray gun units.

333913 MEASURING AND DISPENSING PUMP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and dispensing pumps, such as gasoline pumps and lubricating oil measuring and dispensing pumps.

33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing material handling equipment, such as elevators and moving stairs; conveyors and conveying equipment; overhead traveling cranes, hoists, and monorail systems; and industrial trucks, tractors, trailers, and stacker machinery.

333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing elevators and moving stairways.

333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing conveyors and conveying equipment, such as gravity conveyors, trolley conveyors, tow conveyors, pneumatic tube conveyors, carousel conveyors, farm conveyors, and belt conveyors.

333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems.

333924 INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers (i.e., truck-type), such as forklifts, pallet loaders and unloaders, and portable loading docks.

33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilation, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; and material handling equipment).

333991 POWER-DRIVEN HANDTOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power-driven (e.g., battery, corded, and pneumatic) handtools, such as drills, screwguns, circular saws, chain saws, staplers, and nailers.

333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing welding and soldering equipment and accessories (except transformers), such as arc, resistance, gas, plasma, laser, electron beam, and ultrasonic welding equipment; welding electrodes; coated or cored welding wire; and soldering equipment (except handheld).

333993 PACKAGING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing packaging machinery, such as wrapping, bottling, canning, and labeling machinery.

333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING

This U.S. Industry comprises establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and kilns (except cement, chemical, and wood).

333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) cylinders and actuators.

333996 FLUID POWER PUMP AND MOTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) pumps and motors.

333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing scales and balances (except laboratory).

333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilating, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; material handling equipment; power-driven handtools; welding and soldering equipment; packaging machinery; industrial process furnaces and ovens; fluid power cylinders and actuators; fluid power pumps and motors; and scales and balances).

334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING

Industries in the Computer and Electronic Product Manufacturing subsector group establishments that manufacture computers, computer peripherals, communications equipment, and similar electronic products, and establishments that manufacture components for such products. The Computer and Electronic Product Manufacturing industries have been combined in the hierarchy of NAICS because of the economic significance they have attained. Their rapid growth suggests that they will become even more important to the economies of all three North American countries in the future, and in addition their manufacturing processes are fundamentally different from the manufacturing processes of other machinery and equipment. The design and use of integrated circuits and the application of highly specialized miniaturization technologies are common elements in the production technologies of the computer and electronic subsector. Convergence of technology motivates this NAICS subsector. Digitalization of sound recording, for example, causes both the medium (the compact disc) and the equipment to resemble the technologies for recording, storing, transmitting, and manipulating data. Communications technology and equipment have been converging with computer technology. When technologically-related components are in the same sector, it makes it easier to adjust the classification for future changes, without needing to redefine its basic structure. The creation of the Computer and Electronic Product Manufacturing subsector will assist in delineating new and emerging industries because the activities that will serve as the probable sources of new industries, such as computer manufacturing and communications equipment manufacturing, or computers and audio equipment, are brought together. As new activities emerge, they are less likely therefore, to cross the subsector boundaries of the classification.

3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

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1. Store the processing program or programs and the data immediately necessary for the execution of the program;
 2. Can be freely programmed in accordance with the requirements of the user;
 3. Perform arithmetical computations specified by the user; and
 4. Execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

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334111 ELECTRONIC COMPUTER MANUFACTURING

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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 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:

-
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

TEXAS

Abernathy is in Hale and Lubbock Counties.

Abilene is in Jones and Taylor Counties.

Amarillo is in Potter and Randall Counties.

Aransas Pass is in Aransas, Nueces, and San Patricio Counties.

Austin is in Travis and Williamson Counties.

Azle is in Parker and Tarrant Counties.

Baytown is in Chambers and Harris Counties.

Bulverde incorporated in May 1999. This change deletes territory from the Balance of Comal County.

Burleson is in Johnson and Tarrant Counties.

Cactus is now tabulated separately due to a population increase. This change deletes territory from the Balance of Moore County.

Carrollton is in Collin, Dallas, and Denton Counties.

Cedar Hill is in Dallas and Ellis Counties.

Cedar Park is in Travis and Williamson Counties.

Cibolo is in Bexar and Guadalupe Counties; it is now tabulated separately due to a population increase. This change deletes territory from the Balances of Bexar and Guadalupe Counties.

Coppell is in Dallas and Denton Counties.

Copperas Cove is in Bell, Coryell, and Lampasas Counties; it annexed into Bell County in September 1999. This change deletes territory from the Balance of Bell County.

Corpus Christi is in Aransas, Kleberg, Nueces, and San Patricio Counties; it annexed into Aransas County in December 2001.

Crowley is in Johnson and Tarrant Counties.

Dalhart is in Dallam and Hartley Counties.

Dallas is in Collin, Dallas, Denton, Kaufman, and Rockwall Counties.

DeCordova incorporated in January 2000. This change deletes territory from the Balance of Hood County.

Denver City is in Gaines and Yoakum Counties.

Eden is now tabulated separately due to a population increase. This change deletes territory from the Balance of Concho County.

Edgecliff Village corrected from Edgecliff in August 1999.

El Cenizo is now tabulated separately due to a population increase. This change deletes territory from the Balance of Webb County.

Elgin is in Bastrop and Travis Counties; it annexed into Travis County in November 1997. This change deletes territory from the Balance of Travis County.

Fair Oaks Ranch is in Bexar, Comal, and Kendall Counties.

Fairview is now tabulated separately due to a population increase. This change deletes territory from the Balance of Collin County.

Flower Mound is in Denton and Tarrant Counties; it detached from Dallas County before 1990. However, this change was not submitted to the Census Bureau until August 1998. This change adds territory to Grapevine in Dallas County.

Fort Worth is in Denton and Tarrant Counties.

Friendswood is in Galveston and Harris Counties.

Frisco is in Collin and Denton Counties.

Garland is in Collin, Dallas, and Rockwall Counties.

Gladewater is in Gregg and Upshur Counties.

Glenn Heights is in Dallas and Ellis Counties.

Grand Prairie is in Dallas, Ellis, and Tarrant Counties.

Grapevine is in Dallas, Denton, and Tarrant Counties. Grapevine added territory from Flower Mound in August 1998.

Gregory is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of San Patricio County.

Hallettsville is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Lavaca County.

Hamlin is no longer tabulated separately due to a population decrease. This change adds territory to the Balances of Fisher and Jones Counties.

Hedwig Village is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Harris County.

Helotes is now tabulated separately due to a population increase. This change deletes territory from the Balance of Bexar County.

Hideaway incorporated in August 2001. This change deletes territory from the Balance of Smith County.

Houston is in Fort Bend, Harris, and Montgomery Counties.

Ingleside is in Nueces and San Patricio Counties; it annexed into Nueces County in July 1998.

Katy is in Fort Bend, Harris, and Waller Counties.

Kilgore is in Gregg and Rusk Counties.

League City is in Galveston and Harris Counties.

Leander is in Travis and Williamson Counties.

Lewisville is in Dallas and Denton Counties.

Little Elm is now tabulated separately due to a population increase. This change deletes territory from the Balance of Denton County.

Longview is in Gregg and Harrison Counties.

Lytle is no longer tabulated separately due to a population decrease. This change adds territory to the Balances of Bexar and Medina Counties.

McGregor is in Coryell and McLennan Counties.

Mansfield is in Ellis, Johnson, and Tarrant Counties.

Marfa is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Presidio County.

Meadows Place (47337) changed name and code from Meadows (47335) in October 1998. The code for Meadows Place is shown incorrectly in 2002.

Merkel is now tabulated separately due to a population increase. This change deletes territory from the Balance of Taylor County.

Mesquite is in Dallas and Kaufman Counties; it annexed into Kaufman County in July 1999. This change deletes territory from the Balance of Kaufman County.

Midland is in Martin and Midland Counties.

Mineral Wells is in Palo Pinto and Parker Counties.

Missouri City is in Fort Bend and Harris Counties.

Monahans is in Ward and Winkler Counties.

Morgan's Point Resort is now tabulated separately due to a population increase. This change deletes territory from the Balance of Bell County.

Morton is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Cochran County.

Mount Vernon is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Franklin County.

Murphy is now tabulated separately due to a population increase. This change deletes territory from the Balance of Collin County.

New Braunfels is in Comal and Guadalupe Counties.

Odem is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of San Patricio County.

Odessa is in Ector and Midland Counties.

Ovilla is in Dallas and Ellis Counties.

Palmhurst is now tabulated separately due to a population increase. This change deletes territory from the Balance of Hidalgo County.

Palmview is now tabulated separately due to a population increase. This change deletes territory from the Balance of Hidalgo County.

Panhandle is now tabulated separately due to a population increase. This change deletes territory from the Balance of Carson County.

Pearland is in Brazoria, Fort Bend, and Harris Counties; it annexed into Fort Bend County in December 1998. This change deletes territory from the Balance of Fort Bend County.

Pflugerville is in Travis and Williamson Counties; it annexed into Williamson County in March 1999. This change deletes territory from the Balance of Williamson County.

Pinehurst is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Orange County.

Plano is in Collin and Denton Counties.

Port Aransas is now tabulated separately due to a population increase. This change deletes territory from the Balance of Nueces County.

Port Arthur is in Jefferson and Orange Counties; it annexed into Orange County in April 1997. This change deletes territory from the Balance of Orange County.

Portland is in Nueces and San Patricio Counties.

Primera is now tabulated separately due to a population increase. This change deletes territory from the Balance of Cameron County.

Reno (Lamar County) is now tabulated separately due to a population increase. This change deletes territory from the Balance of Lamar County.

Reno (Parker and Tarrant Counties) is no longer tabulated separately due to a population decrease. This change adds territory to the Balances of Parker and Tarrant Counties.

Richardson is in Collin and Dallas Counties.

Roanoke is now tabulated separately due to a population increase. This change deletes territory from the Balance of Denton County.

Round Rock is in Travis and Williamson Counties.

Rowlett is in Dallas and Rockwall Counties.

Royse City is in Collin and Rockwall Counties.

Sachse is in Collin and Dallas Counties.

Salado incorporated in August 2000. This change deletes territory from the Balance of Bell County.

San Antonio is in Bexar and Comal Counties; it annexed into Comal County in July 1998. This change deletes territory from the Balance of Comal County.

San Diego is in Duval and Jim Wells Counties.

San Marcos is in Caldwell and Hays Counties.

Schertz is in Bexar, Comal, and Guadalupe Counties.

Seabrook is in Chambers, Galveston, and Harris Counties.

Seagoville is in Dallas and Kaufman Counties.

Southlake is in Denton and Tarrant Counties.

Stafford is in Fort Bend and Harris Counties.

Stamford is in Haskell and Jones Counties.

Sullivan City incorporated in May 1997. This change deletes territory from the Balance of Hidalgo County.

Sunnyvale is now tabulated separately due to a population increase. This change deletes territory from the Balance of Dallas County.

Texas City is in Chambers and Galveston Counties.

Tomball is in Harris and Montgomery Counties.

Trophy Club is in Denton and Tarrant Counties.

Van Alstyne is in Collin and Grayson Counties; it is now tabulated separately due to a population increase. This change deletes territory from the Balances of Collin and Grayson Counties.

Van Horn is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Culberson County.

Wimberley incorporated in May 2000. This change deletes territory from the Balance of Hays County.

Winnsboro is in Franklin and Wood Counties.

Wolfforth is now tabulated separately due to a population increase. This change deletes territory from the Balance of Lubbock County.

Woodville is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Tyler County.

Wylie is in Collin, Dallas, and Rockwall Counties.

Yoakum is in DeWitt and Lavaca Counties.

Balance of Aransas County lost territory due to the annexation of Corpus Christi into the county.

Balance of Atascosa County includes Lytle (part), which is no longer tabulated separately due to a population decrease.

Balance of Bell County lost territory due to the incorporation of Salado and the annexation of Copperas Cove into the county and no longer includes Morgan's Point Resort, which is tabulated separately due to a population increase.

Balance of Bexar County includes Lytle (part), which is no longer tabulated separately due to a population decrease and no longer includes Cibolo (part) and Helotes, which are tabulated separately due to a population increase.

Balance of Cameron County no longer includes Primera, which is tabulated separately due to a population increase.

Balance of Carson County no longer includes Panhandle, which is tabulated separately due to a population increase.

Balance of Cochran County includes Morton, which is no longer tabulated separately due to a population decrease.

Balance of Collin County no longer includes Fairview and Murphy and Van Alstyne (part), which are tabulated separately due to a population increase.

Balance of Comal County lost territory due to the incorporation of Bulverde and the annexation of San Antonio into the county.

Balance of Concho County no longer includes Eden, which is tabulated separately due to a population increase.

Balance of Culberson County includes Van Horn, which is no longer tabulated separately due to a population decrease.

Balance of Dallas County no longer includes Sunnyvale, which is tabulated separately due to a population increase.

Balance of Denton County no longer includes Little Elm and Roanoke, which are tabulated separately due to a population increase.

Balance of Fisher County includes Hamlin (part), which is no longer tabulated separately due to a population decrease.

Balance of Fort Bend County lost territory due to the annexation of Pearland into the county.

Balance of Franklin County includes Mount Vernon, which is no longer tabulated separately due to a population decrease.

Balance of Grayson County no longer includes Van Alstyne (part), which is tabulated separately due to a population increase.

Balance of Guadalupe County no longer includes Cibolo (part), which is tabulated separately due to a population increase.

Balance of Harris County includes Hedwig Village, which is no longer tabulated separately due to a population decrease.

Balance of Hays County lost territory due to the incorporation of Wimberley.

Balance of Hidalgo County lost territory due to the incorporation of Sullivan City and no longer includes Palmhurst and Palmview, which are tabulated separately due to a population increase.

Balance of Hood County lost territory due to the incorporation of DeCordova.

Balance of Jones County includes Hamlin (part), which is no longer tabulated separately due to a population decrease.

Balance of Kaufman County lost territory due to the annexation of Mesquite into the county.

Balance of Lamar County no longer includes Reno, which is tabulated separately due to a population increase.

Balance of Lavaca County includes Hallettsville, which is no longer tabulated separately due to a population decrease.

Balance of Lubbock County no longer includes Wolfforth, which is tabulated separately due to a population increase.

Balance of Medina County includes Lytle (part), which is no longer tabulated separately due to a population decrease.

Balance of Moore County no longer includes Cactus, which is tabulated separately due to a population increase.

Balance of Nueces County lost territory due to the annexation of Ingleside into the county and no longer includes Port Aransas, which is tabulated separately due to a population increase.

Balance of Orange County includes Pinehurst, which is no longer tabulated separately due to a population decrease and lost territory due to the annexation of Port Arthur into the county.

Balance of Parker County includes Reno (part), which is no longer tabulated separately due to a population decrease.

Balance of Presidio County includes Marfa, which is no longer tabulated separately due to a population decrease.

Balance of San Patricio County includes Gregory and Odem, which is no longer tabulated separately due to a population decrease.

Balance of Smith County lost territory due to the incorporation of Hideaway.

Balance of Tarrant County includes Reno (part), which is no longer tabulated separately due to a population decrease.

Appendix E.

Metropolitan and Micropolitan Statistical Areas

BROWNSVILLE-HARLINGEN-RAYMONDVILLE, TX COMBINED STATISTICAL AREA

Brownsville-Harlingen, TX Metropolitan Statistical Area

Cameron County, TX

Raymondville, TX Micropolitan Statistical Area

Willacy County, TX

CORPUS CHRISTI-KINGSVILLE, TX COMBINED STATISTICAL AREA

Corpus Christi, TX Metropolitan Statistical Area

Aransas County, TX

Nueces County, TX

San Patricio County, TX

Kingsville, TX Micropolitan Statistical Area

Kenedy County, TX

Kleberg County, TX

DALLAS-FORT WORTH, TX COMBINED STATISTICAL AREA

Athens, TX Micropolitan Statistical Area

Henderson County, TX

Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area

Dallas-Plano-Irving, TX Metropolitan Division

Collin County, TX

Dallas County, TX

Delta County, TX

Denton County, TX

Ellis County, TX

Hunt County, TX

Kaufman County, TX

Rockwall County, TX

Fort Worth-Arlington, TX Metropolitan Division

Johnson County, TX

Parker County, TX

Tarrant County, TX

Wise County, TX

Gainesville, TX Micropolitan Statistical Area

Cooke County, TX

Granbury, TX Micropolitan Statistical Area

Hood County, TX

Somervell County, TX

Mineral Wells, TX Micropolitan Statistical Area

Palo Pinto County, TX

HOUSTON-BAYTOWN-HUNTSVILLE, TX COMBINED STATISTICAL AREA

Bay City, TX Micropolitan Statistical Area

Matagorda County, TX

Houston-Baytown-Sugar Land, TX Metropolitan Statistical Area

Austin County, TX

Brazoria County, TX

Chambers County, TX

Fort Bend County, TX

Galveston County, TX

Harris County, TX

Liberty County, TX

Montgomery County, TX

San Jacinto County, TX

Waller County, TX

Huntsville, TX Micropolitan Statistical Area

Walker County, TX

LONGVIEW-MARSHALL, TX COMBINED STATISTICAL AREA

Longview, TX Metropolitan Statistical Area

Gregg County, TX

Rusk County, TX

Upshur County, TX

Marshall, TX Micropolitan Statistical Area

Harrison County, TX

LUBBOCK-LEVELLAND, TX COMBINED STATISTICAL AREA

Levelland, TX Micropolitan Statistical Area

Hockley County, TX

Lubbock, TX Metropolitan Statistical Area

Crosby County, TX

Lubbock County, TX

TYLER-JACKSONVILLE, TX COMBINED STATISTICAL AREA

Jacksonville, TX Micropolitan Statistical Area

Cherokee County, TX

Tyler, TX Metropolitan Statistical Area

Smith County, TX

ABILENE, TX METROPOLITAN STATISTICAL AREA

Callahan County, TX

Jones County, TX

Taylor County, TX

ALICE, TX MICROPOLITAN STATISTICAL AREA

Jim Wells County, TX

AMARILLO, TX METROPOLITAN STATISTICAL AREA

Armstrong County, TX

Carson County, TX

Potter County, TX

Randall County, TX

ANDREWS, TX MICROPOLITAN STATISTICAL AREA

Andrews County, TX

AUSTIN-ROUND ROCK, TX METROPOLITAN STATISTICAL AREA

Bastrop County, TX

Caldwell County, TX

Hays County, TX

Travis County, TX

Williamson County, TX

BEAUMONT-PORT ARTHUR, TX METROPOLITAN STATISTICAL AREA

Hardin County, TX

Jefferson County, TX

Orange County, TX

BEEVILLE, TX MICROPOLITAN STATISTICAL AREA

Bee County, TX

BIG SPRING, TX MICROPOLITAN STATISTICAL AREA

Howard County, TX

BORGER, TX MICROPOLITAN STATISTICAL AREA

Hutchinson County, TX

BRENHAM, TX MICROPOLITAN STATISTICAL AREA

Washington County, TX

BROWNWOOD, TX MICROPOLITAN STATISTICAL AREA

Brown County, TX

COLLEGE STATION-BRYAN, TX METROPOLITAN STATISTICAL AREA

Brazos County, TX

Burleson County, TX

Robertson County, TX

CORSICANA, TX MICROPOLITAN STATISTICAL AREA

Navarro County, TX

DEL RIO, TX MICROPOLITAN STATISTICAL AREA

Val Verde County, TX

DUMAS, TX MICROPOLITAN STATISTICAL AREA

Moore County, TX

EAGLE PASS, TX MICROPOLITAN STATISTICAL AREA

Maverick County, TX

EL CAMPO, TX MICROPOLITAN STATISTICAL AREA

Wharton County, TX

EL PASO, TX METROPOLITAN STATISTICAL AREA

El Paso County, TX

HEREFORD, TX MICROPOLITAN STATISTICAL AREA

Deaf Smith County, TX

KERRVILLE, TX MICROPOLITAN STATISTICAL AREA

Kerr County, TX

KILLEEN-TEMPLE-FORT HOOD, TX METROPOLITAN STATISTICAL AREA

Bell County, TX

Coryell County, TX

Lampasas County, TX

LAMESA, TX MICROPOLITAN STATISTICAL AREA

Dawson County, TX

LAREDO, TX METROPOLITAN STATISTICAL AREA

Webb County, TX

LUFKIN, TX MICROPOLITAN STATISTICAL AREA

Angelina County, TX

MCALLEN-EDINBURG-PHARR, TX METROPOLITAN STATISTICAL AREA

Hidalgo County, TX

MIDLAND, TX METROPOLITAN STATISTICAL AREA

Midland County, TX

MOUNT PLEASANT, TX MICROPOLITAN STATISTICAL AREA

Titus County, TX

NACOGDOCHES, TX MICROPOLITAN STATISTICAL AREA

Nacogdoches County, TX

ODESSA, TX METROPOLITAN STATISTICAL AREA

Ector County, TX

PALESTINE, TX MICROPOLITAN STATISTICAL AREA

Anderson County, TX

PAMPA, TX MICROPOLITAN STATISTICAL AREA

Gray County, TX

Roberts County, TX

PARIS, TX MICROPOLITAN STATISTICAL AREA

Lamar County, TX

PECOS, TX MICROPOLITAN STATISTICAL AREA

Reeves County, TX

PLAINVIEW, TX MICROPOLITAN STATISTICAL AREA

Hale County, TX

RIO GRANDE CITY, TX MICROPOLITAN STATISTICAL AREA

Starr County, TX

SAN ANGELO, TX METROPOLITAN STATISTICAL AREA

Irion County, TX

Tom Green County, TX

SAN ANTONIO, TX METROPOLITAN STATISTICAL AREA

Atascosa County, TX

Bandera County, TX

Bexar County, TX

Comal County, TX

Guadalupe County, TX

Kendall County, TX

Medina County, TX

Wilson County, TX

SHERMAN-DENISON, TX METROPOLITAN STATISTICAL AREA

Grayson County, TX

SNYDER, TX MICROPOLITAN STATISTICAL AREA

Scurry County, TX

STEPHENVILLE, TX MICROPOLITAN STATISTICAL AREA

Erath County, TX

SULPHUR SPRINGS, TX MICROPOLITAN STATISTICAL AREA

Hopkins County, TX

SWEETWATER, TX MICROPOLITAN STATISTICAL AREA

Nolan County, TX

TEXARKANA, TX-TEXARKANA, AR METROPOLITAN STATISTICAL AREA

Miller County, AR

Bowie County, TX

UVALDE, TX MICROPOLITAN STATISTICAL AREA

Uvalde County, TX

VERNON, TX MICROPOLITAN STATISTICAL AREA

Wilbarger County, TX

VICTORIA, TX METROPOLITAN STATISTICAL AREA

Calhoun County, TX

Goliad County, TX

Victoria County, TX

WACO, TX METROPOLITAN STATISTICAL AREA

McLennan County, TX

WICHITA FALLS, TX METROPOLITAN STATISTICAL AREA

Archer County, TX

Clay County, TX

Wichita County, TX

