

Foreign Direct Investment in the United States: Establishment Data for 1987

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IN JUNE 1992, highly detailed establishment-level data on foreign direct investment in the United States (FDIUS) became available for the first time as a result of an ongoing project between the Bureau of Economic Analysis (BEA) and the Bureau of the Census.¹ The project, which linked BEA's enterprise, or company, data with the Census Bureau's establishment, or plant, data was undertaken as a result of the passage of the Foreign Direct Investment and International Financial Data Improvements Act of 1990, which authorized the exchange of confidential data between the two statistical agencies.² The purpose of this exchange was to improve the quality of U.S. Government data on FDIUS so that analysts could better assess the impact of FDIUS on the U.S. economy.

The new data cover the number, employment, payroll, and shipments or sales of the establishments of U.S. affiliates of foreign companies in 1987.³ The data are disaggregated by industry in much finer detail than the previously available company-level data collected by BEA (more than 800 industries, up from 135), and they more precisely indicate the activities conducted by affiliates in specific industries.

The initial data link covered 1987 because that was a benchmark, or census, year for both agencies. In 1993, expanded information will be published for 1989 and 1990 on the man-

ufacturing establishments of U.S. affiliates; this information will include most of the items covered by the Census Bureau's Annual Survey of Manufactures.

The establishment data for U.S. affiliates shed new light on the characteristics of FDIUS and help answer key questions, such as the following.

- How much of U.S. industry is owned by foreign companies? The new data indicate that foreign-owned establishments accounted for only 4 percent of the employment of U.S. businesses. In manufacturing, foreign-owned establishments' employment share was 7 percent. In nearly one-half of 459 detailed manufacturing industries, foreign-owned establishments' employment shares were less than 5 percent; their employment share exceeded 25 percent in only 5 percent of these industries. In a very small number of industries, these establishments accounted for over 50 percent of all-U.S.-business employment.

- Where do foreign companies locate their U.S. operations? Over one-fourth of the employment by foreign-owned establishments is in three States—California, New York, and Texas; their share of total State employment is largest in Delaware (13 percent) and Hawaii (7 percent).

- Do foreign-owned establishments employ larger amounts of capital and skilled labor than other establishments? They tend to be in industries that rely more on physical capital (plant and equipment): The average employment share for foreign-owned establishments was significantly higher in the 50 most capital-intensive manufacturing industries than it was in the 50 least capital-intensive—15 percent, compared with 4 percent. Similarly, they tend to be in industries that have a more skilled labor force: The average employment share for foreign-owned establishments was significantly higher in the 50 most skill-intensive manufacturing industries than it was in the 50 least skill-intensive—13 percent, compared with 2 percent.

- Do foreign-owned establishments spend relatively more for research and development than other establishments? This cannot be measured

1. This article presents only summary data from the project. For more detailed data, see Bureau of Economic Analysis and Bureau of the Census, *Foreign Direct Investment in the United States: Establishment Data for 1987* (Washington, DC: U.S. Government Printing Office, June 1992).

2. In addition to the exchange of data with the Census Bureau, the act also authorized BEA to give the Bureau of Labor Statistics (BLS) access to its foreign direct investment data so that BLS could identify foreign-owned establishments in its database. This year, BLS released data on the number, employment, and payroll of foreign-owned establishments in 1989 and 1990.

3. A U.S. affiliate is a U.S. business enterprise that is owned 10 percent or more, directly or indirectly, by a foreign person. "Person" is broadly defined to include any individual, corporation, branch, partnership, associated group, association, estate, trust, or other organization and any government (including any corporation, institution, or other entity or instrumentality of the government). For convenience, the establishments of U.S. affiliates of foreign companies are sometimes referred to in this article as "foreign-owned establishments." The data presented here for these establishments are not adjusted for percentage of foreign ownership. Thus, for example, the employment data include all employees of any given establishment, even though the foreign investor may own less than 100 percent of the affiliate to which the establishment belongs.

directly with the new data; however, foreign-owned establishments tend to be concentrated in the U.S. industries with the most research and development activity. In the manufacturing industries with the highest research and development activity, the average share of total employment for foreign-owned establishments was 12 percent, considerably above their average employment share of 7 percent in all other manufacturing industries.

- How does the compensation of employees of foreign-owned businesses compare with that of U.S.-owned businesses? According to the new data, the payroll per employee of foreign-owned establishments was 29 percent higher than that of U.S.-owned establishments. In manufacturing, it was 12 percent higher. Within manufacturing, payroll per employee for foreign-owned establishments was at least 5 percent higher than that for U.S.-owned establishments in 50 percent of the 201 detailed manufacturing industries examined; it was at least 5 percent lower in 20 percent of the industries and roughly equal to that of U.S.-owned establishments in 30 percent of the industries.

This article explores these and other questions that can be addressed using the new establishment data. The remainder of the article consists of four sections and a technical note. The first section explains how the establishment data differ from and complement the enterprise data on *FDIUS* that *BEA* collects. The second provides an overview of the establishment data for 1987. The third examines characteristics of the manufacturing industries in which foreign-owned establishments are most active. The fourth compares the payroll per employee of foreign-owned and U.S.-owned manufacturing establishments. The technical note describes differences between the establishment and enterprise data in terms of coverage, definition, measurement, and classification.

Establishment and Enterprise Data Compared

Because they more precisely measure activities in particular industries and are more detailed than enterprise data, the establishment data are especially useful for analyzing the activities and importance of U.S. affiliates of foreign companies in specific industries. On an establishment basis, data are collected for each plant or location of an enterprise, and these data are classified by industry according to the major activity of that

plant or location. On an enterprise basis, in contrast, all of a company's plants or locations are consolidated on a single report and classified in a single industry—the one that accounts for the largest share of the company's activity. Because U.S. affiliates are often highly diversified, they are likely to have activities in industries other than the one in which they are classified.

Establishment data also provide industry information in greater detail than is appropriate for enterprise data. Because enterprises may be diverse, it is not meaningful to classify them in industries that are narrowly defined. Consequently, in the *BEA* data, enterprises are classified only at a level that roughly approximates the Standard Industrial Classification (*SIC*) three-digit level. At this level, there are 135 industries. Because individual establishments are less diversified than enterprises, they can be meaningfully classified at a more detailed level; accordingly, in the new establishment data, they are classified at the *SIC* four-digit level, which includes over 800 industries.

In addition, the establishment data provide much more detailed industry data within individual States than has been available in the past. Previously, data by State were available only for the major industry divisions and for a few two-digit industries. The establishment data expand the maximum detail shown by State to the *SIC* four-digit level.

The establishment data for U.S. affiliates complement *BEA*'s enterprise data, which are needed for analyzing the overall significance of, and trends in, *FDIUS* and for compiling the U.S. international transactions accounts, the international investment position of the United States, and the U.S. national income and product accounts. The data on positions of and transactions between U.S. affiliates and their foreign parents exist only at the enterprise level. In addition, analyses of some topics, such as profits and taxes, are appropriate only at the enterprise level because the critical, nonduplicative financial and operating data—such as balance sheets and income statements—that are needed for these purposes exist only at that level.

At the aggregate level, the Census Bureau establishment and *BEA* enterprise data for 1987 were very similar. About 90 percent of the *BEA* affiliates with employment linked to one or more Census Bureau establishments, and these affiliates accounted for 97 percent of all affiliate employment. The linked affiliates' employment was almost the same in *BEA*'s enterprise data and

the Census Bureau establishment data—3,229,200 and 3,228,900, respectively. The 300-employee difference reflects the net effect of differences in coverage, definition, and measurement; these differences are discussed in the [technical note](#), which begins on page 54.

Although close at the aggregate level, the BEA and Census Bureau data for individual industries often differed significantly. The differences tended to be largest for the industries that contained a concentration of highly diversified enterprises—that is, enterprises with significant portions of their activities accounted for by establishments in secondary industries. The larger enterprises in wholesale trade and manufacturing tended to be particularly diversified. Almost one-half of the employment of foreign-owned en-

terprises in wholesale trade was accounted for by establishments in secondary industries—mainly manufacturing, retail trade, and services. Similarly, about one-fourth of the employment of foreign-owned enterprises in manufacturing was accounted for by establishments in secondary industries—mainly wholesale trade, retail trade, services, and mining.

Overview of the 1987 Establishment Data

In 1987, foreign-owned U.S. companies that linked had 66,900 establishments employing 3,228,900 workers with a payroll of \$81.1 billion. These foreign-owned establishments accounted for 1 percent of the number, 4 percent of the employment, and 5 percent of the payroll of all U.S.

Table A.—Overview of Establishment Data for U.S. Affiliates, by Industry of Establishment, 1987

Industry	U.S. affiliates				U.S. affiliates as a percentage of all U.S. businesses ¹			
	Number of establishments	Number of employees	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
			Payroll	Shipments or sales				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
All industries	66,878	3,228,896	81,065	n.a.	1.1	3.7	4.7	n.a.
Agricultural services, forestry, and fishing	96	2,106	51	n.a.	.1	.5	.8	n.a.
Mining	1,299	97,622	3,645	26,525	3.9	14.0	16.8	16.8
Construction ²	643	51,422	1,647	9,142	.1	1.0	1.5	1.8
Manufacturing	8,151	1,311,398	36,696	237,106	2.2	6.9	7.7	9.6
Food and kindred products	747	110,164	2,583	28,504	3.6	7.6	8.5	8.6
Textile mill products	116	29,319	557	2,794	1.9	4.4	4.9	4.5
Apparel and other textile products	57	9,466	154	802	.2	.9	1.1	1.2
Lumber and wood products	130	13,849	279	1,840	.4	2.0	2.2	2.6
Furniture and fixtures	69	15,406	257	1,266	.6	3.0	2.8	3.4
Paper and allied products	273	43,261	1,240	8,319	4.3	7.1	7.4	7.6
Printing and publishing	456	51,761	1,277	6,426	.7	3.5	3.8	4.7
Chemicals and allied products	1,148	171,759	5,732	54,599	9.5	21.1	22.9	23.8
Petroleum and coal products manufacturing	213	18,201	679	26,197	9.5	15.7	17.0	20.1
Rubber and miscellaneous plastics products	417	64,220	1,551	8,319	2.9	7.7	8.8	9.6
Stone, clay, and glass products	849	64,525	1,681	9,275	5.2	12.3	13.6	15.1
Primary metal industries	311	78,119	2,292	17,834	4.7	11.1	11.6	14.8
Fabricated metal products	401	61,434	1,607	7,305	1.1	4.2	4.6	5.0
Machinery, except electrical	675	115,976	3,193	14,289	1.3	6.3	6.3	6.6
Electric and electronic equipment	562	170,320	4,028	21,438	3.5	10.9	10.4	12.5
Transportation equipment	163	55,783	1,568	14,679	1.6	3.1	2.7	4.4
<i>Of which:</i>								
Motor vehicles and equipment	97	40,456	1,141	12,890	2.2	5.4	4.8	6.3
Instruments and related products	320	72,839	1,980	7,761	3.1	7.4	6.9	7.2
Other manufacturing ³	170	34,284	720	5,458	.6	1.9	1.3	8.8
Administrative and auxiliary	1,074	130,712	5,318	n.a.	10.8	10.6	11.3	n.a.
Transportation and public utilities ⁴	2,164	94,284	2,339	n.a.	1.0	1.8	1.7	n.a.
Wholesale trade	12,789	343,348	10,907	380,137	2.7	6.1	8.2	15.1
<i>Of which:</i>								
Motor vehicles and equipment	839	30,233	881	79,851	1.8	6.3	8.9	24.4
Retail trade	24,403	628,793	7,096	54,022	1.6	3.5	4.0	3.6
Finance, insurance, and real estate ²	8,316	310,852	12,120	n.a.	1.6	4.6	7.1	n.a.
Services	9,058	390,674	6,611	16,302	.6	2.4	2.3	2.1
Private education and noncommercial establishments	14	225	6	13	.1	.1	.1	.1
Unclassified establishments	47	567	15	n.a.	.1	.3	.3	n.a.

n.a. Not available.

1. In accordance with Census Bureau practice, percentages between 0 and 0.15 are shown as 0.1.

2. Includes "land subdividers and developers, except cemeteries" (SIC 6552).

3. Consists of the following SIC two-digit industries: Tobacco products, leather and leather products, and miscellaneous manufacturing industries.

4. Excludes railroads.

NOTE.—In this table, unlike in most BEA tables published elsewhere on direct investment, petroleum is not shown as a separate major industry. Instead, in order to be consistent with Census Bureau practice, data for the various petroleum subindustries are distributed among the other major industries. Thus, manufacturing includes petroleum and coal products, wholesale trade includes petroleum wholesale trade, retail trade includes gasoline service stations, and so on.

business establishments.⁴ Their shares of employment and payroll were larger than their share of the number of establishments because they tend to be larger, on average, than U.S.-owned establishments. Also, foreign-owned establishments tend to be more concentrated in industries, such as manufacturing, in which establishments were relatively large.

Table A shows, at a highly aggregated industry level, each of the items available for foreign-owned establishments: Number of establishments, employment, payroll, and shipments or sales.⁵ More detailed data are shown in tables 1-7 at the end of the article.

By industry

Among the major industries, foreign-owned establishments' shares of all-U.S.-business employment were largest in mining (14 percent), manufacturing (7 percent), and wholesale trade (6 percent). Foreign-owned establishments also accounted for relatively large shares of payroll and shipments in these industries: In mining, 17 percent of both payroll and shipments; in manufacturing, 8 percent of payroll and 10 percent of shipments; and in wholesale trade, 8 percent of payroll and 15 percent of shipments. In order to simplify the discussion and because shipments or sales data are not available for some industries (see footnote 5), the remainder of this section focuses on employment.

Employment shares for foreign-owned establishments were smallest in agricultural services, forestry, and fishing and in construction (1 percent in each). They were also relatively small in transportation and public utilities and in services (2 percent in each).

Among the manufacturing industries shown in table A, employment shares for foreign-owned establishments were largest in chemicals (21 percent), petroleum and coal products (16 percent), stone, clay, and glass products (12 percent), primary metal industries (11 percent), and electric and electronic equipment (11 percent). Shares were smallest in apparel and other textile products (1 percent), "other manufacturing"

(2 percent), lumber and wood products (2 percent), furniture and fixtures (3 percent), and transportation equipment (3 percent). Within transportation equipment, foreign-owned establishments' share of total employment in motor vehicle manufacturing, which includes both automobile and truck manufacturing, was 5 percent.

At the SIC four-digit level, foreign-owned establishments had operations in 424 of the 459 industries in manufacturing. Their shares of total employment varied considerably across these 424 industries. In 175 of these industries, foreign-owned establishments accounted for under 5 percent of total employment, whereas in 25 industries, they accounted for over 25 percent (table B). In a few of the industries in the latter group, they accounted for over 50 percent of total employment. For example, in both hydraulic cement and noncellulosic organic fibers (which consists mainly of polyester and nylon manufacturing), foreign-owned establishments accounted for more than 60 percent of total employment.

As might be expected, most of the four-digit industries with the largest employment shares for foreign-owned establishments were in the two-digit industries with the largest shares for foreign-owned establishments. For example, of the 25 four-digit industries in which the foreign-owned share was 25 percent or more, 9 were in chemicals, 5 were in primary metals, and 3 were in electric and electronic equipment. However, some were in the two-digit industries—such as food, textiles, and nonelectrical machinery—in which foreign-owned establishments had relatively small employment shares.

By country

Establishments with ultimate beneficial owners (UBO's) in the United Kingdom and Canada had by far the largest employment.⁶ British-owned

6. An "ultimate beneficial owner" (UBO) is that person, proceeding up a U.S. affiliate's ownership chain, beginning with and including the foreign parent, that is not owned more than 50 percent by another person. A "for-

4. The all-U.S.-business data used for these comparisons were taken from the Census Bureau's Economic Censuses and County Business Patterns publications. Together, the data in these publications provide broad coverage of the U.S. economy, accounting for about 97 percent of private U.S. employment in 1987. In terms of types of establishments, industries, and geographic areas of the United States, the coverage of the all-U.S.-business data is the same as that for foreign-owned establishments (see the technical note.)

5. Shipments or sales data are available only for foreign-owned establishments in industries covered by the Census Bureau's 1987 Economic Censuses, which consist of the Census of Retail Trade, Census of Wholesale Trade, Census of Service Industries, Census of Transportation, Census of Manufactures, Census of Mineral Industries, and Census of Construction Industries.

Table B.—Distribution of Manufacturing Industries by Foreign-Owned Establishments' Employment Share, 1987

Percentage of total employment in an industry accounted for by foreign-owned establishments	Number of industries
0	35
.1-4.9	175
5.0-9.9	114
10.0-14.9	60
15.0-19.9	29
20.0-24.9	21
25.0 or more	25

establishments had 662,000 employees—20 percent of all employment by foreign-owned establishments (tables 3 and 4). Canadian-owned establishments had 540,000 employees, 17 percent of the total. The next largest employers were German-owned establishments, with 392,000 employees (12 percent), and Japanese-owned establishments, with 296,000 employees (9 percent).

In manufacturing, the distribution of employment by country of UBO was similar to that for all industries combined. In mining, establishments with UBO's in Canada, the United Kingdom, and the Netherlands had the largest employment. In wholesale trade, establishments with UBO's in Japan had the largest employment; establishments with UBO's in the United Kingdom and Germany also had sizable employment.

Within manufacturing, distributions of employment by country of UBO varied substantially among individual industries. An example is the distributions for stone, clay, and glass products and for electric and electronic equipment—two of the manufacturing industries in which foreign-owned establishments accounted for relatively large shares of all-U.S.-business employment. In stone, clay, and glass products, employment was highly concentrated in British-owned establishments, which accounted for 37 percent of employment by all foreign-owned establishments in the industry. In contrast, in electric and electronic equipment, employment by foreign-owned establishments was more evenly distributed: Establishments with UBO's in four countries—the United Kingdom, the Netherlands, Japan, and Germany—each accounted for 14 to 29 percent of employment by all foreign-owned establishments in the industry.

In the other three manufacturing industries in which foreign-owned establishments accounted for relatively large shares of all-U.S.-business employment—chemicals, petroleum and coal products, and primary metals—the distributions of employment by country of UBO were neither as concentrated as that for stone, clay, and glass nor as dispersed as that for electric and electronic equipment. In chemicals, establishments with UBO's in two countries—Canada and Germany—accounted for partic-

ularly large shares of total employment by foreign-owned establishments. Similarly, in petroleum and coal products, establishments with UBO's in the Netherlands and in the United Kingdom had particularly large employment shares. In primary metals, establishments with UBO's in three countries—Japan, Canada, and France—had particularly large shares.

By State

The States with the largest employment by foreign-owned establishments were California (376,000 employees), New York (335,000), and Texas (218,000) (table 7). The States in which foreign-owned establishments accounted for the largest shares of employment were Delaware (13 percent) and Hawaii (7 percent). The next largest shares were in New Jersey, North Carolina, South Carolina, and West Virginia (6 percent each).

In manufacturing, foreign-owned establishments had the largest employment shares in Delaware (38–75 percent), Alaska (19 percent) and West Virginia (17 percent).⁷ In Delaware, the large share reflected a foreign owner's minority stake in a U.S. chemical company that had substantial employment in the State. In Alaska, foreign-owned establishments accounted for almost one-third of all food manufacturing employment, most of which was in fish and seafood processing. In West Virginia, foreign-owned establishments accounted for over 50 percent of chemicals manufacturing employment.

In mining, foreign-owned establishments accounted for significant shares of total employment in many States. Over 50 percent of all U.S. mining employment was in seven States—Texas, Louisiana, Oklahoma, California, Kentucky, West Virginia, and Pennsylvania—and in each of these States, foreign-owned establishments accounted for at least 12 percent of the mining employment. The largest share—22 percent—was in West Virginia. In Texas, Louisiana, and Oklahoma, foreign-owned establishments had particularly large employment shares in oil and gas extraction. In California, their share was particularly large in nonmetallic minerals mining. In Kentucky, West Virginia, and Pennsylvania, they had a particularly large share in coal mining.

eign parent" is the first person outside the United States in a U.S. affiliate's ownership chain that has a direct investment interest in the affiliate. Note that a UBO, unlike a foreign parent, may be a U.S. person. A U.S. affiliate (and its establishments) must, by definition, have a foreign parent (that is, a foreign person must own at least 10 percent of it), even if the UBO is a U.S. person.

7. A range, rather than a specific amount, is shown for Delaware because the precise amount for this cell is suppressed to avoid disclosing confidential information of individual companies.

Characteristics of Manufacturing Industries With Substantial Foreign Investment Activity

This section constructs a profile of the manufacturing industries in which *FDIUS* tends to be most prominent. The industry characteristics examined—capital intensity, skill level of the workforce, plant scale, and research and development (R&D) activity—are those for which data are readily available and are among those frequently mentioned as being important to foreign direct investment activity.⁸ In the analysis, data for foreign-owned establishments in an industry are used in conjunction with data on the characteristics of the industry as a whole.⁹ Capital intensity, skill level, and plant scale are gauged using data from the 1987 Census of Manufactures for 459 separate manufacturing industries. R&D activity is gauged using more aggregated data for 54 manufacturing industries from a BEA survey of U.S. direct investment abroad.¹⁰

The statistical findings reported in this section indicate that in 1987 foreign-owned establishments tended to be more active in manufacturing industries characterized by higher capital intensity: In the 50 most capital-intensive industries, the average share of employment by foreign-owned establishments was 15.0 percent, while in the 50 least capital-intensive industries, their average employment share was 4.2 percent. The results also indicate that foreign-owned establishments were more concentrated in manufacturing industries that require a higher level of employee skill: Their average employment share in the 50 most skill-intensive industries was 12.5 percent, compared with an average share of 2.4 percent in

the 50 least skill-intensive industries. The results show no significant relationship between foreign ownership activity and the average scale of plant operations.

At the more aggregated level of 54 manufacturing industries, the results show a significant tendency for foreign-owned establishments to operate in industries with the most R&D activity. The average share of employment by foreign-owned establishments in the R&D-intensive industries was 12.0 percent, compared with an average share of 7.3 percent in all other industries.

Capital intensity, skill level, and plant scale

Based on data from the 1987 Census of Manufactures, measures of capital intensity, skill level, and plant scale have been constructed for each of the 459 four-digit manufacturing industries. Capital intensity (the utilization of physical capital relative to labor) is measured as the nonpayroll share of value added (the share of factor payments not going to wages and salaries).¹¹ Skill level (sometimes termed human capital intensity) is measured in two ways: (1) Payroll cost per employee, which reflects both occupational structure and the accumulation of skills within occupations, and (2) wages per hour of production workers, a less comprehensive measure that reflects the skills of production workers only. Plant scale (the average scale of plant operations in an industry) is measured as value added per establishment.

In [table C](#), the measures of capital intensity, skill level, and plant scale are related to foreign investment activity, measured as the share of industry employment accounted for by foreign-owned establishments. Across the 459 industries, foreign investment activity is most strongly correlated with capital intensity (measured as the nonpayroll share of value added), suggesting that foreign-owned establishments were most active in industries with automated production processes. The average value of this measure increases from less than 60 percent in the 35 industries with zero employment by foreign-owned establishments to about 70 percent in the 29 industries in which the foreign-owned establishments' share of employment ranged from 15 to 20 percent. The average is 66 percent in the 25 industries with the most foreign investment activity.

The tendency for foreign-owned establishments to operate in capital-intensive industries can also

8. For example, some argue that foreign direct investment will be undertaken mainly by firms possessing an advantage, such as proprietary technology or superior management, that offsets the disadvantages associated with operating in a distant and alien environment. Firms with such advantages tend to be in industries requiring advanced technologies or a highly skilled workforce. For summaries of these and other factors that may influence direct investment decisions, see Richard E. Caves, *Multinational Enterprise and Economic Analysis* (Cambridge: Cambridge University Press, 1982), and John Cantwell, "A Survey of Theories of International Production," in C.N. Pitelis and R. Sugden, *The Nature of the Transnational Firm* (London: Routledge, 1991).

9. Data on several of these characteristics, which are now available only for all U.S. businesses in each industry, will become separately available for foreign-owned establishments next year, when the link is expanded to include items from the Annual Survey of Manufactures.

10. A question of major interest that cannot be answered from the industry data is the degree to which foreign-owned establishments utilize "critical technologies" affecting national security or long-term economic competitiveness. The U.S. Department of Defense and the National Critical Technologies Panel have published lists of critical technologies that itemize both the processes that use such technologies and the specific products that embody them. However, these processes and products cannot be readily associated with industry information, even at the four-digit level, because most industries produce a mix of products, some of which embody critical technologies and some of which do not. In addition, multiple technologies may exist for producing some products, and information is not available to determine which technologies have been adopted by specific establishments.

11. Because the data needed to measure it directly are not available, capital intensity is measured indirectly by the share of factor payments not going to labor.

be seen by comparing their activity in the 50 most capital-intensive industries with their activity in the 50 least capital-intensive industries. The average employment share of foreign-owned establishments in the 50 most capital-intensive industries was 15.0 percent, almost four times their average share of 4.2 percent in the 50 least capital-intensive industries. Among the 50 most capital-intensive industries, foreign-owned establishments accounted for at least 15 percent of employment in 21 industries (17 of which were in food processing or chemicals) and less than 1 percent of employment in only 6 industries. Among the 50 least capital-intensive industries, foreign-owned establishments accounted for at least 15 percent of employment in only 2 industries (both of which were in household furniture) and less than 1 percent of employment in 14 industries.

Table C also shows that foreign-owned establishments tended to be most active in industries requiring a high level of employee skill. Foreign investment activity is positively correlated with both payroll per employee and production

worker hourly wages.¹² In the table, the industry averages for these two measures display a nearly uniform tendency to increase with foreign investment activity. Average payroll per employee increases from \$18,933 in the 35 industries with zero employment by foreign-owned establishments to \$27,380 in the 25 industries with the most foreign investment activity. Between these same two groups of industries, the average value of hourly wages of production workers increases from \$8.39 to \$11.87.

Across the 459 industries, the two measures of worker skill level were highly correlated with one another: The industries with higher payroll per employee were also the industries with higher hourly wages for production workers.¹³ For payroll per employee, the average employment share of foreign-owned establishments in the 50 most skill-intensive industries was 12.5 percent, more than five times their average employment share of 2.4 percent in the 50 least skill-intensive industries. Among the 50 most skill-intensive industries, foreign-owned establishments accounted for at least 15 percent of employment in 15 industries (8 of which were in chemicals) and for less than 1 percent of employment in 8 industries (3 of which were in aerospace). Among the 50 least skill-intensive industries, foreign-owned establishments accounted for at least 15 percent of employment in only 1 industry and for less than 1 percent of employment in 32 industries (22 of which were in textiles and apparel). Similar results hold for hourly wages of production workers.

The results in table C show no correlation between foreign investment activity and the measure of plant scale (value added per establishment). Foreign investment activity was high both in industries with large-scale plant operations (for example, industries in chemicals, primary metals, and food processing) and in industries with small-scale plant operations (for example, industries in furniture, machinery, and stone, clay, and glass products). Employment by foreign-owned establishments was zero in two of the top four industries in terms of value added per establishment—guided missiles and space vehicles, and cereal breakfast foods.

Country analysis.—The industry characteristics can be related to the employment shares for

Table C.—Measures of Capital Intensity, Worker Skill Level, and Plant Scale: Averages for Manufacturing Industries Grouped by Foreign-Owned Establishments' Employment Share, 1987

	Number of industries	Percent	Dollars		
		Capital intensity: Nonpayroll share of value added	Worker skill level		Plant scale: Value added per establishment
			Payroll per employee	Production worker hourly wages	
All industries	459	60.4	23,006	9.99	11,038,387
Percentage of total industry employment accounted for by foreign owned establishments:					
0	35	59.0	18,933	8.39	16,497,665
.1–4.9	175	56.1	21,608	9.44	6,248,511
5.0–9.9	114	60.8	23,833	10.18	16,641,365
10.0–14.9	60	63.8	24,419	10.53	9,062,997
15.0–19.9	29	70.5	24,260	10.67	10,593,963
20.0–24.9	21	65.0	25,978	11.45	10,682,473
25.0 or more	25	66.4	27,380	11.87	16,930,380
Addendum:					
Coefficient of correlation between industry measure and foreign-owned establishments' share of employment ¹ .....		.342*	.302*	.293*	.034

* Statistically significant at the 5-percent level.

1. A coefficient of correlation between two variables may take on a value between -1 and 1 , with absolute values closer to 1 indicating a stronger linear relationship, and with the sign indicating whether it is a direct or inverse relationship. The Student's t test was used to determine whether the coefficients were significantly different from zero.

NOTE.—The measures of capital intensity, worker skill level, and plant scale were computed for all U.S. businesses in each of the 459 four-digit manufacturing industries using data from the Census of Manufactures. The averages shown are the unweighted averages of these measures for all industries in a given size group (defined by the share of industry employment accounted for by foreign-owned establishments).

12. The industries with high employee skill requirements are not necessarily the ones with high capital intensity. The coefficient of correlation across industries between payroll per employee (skill level) and the nonpayroll share of value added (capital intensity) is 0.254.

13. The coefficient of correlation between payroll per employee and production worker wages per hour is 0.959.

establishments of each of six major investing countries—Canada, France, Germany, Japan, the Netherlands, and the United Kingdom. These six countries together accounted for three-quarters of the manufacturing employment of all foreign-owned establishments in 1987. Except for plant scale, which is not significantly correlated with the employment shares of any of the six countries, the relations vary significantly among the countries according to their industry composition of investment. Across the 459 industries, the measure of capital intensity is significantly correlated with the employment shares of all of the countries except France and Japan. Both measures of employee skill level are significantly correlated with the employment shares of Canada, Germany, and the United Kingdom, but not with those of the other three countries.

Table D shows the relationship between the employment shares of the establishments of the six investing countries and industry capital intensity, as measured by the nonpayroll share of value added. Among the six investing countries, the correlation between the share of employment and industry capital intensity is strongest for British-owned establishments. The average employment share of British-owned establishments increases from 0.4 percent in the 5 industries with the lowest capital intensity to 5.8 percent in the 29 industries with the highest capital intensity. In 7 of the 29 industries in the latter group, the share for British-owned establishments was greater than 10 percent. Altogether, British-owned establishments accounted for at least 3 percent of employment in 21 of the 50 most capital-intensive industries; 14 of these 21

Table D.—Average Employment Shares of Foreign-Owned Establishments in Manufacturing Industries Grouped by Level of Capital Intensity, by Selected Country of UBO, 1987

	Number of industries	Percentage of total industry employment accounted for by establishments with UBO's in:						
		All countries	Canada	France	Germany, Federal Republic of	Japan	Netherlands	United Kingdom
All industries	459	8.5	1.1	0.7	1.0	0.6	0.6	2.2
Capital intensity:								
Nonpayroll share of value added (percent):								
Less than 40.0	5	1.4	0	1.0	0	0	0	.4
40.0–49.9	64	5.1	.5	.6	.7	.5	.8	.8
50.0–59.9	188	7.1	.8	.5	.8	.5	.3	2.2
60.0–69.9	111	8.8	1.4	.7	1.0	.8	.4	2.1
70.0–79.9	62	12.6	1.7	.9	1.7	.8	1.2	2.5
80.0 or more	29	16.7	2.4	1.0	1.2	.8	1.1	5.8
Addendum:								
Coefficient of correlation between capital intensity and foreign-owned establishments' share of employment ¹ .....		.342*	.175*	.044	.105*	.065	.140*	.244*

* Statistically significant at the 5-percent level.

1. See footnote 1 to table C.

NOTE.—The nonpayroll share of value added was computed for all U.S. businesses in each

of the 459 four-digit manufacturing industries using data from the Census of Manufactures. Industries are grouped by the nonpayroll share of value added. The average employment shares shown are unweighted averages for all industries in a given size group.
UBO Ultimate beneficial owner

Table E.—Average Employment Shares of Foreign-Owned Establishments in Manufacturing Industries Grouped by Level of Employee Skill, by Selected Country of UBO, 1987

	Number of industries	Percentage of total industry employment accounted for by establishments with UBO's in:						
		All countries	Canada	France	Germany, Federal Republic of	Japan	Netherlands	United Kingdom
All industries	459	8.5	1.1	0.7	1.0	0.6	0.6	2.2
Employee skill level:								
Payroll per employee (dollars):								
Less than 15,000	54	2.6	.3	.1	.2	.3	(¹)	.7
15,000–19,999	99	7.3	.6	.7	.3	.9	.8	2.2
20,000–24,999	148	7.4	.8	.6	.8	.5	.5	2.1
25,000–29,999	101	12.6	1.9	.9	1.7	.6	.5	3.1
30,000–34,999	41	12.8	1.8	1.1	2.2	.9	.8	3.2
35,000 or more	16	9.1	2.9	.5	1.4	.9	1.1	1.0
Addendum:								
Coefficient of correlation between employee skill level and foreign-owned establishments' share of employment ²		0.302*	0.196*	0.077	0.217*	0.050	0.074	0.122*

* Statistically significant at the 5-percent level.

1. Less than 0.05 percent.

2. See footnote 1 to table C.

NOTE.—Payroll per employee was computed for all U.S. businesses in each of the 459 four-

digit manufacturing industries using data from the Census of Manufactures. Industries are grouped by the size of payroll per employee. The average employment shares shown are unweighted averages for all industries in a given size group.
UBO Ultimate beneficial owner

industries were in food processing and tobacco products.

In table E, the employment shares of the establishments of the six investing countries are related to payroll per employee, the broader measure of employee skill level. Among the six investing countries, the correlation between the share of employment and the skill level of the workforce is strongest for German-owned establishments. The average employment share of German-owned establishments increases from 0.2 percent for the 54 industries with payroll per employee under \$15,000 to 2.2 percent for the 41 industries with payroll per employee between \$30,000 and \$35,000. Altogether, German-owned establishments accounted for at least 3 percent of industry employment in 13 of the 50 industries with the highest payroll per employee; 8 of the 13 were in chemicals.

Research and development

Enterprise data on employees engaged in R&D are collected by BEA for U.S. parent companies with direct investment abroad and are classified by BEA's International Surveys Industry (ISI) code. For manufacturing, there are 54 ISI groups. Because U.S. parent companies account for a large share of economic activity in most U.S. manufacturing industries, the ratio of R&D employees to total employment in a given industry for these companies is taken to be representative of the degree of R&D activity in the industry as a whole.¹⁴

14. The R&D employment data used here are from BEA's 1989 Benchmark Survey of U.S. Direct Investment Abroad. An alternative source of enterprise data on R&D by manufacturing industry is that published by the National Science Foundation (NSF) in *Research and Development in Industry: 1987*. The suppression by NSF of the R&D data for some industries, however, severely

To relate this measure to data on foreign-owned establishments, employment shares of foreign-owned establishments in the 54 ISI manufacturing groups were calculated.

The relationship between R&D activity in these 54 industries and the foreign-owned establishments' employment shares—total and by country—is shown in table F. Across the 54 industries, the share of employment accounted for by all foreign-owned establishments is mildly correlated with the percentage of employees engaged in R&D.¹⁵ The average share increases from 6.6 percent in the 21 industries with an R&D employment ratio of less than 2 percent to 13.9 percent in the 7 industries with an R&D employment ratio of 6–8 percent, then drops to 8.7 percent in the 4 industries with an R&D employment ratio of 8 percent or more. The figure for the latter group was depressed by the low share (less than 2 percent) in “other transportation equipment.” Most of the R&D activity in this industry, which includes aircraft and guided missiles, is by defense-related companies, which are effectively shielded from acquisition by foreign companies.¹⁶

limits the usefulness of the NSF published data for cross-industry statistical analysis. The NSF published data are also considerably more aggregated than the BEA data on the R&D of U.S. parent companies. In table B-2 of the NSF report, data on R&D employment and total company employment are reported for 12 of the 20 SIC two-digit industries in manufacturing. To check for consistency with the NSF data, the BEA data on R&D employment and total company employment by ISI group were aggregated to the SIC two-digit level. Across the 12 two-digit industries for which NSF published data are available, the coefficient of correlation between the R&D employment ratio using BEA data and the ratio using NSF data is 0.919.

15. The share of employment by foreign-owned establishments is also mildly correlated with an alternative measure of industry R&D activity—expenditures on R&D performed for U.S. parent companies as a percentage of U.S. parent company sales, which was also available from BEA data.

16. Barriers to the acquisition of defense-related companies were formalized by the passage in 1988 of the Exon-Florio amendment to the Defense Production Act. This amendment grants the President authority to suspend

Table F.—Average Employment Shares of Foreign-Owned Establishments in Manufacturing Industries Grouped by R&D Activity, by Selected Country of UBO, 1987

	Number of industries	Percentage of total industry employment accounted for by establishments with UBO's in:						
		All countries	Canada	France	Germany, Federal Republic of	Japan	Netherlands	United Kingdom
All industries	54	8.3	1.3	0.6	1.0	0.6	0.6	2.0
R&D activity:								
R&D employment as a percentage of total industry employment:								
0–1.9	21	6.6	1.0	.5	.3	.4	.3	2.2
2.0–3.9	15	8.0	1.2	.9	.9	.5	.7	1.7
4.0–5.9	7	8.0	.9	.7	1.3	.7	.5	2.0
6.0–7.9	7	13.9	3.4	.7	2.6	1.3	1.1	2.2
8.0 or more	4	8.7	.3	.5	1.3	.8	.8	2.0
Addendum:								
Coefficient of correlation between R&D activity and foreign-owned establishments' share of employment ¹ .....		.286*	.094	.057	.351*	.365*	.233	-.044

* Statistically significant at the 5-percent level.
 1. See footnote 1 to table C.
 NOTE.—The percentage of total employment accounted for by R&D employees was computed for the 54 industries using U.S. parent company data from a BEA survey of U.S. direct investment

abroad. Industries are grouped by the percentage of U.S. parent companies' employees engaged in R&D. The average employment shares shown are unweighted averages for all industries in a given size group.
 UBO Ultimate beneficial owner
 R&D Research and development

The average employment share for foreign-owned establishments in the other three industries in the group was 11.1 percent.

In the 11 industries with an R&D employment ratio of 6 percent or more (hereafter referred to as “high-technology industries”), the average employment share was 12.0 percent, almost twice as large as the 7.3-percent average share in the other 43 industries. If “other transportation equipment” is excluded, foreign-owned establishments’ average employment share in the high-technology industries was 13.1 percent.¹⁷ Among individual industries, foreign-owned establishments accounted for at least 10 percent of the employment in 5 of the 11 high-technology industries; 3 of these industries were in chemicals, and 2 were in electric and electronic equipment.

Among the six major investing countries, the correlation between employment shares and R&D activity is strongest for Japan and Germany. Among the high-technology industries, Japanese-owned establishments had relatively large employment shares in the computer and electronics industries, and German-owned establishments had large shares in chemicals. The correlation between employment shares and R&D activity is weakest for British-owned establishments, which had relatively large employment shares in a number of industries—mostly in food processing and in stone, clay, and glass products—with very low R&D employment ratios.

Payroll per Employee of Foreign- and U.S.-Owned Manufacturing Establishments

The preceding section found that foreign investment activity tended to be highest in industries with above-average capital intensity, skill levels, and R&D activity. A question arises as to whether these characteristics differ significantly between foreign-owned establishments and their U.S.-owned counterparts in the same industries. Establishment-level data are not available to answer this question for capital intensity or R&D activity,¹⁸ but the issue of differences in skill levels

or prohibit foreign acquisitions, mergers, or takeovers that threaten to impair the national security.

17. If this industry is excluded, the coefficient of correlation between the R&D employment share and the affiliate share of employment is 0.404 instead of 0.286.

18. BEA’s enterprise data include information on U.S. affiliates’ capital stock and R&D expenditures. Because the capital stock measure for U.S. affiliates differs in valuation and classification from available enterprise-level measures for all U.S. businesses, the capital intensity of U.S. affiliates and all U.S. businesses cannot be readily compared. For R&D expenditures, enterprise-level comparisons have been made. For example, in a recent study, Edward M. Graham and Paul R. Krugman found the R&D expenditures per worker of manufacturing affiliates was roughly comparable with that of all U.S. businesses. See Edward M. Graham and Paul R. Krugman, *Foreign Di-*

can be addressed because payroll per employee can be computed for both foreign-owned and U.S.-owned establishments.

In 1987, payroll per employee for foreign-owned establishments in all industries combined was \$25,106, 29 percent higher than the \$19,416 for U.S.-owned establishments. In manufacturing, payroll per employee for foreign-owned establishments was \$27,983, 12 percent higher than the \$24,886 for U.S.-owned establishments.

To some extent, the higher average payroll per employee for foreign-owned establishments merely reflects the concentration of these establishments in industries with higher-than-average payroll per employee. In manufacturing, however, payroll per employee of foreign-owned establishments was also higher within most—over two-thirds—of the SIC two-digit manufacturing industries (table G). For one-half of the industries, payroll per employee for foreign-owned establishments exceeded that for U.S.-owned establishments by more than 10 percent.

In some cases, the results for the SIC two-digit industries reflect a tendency for foreign-owned establishments to be concentrated in the SIC four-digit industries with the highest payroll per employee. For example, in stone, clay, and glass products, payroll per employee for foreign-owned establishments was about 12

rect *Investment in the United States*, 2nd edition (Washington, DC: Institute for International Economics, 1991).

Table G.—Payroll per Employee for All Establishments, Foreign-Owned Establishments, and U.S.-Owned Establishments, by Major Manufacturing Industry, 1987

Industry	All establishments	Foreign-owned establishments	U.S.-owned establishments
Manufacturing	25,100	27,983	24,886
Food and kindred products	20,891	23,445	20,681
Tobacco products	33,235	(P)	(P)
Textile mill products	16,979	18,985	16,887
Apparel and other textile products	12,867	16,296	12,836
Lumber and wood products	18,194	20,168	18,154
Furniture and fixtures	17,780	16,703	17,814
Paper and allied products	27,580	28,665	27,498
Printing and publishing	22,383	24,681	22,300
Chemicals and allied products	30,733	33,375	30,026
Petroleum and coal products			
manufacturing	34,480	37,282	33,958
Rubber and miscellaneous plastics			
products	21,147	24,158	20,895
Leather and leather products	14,191	(P)	(P)
Stone, clay, and glass products	23,580	26,050	23,233
Primary metal industries	28,209	29,343	28,067
Fabricated metal products	24,005	26,152	23,911
Machinery, except electrical	27,409	27,532	27,401
Electric and electronic equipment	24,758	23,649	24,893
Transportation equipment	32,349	28,103	32,483
Instruments and related products	29,294	27,184	29,463
Miscellaneous manufacturing industries	18,392	21,312	18,220
Administrative and auxiliary	38,263	40,686	37,976

^P Suppressed to avoid disclosure of data of individual companies.

percent higher than that for U.S.-owned establishments. Much of this difference, however, reflects foreign-owned establishments' large share of employment in industries, such as flat glass and hydraulic cement, that are among the top 50 in terms of payroll per employee and their very low share of employment in industries, such as cut stone and miscellaneous pottery products, characterized by low payroll per employee.

In general, however, a more systematic examination of the four-digit manufacturing industry data indicates that payroll per employee is higher for foreign-owned establishments than for U.S.-owned establishments, though the difference is smaller than that indicated by the overall ratios for manufacturing. For the 201 industries with at least 10 foreign-owned establishments,¹⁹ the unweighted average payroll per employee for the foreign-owned establishments was \$26,036, 5 percent higher than the unweighted average for the U.S.-owned establishments.²⁰ Among the four-digit industries examined, many had significantly higher payroll per employee for foreign-owned establishments than for U.S.-owned establishments, and relatively few had significantly lower payroll per employee. As the following tabulation indicates, payroll per employee for foreign-owned establishments was at least 5 percent higher than that for U.S.-owned establishments in 100 of the 201 industries examined; in contrast, payroll per employee for foreign-owned establishments was at least 5 percent lower in only 38 industries.

Payroll per employee of foreign-owned establishments relative to U.S.-owned establishments	Number of industries
At least 15 percent lower	12
Between 5 and 15 percent lower	26
Within 5 percent lower or higher	63
Between 5 and 15 percent higher	52
More than 15 percent higher	48

Payroll per employee for foreign-owned establishments may have been higher because these establishments had an occupational mix weighted more heavily with higher skilled occupations than other establishments in the same industry, perhaps reflecting the use of different technologies. Other factors may have also played a role. For

19. In industries with only a few foreign-owned establishments, the industry ratio of payroll per employee may be distorted by the special circumstances of one or more establishments. When establishments are created or shut down during the year, data for the numerator may not be comparable with data in the denominator. Because of this problem, the payroll-per-employee comparisons for four-digit industries were limited to industries with at least 10 foreign-owned establishments.

20. A formal statistical test indicated that the mean values from the two samples were significantly different. The computed *t*-statistic was 2.41, indicating a significant difference (at the 5-percent confidence level) between the two means.

example, foreign-owned establishments may have paid higher wage rates at a given skill level than U.S.-owned establishments because they tended to be located in high-wage areas or because they faced labor market conditions that differed from those faced by U.S.-owned establishments. The currently available data make it difficult to assess the relative importance of these factors. However, in 1993, additional information from the project linking BEA and Census Bureau data will be available to facilitate evaluation of their relative importance; a key series will be data on the hourly wage rates paid by foreign-owned establishments.

Technical Note

BEA's data on foreign-owned enterprises were linked to the Census Bureau's establishment data primarily by matching employer identification numbers (EIN's). EIN's are identification numbers that companies are required to use when filing Federal and State payroll and income taxes; they were reported on BEA's 1987 benchmark survey of foreign direct investment in the United States and are included in the Census Bureau's establishment files. Some enterprises failed to link based on EIN's; in many of these cases, a link was established by using other identification information, such as names and addresses.

Overall, about 90 percent of the BEA affiliates with employment linked to one or more Census Bureau establishments.²¹ Based on the BEA data, affiliates that linked had 3,229,200 employees and accounted for 97 percent of the employment of all U.S. affiliates (table H).²²

In most industries, virtually all of the employment of BEA enterprises was accounted for by affiliates that linked to Census Bureau establishments. Of the 104,700 employees of affiliates that failed to link, most were in manufacturing (54,200 employees), services (15,800), and wholesale trade (9,200).

For affiliates that linked, the employment total based on the Census Bureau establishment data, at 3,228,900 (column 3 of table H), was very close to the total based on BEA's enterprise data. The 300-employee difference (column 4) reflects the net effect of differences in coverage, definition, and measurement.

21. To be consistent with the all-U.S.-business data published by the Census Bureau, the U.S.-affiliate establishment data cover only firms with employment.

22. The BEA employment totals in column 1 of table H are from U.S. Department of Commerce, Bureau of Economic Analysis, *Foreign Direct Investment in the United States: 1987 Benchmark Survey, Final Results* (Washington, DC: U.S. Government Printing Office, August 1990).

Coverage differences exist partly because the Census Bureau data do not cover agricultural production of crops and livestock or railroad transportation, whereas the BEA data do. Also, the Census Bureau data cover only the 50 States and the District of Columbia, whereas the BEA data also cover Puerto Rico, the Virgin Islands, Guam, American Samoa, U.S. offshore oil and gas sites, other outlying U.S. areas, and the employees of U.S. affiliates working abroad. Based on the BEA data, employment in the industries and geographic areas covered by the BEA data but not by the Census Bureau data was 47,300 in 1987.

The effects of differences in definition and measurement partly offset the effects of the differences in coverage. For example, in the BEA data, employment is defined as the level at the end of the affiliate's fiscal year. In the Census Bureau data, employment is defined as the level during

the pay period that includes March 12. End-of-year employment can differ from March 12 employment because of seasonal factors and because some establishments begin or discontinue operations during the year.

The BEA and Census Bureau employment totals also differ because of the few cases in which employment of a given company was measured incorrectly in one or the other data set. In some of these cases, companies provided estimates of their employment, rather than actual counts, when reporting to one of the agencies.

For some individual industries, the difference between the BEA and Census Bureau employment totals is quite large. The principal reason for these differences is that, as discussed earlier, the data are classified differently by industry in the two data sets: The BEA data are classified by primary industry of the consolidated enterprise,

Table H.—Employment of U.S. Affiliates: BEA Enterprise Data Compared With Census Bureau Establishment Data, 1987

[Thousands of employees]

	BEA enterprise data		Census Bureau establishment data for linked affiliates	Employment of BEA enterprises that linked less employment of Census Bureau establishments that linked (col. 2—col. 3)
	For all affiliates	For affiliates that linked to Census Bureau establishments		
	(1)	(2)	(3)	(4)
All industries	3,333.9	3,229.2	3,228.9	0.3
Agriculture, forestry, and fishing ¹	14.3	12.4	2.1	10.3
Mining	35.5	31.4	97.6	-66.2
Construction ²	52.4	49.2	51.4	-2.2
Manufacturing	1,633.2	1,579.0	1,311.4	267.6
<i>Of which:</i>				
Food and kindred products	142.6	138.9	110.2	28.7
Chemicals and allied products	395.8	392.7	171.8	220.9
Petroleum and coal products manufacturing	90.6	90.5	18.2	72.3
Primary metal industries	85.5	84.5	78.1	6.4
Fabricated metal products	73.8	73.1	61.4	11.6
Machinery, except electrical	109.3	104.8	116.0	-11.2
Electric and electronic equipment	216.8	213.4	170.3	43.1
Printing and publishing	77.2	74.2	51.8	22.5
Stone, clay, and glass products	103.2	93.6	64.5	29.1
Instruments and related products	64.6	49.0	72.8	-23.8
Transportation equipment	55.7	52.9	55.8	-2.9
<i>Of which:</i>				
Motor vehicles and equipment	33.2	31.0	40.5	-9.5
Transportation and public utilities ³	98.0	95.5	94.3	1.2
Wholesale trade	334.9	325.7	343.3	-17.6
<i>Of which:</i>				
Motor vehicles and equipment	71.4	71.2	30.2	41.0
Retail trade	560.4	553.9	628.8	-74.9
Finance, insurance, and real estate ²	314.8	307.6	310.9	-3.3
Services	290.3	274.5	390.7	-116.2
Private education and noncommercial establishments	n.a.	n.a.	.2	n.a.
Unclassified establishments	n.a.	n.a.	.6	n.a.

n.a. Not applicable.

1. For the Census Bureau data, excludes agricultural production of crops and livestock (SIC 01 and 02).

2. For the Census Bureau data, includes "land subdividers and developers, except cemeteries" (SIC 6552).

3. For the Census Bureau data, excludes railroads.

NOTE.—In this table, unlike in most BEA tables published elsewhere on direct investment, petroleum is not shown as a separate major industry. Instead, in order to be consistent with Census Bureau practice, data for the various petroleum subindustries are distributed among the other major industries. Thus, manufacturing includes petroleum and coal products, wholesale trade includes petroleum wholesale trade, retail trade includes gasoline service stations, and so on.

whereas the Census Bureau data are classified by the industry of each individual establishment, or plant, within the enterprise. Differences in the industry employment totals are largest in mining (BEA's total is 66,200 employees lower than the Census Bureau's total), manufacturing (BEA's total is 267,600 higher), retail trade (BEA's total is 74,900 lower), and services (BEA's total is 116,200 lower). Within manufacturing, the largest differences are in chemicals (BEA's total is 220,900 higher) and petroleum and coal products (BEA's total is 72,300 higher).

Table I provides additional information on how the differences in coverage, definition, measurement, and industry classification affect the industry distribution of the data. Like table H,

table I shows the BEA enterprise and the Census Bureau establishment employment totals for U.S. affiliates that linked (columns 1 and 2). However, in table I, the Census Bureau employment data are classified by the BEA industry rather than by the Census Bureau industry—that is, column 2 shows the distribution of Census Bureau employment data that would result if the employment of all establishments were classified in the primary industry of the enterprise of which they were a part. This approach removes the effects of classificational differences between the two data sets, leaving, as shown in column 25, only the effects of differences in coverage, definition, and measurement. For example, for agriculture, forestry, and fishing, the

Table I.—Employment of U.S. Affiliates, Industry of BEA Enterprise

[Thousands]

Line	Industry of BEA enterprise	BEA enterprise data for affiliates that linked to Census Bureau establishments	Census Bureau establishment data for linked affiliates									
			Total by industry of BEA enterprise	Industry of Census Bureau establishment					Manufacturing			
				Agricultural services, forestry, and fishing	Mining	Construction ¹	Total	Of which:				
								Food and kindred products	Chemicals and allied products	Primary metal industries	Fabricated metal products	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
1	Total	3,229.2	3,228.9	2.1	97.6	51.4	1,311.4	110.2	171.8	78.1	61.4	
2	Agriculture, forestry, and fishing	12.4	2.4	.3	A	0	F	F	0	0	B	
3	Mining	24.6	25.4	0	19.9	B	3.3	0	B	.5	B	
4	Construction	49.2	43.0	0	B	34.0	3.0	E	0	0	1.1	
5	Petroleum	112.7	119.0	.2	28.1	0	37.7	H	5.7	E	1.0	
6	Manufacturing	1,488.5	1,463.2	.5	45.4	6.3	1,119.1	86.7	161.7	70.7	55.5	
	<i>Of which:</i>											
7	Food and kindred products	138.9	143.2	E	A	C	85.9	74.9	.9	A	C	
8	Chemicals and allied products	392.7	403.4	C	J	.1	303.2	11.6	149.8	E	7.6	
9	Primary metal industries	84.5	81.0	0	6.5	.1	68.2	0	2.6	49.0	4.1	
10	Fabricated metal products	73.1	70.0	0	E	H	60.6	B	H	7.7	27.7	
11	Machinery, except electrical	104.8	110.6	0	1.5	E	82.8	0	E	1.5	2.1	
12	Electric and electronic equipment	213.4	199.9	0	A	E	166.3	B	.6	1.8	3.0	
13	Printing and publishing	74.2	54.7	0	0	A	41.7	0	E	0	.2	
14	Stone, clay, and glass products	93.6	93.8	0	6.3	2.0	76.0	0	1.3	E	1.4	
15	Instruments and related products	49.0	56.5	0	I	C	37.6	0	.7	E	E	
16	Transportation equipment	52.9	52.6	0	0	C	46.3	0	0	I	4.9	
	<i>Of which:</i>											
17	Motor vehicles and equipment	31.0	31.1	0	0	0	26.8	0	0	F	H	
18	Transportation and public utilities	93.8	76.2	B	G	.1	G	G	0	A	B	
19	Wholesale trade	313.7	321.1	.5	1.3	1.3	123.2	14.9	3.9	6.1	3.0	
	<i>Of which:</i>											
20	Motor vehicles and equipment	71.2	73.2	0	0	F	35.2	0	0	C	E	
21	Retail trade	552.3	536.3	A	0	E	6.7	2.7	0	0	0	
22	Finance, insurance, and real estate	307.6	331.5	A	.4	5.8	3.5	F	C	E	E	
23	Services	274.5	310.8	F	G	3.8	11.7	0	C	0	.2	

1. Includes "land subdividers and developers, except cemeteries" (SIC 6552).
 2. Excludes railroads.
 3. Consists of private education and noncommercial establishments and unclassified establishments.

NOTE.—Size ranges are given in employment cells that are suppressed. The size ranges are: A—0 to 19; B—20 to 99; C—100 to 249; E—250 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999; L—50,000 to 99,999; M—100,000 or more.

Unsuppressed cells with between 0 and 150 employees are shown as 0.1.

The distribution of the BEA employment data among industries shown in column 1 differs from that in table H because, in the stub for this table, petroleum is shown as a separate major industry in order to be consistent with previously published BEA data. In this table, the major industry "petroleum" includes affiliate employment in the various petroleum subindustries. All of the other major industries exclude these petroleum subindustries. For example, mining excludes crude petroleum (no refining) and natural gas, manufacturing excludes petroleum and coal products, wholesale trade excludes petroleum wholesale trade, and so on.

BEA employment total is 10,000 employees higher than the Census Bureau total largely because, as noted earlier, coverage of agriculture is broader in the BEA data. Other industries with relatively large differences are services (BEA's total is 36,300 lower), finance, insurance, and real estate (BEA's total is 23,900 lower), and manufacturing (BEA's total is 25,000 higher). In each of these industries, the differences are primarily due to differences in measurement. For example, in services, a few companies that provide temporary employment services reported much smaller employment to BEA than to the Census Bureau; when reporting to BEA, they treated some of their temporary workers as private contractors, whereas when reporting to the

Census Bureau, they treated these workers as employees.

Table I also breaks down each industry's enterprise-based employment total into the industries of the establishments. That is, for each BEA industry, columns 3-24 cross-classify the employment total shown in column 2 by the industry of each Census Bureau establishment. For example, column 2 shows that total employment in enterprises classified in wholesale trade is 321,100, whereas column 19 shows that only 169,600 of these employees actually worked in wholesale trade establishments. The remaining employees worked mainly in manufacturing (123,200), retail trade (10,700), and services (7,700) establishments. Similarly, total

by Industry of Census Bureau Establishment, 1987

of employees)

Census Bureau establishment data for linked affiliates														Employment of BEA enterprises that linked less employment of Census Bureau establishments that linked (col. 1-col. 2)	Line
Industry of Census Bureau establishment															
Manufacturing							Transportation and public utilities ²	Wholesale trade		Retail trade	Finance, insurance, and real estate ¹	Services	Other ³		
Of which:					Transportation equipment			Total	Of which: Motor vehicles and equipment						
Machinery, except electrical	Electric and electronic equipment	Printing and publishing	Stone, clay, and glass products	Instruments and related products	Total	Of which: Motor vehicles and equipment									
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	
116.0	170.3	51.8	64.5	72.8	55.8	40.5	94.3	343.3	30.2	628.8	310.9	390.7	0.8	0.3	1
0	0	0	0	0	0	0	0	.9	0	0	C	B	0	10.0	2
B	0	0	1.3	A	0	0	F	.7	0	B	.3	F	A	-.8	3
E	C	0	E	B	0	0	E	.5	0	E	.5	4.2	A	6.2	4
.6	.8	0	E	B	A	0	9.4	12.0	A	28.9	1.0	1.6	.1	-6.3	5
99.2	141.8	45.5	61.2	66.8	33.7	20.8	7.9	145.8	I	74.1	3.8	59.9	.4	25.2	6
C	0	0	B	E	0	0	.4	21.8	0	20.7	.2	13.4	E	-4.4	7
8.0	12.4	2.2	1.6	12.6	H	F	3.6	35.9	.4	J	1.2	J	A	-10.7	8
2.3	1.3	G	2.0	.5	E	E	.1	3.1	B	G	.1	1.1	A	3.5	9
5.4	3.0	0	1.9	1.6	2.2	1.2	C	3.7	E	A	B	H	0	3.1	10
60.0	7.0	G	C	1.6	1.0	C	B	16.8	.4	E	.2	8.4	A	-5.9	11
10.3	113.3	0	1.3	15.8	1.7	E	.2	27.7	.3	F	.5	4.2	A	13.4	12
E	0	37.2	0	B	0	0	.8	I	0	G	E	2.9	A	19.5	13
2.0	.7	0	53.7	4.3	G	F	.6	7.0	F	.5	.4	1.1	.1	-.3	14
G	G	0	0	27.2	G	G	0	I	A	0	.1	2.8	0	-7.5	15
6.3	G	0	E	G	20.4	14.1	G	4.2	1.9	A	C	.4	A	.3	16
H	B	0	0	F	14.4	14.0	G	2.8	1.7	A	C	C	A	-.2	17
0	B	0	0	A	B	B	65.6	.9	0	F	.3	5.4	A	17.6	18
14.1	23.6	G	.8	5.3	21.0	19.6	3.4	169.6	24.6	10.7	3.3	7.7	.1	-7.4	19
2.8	.8	0	A	C	19.9	19.6	F	33.4	23.6	1.4	1.1	.7	A	-2.0	20
0	B	A	0	C	0	0	G	8.7	C	505.4	1.2	12.2	A	16.1	21
B	E	F	B	B	B	B	.5	1.0	B	3.0	295.7	23.6	C	-23.9	22
1.5	3.5	H	0	.5	B	B	4.5	3.1	0	5.6	H	275.5	.2	-36.3	23

employment by enterprises classified in manufacturing is 1,463,200, but only 1,119,100, or about three-fourths of the total, worked in manufacturing establishments. The rest worked mainly in wholesale trade, retail trade, services, and mining establishments. For some industries, nearly all of the employment total on an enterprise basis remains in the same industry when that total is broken down by industry of establishment. For example, of the 536,300 employees of retail trade enterprises, 94 percent worked in retail trade establishments. Similarly, 89 percent of the 310,800 employees of services enterprises worked in services establishments.

The matrix format of [table I](#) also enables one to see how the total for each industry on an establishment basis is distributed when cross-classified by industry of enterprise. The first row of the table shows the employment total for each industry on an establishment basis. Rows 2–23 show how the industry totals in row 1 are distributed by industry of enterprise. For

example, the employment total for manufacturing establishments is 1,311,400 (row 1, column 6). Reading down the column for manufacturing shows that about 85 percent of this total (1,119,100 employees) was accounted for by enterprises classified in manufacturing, with most of the remaining employees working for enterprises classified in wholesale trade. In motor vehicle manufacturing, only one-third of the 40,500 employee total on an establishment basis was accounted for by enterprises classified in motor vehicle manufacturing. Almost one-half of the employment in the industry was accounted for by enterprises classified in motor vehicle wholesale trade. For some industries, most of the establishments were operated by enterprises classified in the same industries. For example, 95 percent of the employment by finance, insurance, and real estate establishments was accounted for by enterprises classified in that industry.


Tables 1 through 7 follow. 

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
	All industries	66,878	3,228,896	81,065	n.a.	5,928,998	87,396,607	1,715,273	n.a.	1.1	3.7	4.7	n.a.
	Agricultural services, forestry, and fishing	96	2,106	51	n.a.	75,687	437,869	6,468	n.a.	.1	.5	.8	n.a.
07	Agricultural services	78	1,696	38	n.a.	71,992	409,364	5,957	n.a.	.1	.4	.6	n.a.
071	Soil preparation services	7	E	(D)	n.a.	581	4,498	74	n.a.	1.2	(D)	(D)	n.a.
072	Crop services	32	490	16	n.a.	3,309	33,271	503	n.a.	1.0	1.5	3.3	n.a.
074	Veterinary services	0	0	0	n.a.	16,748	98,553	1,391	n.a.	0	0	0	n.a.
075	Animal services, except veterinary	5	E	(D)	n.a.	6,886	31,510	369	n.a.	.1	(D)	(D)	n.a.
076	Farm labor and management services	21	212	5	n.a.	807	11,593	128	n.a.	2.6	1.8	3.7	n.a.
0761	Farm labor contractors	0	0	0	n.a.	108	4,548	46	n.a.	0	0	0	n.a.
0762	Farm management services	21	212	5	n.a.	506	4,059	66	n.a.	4.2	5.2	7.2	n.a.
078	Landscape and horticultural services	13	264	4	n.a.	40,543	216,965	3,323	n.a.	.1	.1	.1	n.a.
08	Forestry	11	85	3	n.a.	1,796	17,692	264	n.a.	.6	.5	.9	n.a.
09	Fishing, hunting, and trapping	5	C	(D)	n.a.	1,826	8,420	176	n.a.	.3	(D)	(D)	n.a.
	Administrative and auxiliary	2	C	(D)	n.a.	64	1,982	59	n.a.	3.1	(D)	(D)	n.a.
	Mining	1,299	97,622	3,645	26,525	33,617	698,100	21,739	157,964	3.9	14.0	16.8	16.8
10	Metal mining	163	10,620	340	1,700	1,027	44,100	1,354	6,852	15.9	24.1	25.1	24.8
101	Iron ores	7	G	(D)	(D)	51	7,100	224	1,362	13.7	(D)	(D)	(D)
1011	Iron ores	7	G	(D)	(D)	51	7,100	224	1,362	13.7	(D)	(D)	(D)
102	Copper ores	19	H	(D)	(D)	61	13,900	405	2,150	31.1	(D)	(D)	(D)
1021	Copper ores	19	H	(D)	(D)	61	13,900	405	2,150	31.1	(D)	(D)	(D)
103	Lead and zinc ores	13	1,093	28	149	39	2,000	58	268	33.3	54.7	47.2	55.7
1031	Lead and zinc ores	13	1,093	28	149	39	2,000	58	268	33.3	54.7	47.2	55.7
104	Gold and silver ores	49	3,996	120	678	372	13,100	423	2,261	13.2	30.5	28.5	30
1041	Gold ores	46	H	(D)	(D)	319	11,400	372	2,067	14.4	(D)	(D)	(D)
1044	Silver ores	3	F	(D)	(D)	53	1,700	52	194	5.7	(D)	(D)	(D)
106	Ferroalloy ores, except vanadium	7	19	2	1	58	1,300	46	110	12.1	1.5	4.6	.6
1061	Ferroalloy ores, except vanadium	7	19	2	1	58	1,300	46	110	12.1	1.5	4.6	.6
108	Metal mining services	43	585	23	4	268	2,800	81	251	16.0	20.9	28.2	1.4
1081	Metal mining services	43	585	23	4	268	2,800	81	251	16.0	20.9	28.2	1.4
109	Miscellaneous metal ores	25	958	40	77	178	3,800	116	449	14.0	25.2	34.3	17.1
1094	Uranium-radium-vanadium ores	15	499	17	29	101	2,300	72	252	14.9	21.7	23.4	11.4
1099	Metal ores, nec	10	459	23	48	77	1,600	44	198	13.0	28.7	52.3	24.4
12	Coal mining	201	26,825	1,052	4,363	3,905	163,400	5,567	25,955	5.1	16.4	18.9	16.8
122	Bituminous coal and lignite mining	192	26,397	1,036	4,354	3,507	157,500	5,410	25,347	5.5	16.8	19.1	17.2
1221	Bituminous coal and lignite-surface	108	7,144	280	1,671	1,804	63,800	2,204	13,618	6.0	11.2	12.7	12.3
1222	Bituminous coal-underground	84	19,253	756	2,683	1,703	93,700	3,206	11,729	4.9	20.5	23.6	22.9
123	Anthracite mining	6	E	(D)	(D)	107	1,900	41	206	5.6	(D)	(D)	(D)
1231	Anthracite mining	6	E	(D)	(D)	107	1,900	41	206	5.6	(D)	(D)	(D)
124	Coal mining services	2	B	(D)	(D)	291	4,000	116	402	.7	(D)	(D)	(D)
1241	Coal mining services	2	B	(D)	(D)	291	4,000	116	402	.7	(D)	(D)	(D)
13	Oil and gas extraction	592	43,334	1,758	18,203	22,910	377,900	11,961	112,363	2.6	11.5	14.7	16.2
131	Crude petroleum and natural gas	263	J	(D)	(D)	10,203	198,800	7,510	76,518	2.6	(D)	(D)	(D)
1311	Crude petroleum and natural gas	263	J	(D)	(D)	10,203	198,800	7,510	76,518	2.6	(D)	(D)	(D)
132	Natural gas liquids	50	G	(D)	(D)	714	12,700	433	24,750	7.0	(D)	(D)	(D)
1321	Natural gas liquids	50	G	(D)	(D)	714	12,700	433	24,750	7.0	(D)	(D)	(D)
138	Oil and gas field services	279	17,669	643	(D)	11,993	166,500	4,018	11,095	2.3	10.6	16.0	(D)
1381	Drilling oil and gas wells	51	2,863	66	(D)	2,591	55,000	1,318	3,626	2.0	5.2	5.0	(D)
1382	Oil and gas exploration services	37	3,036	145	(D)	1,917	16,900	452	1,096	1.9	18.0	32.0	(D)
1389	Oil and gas field services, nec	191	11,770	432	(D)	7,485	94,600	2,248	6,373	2.6	12.4	19.2	(D)
14	Nonmetallic minerals, except fuels	343	16,843	495	2,258	5,775	112,700	2,858	12,795	5.9	14.9	17.3	17.7
141	Dimension stone	0	0	0	0	149	1,300	25	86	0	0	0	0
1411	Dimension stone	0	0	0	0	149	1,300	25	86	0	0	0	0
142	Crushed and broken stone	82	3,181	92	461	2,002	43,700	1,082	4,768	4.1	7.3	8.5	9.7
1422	Crushed and broken limestone	37	1,472	42	214	1,335	28,900	702	2,914	2.8	5.1	6.0	7.3
1423	Crushed and broken granite	20	737	17	112	238	6,500	169	923	8.4	11.3	10.4	12.1
1429	Crushed and broken stone, nec	25	972	33	135	429	8,300	211	931	5.8	11.7	15.7	14.6
144	Sand and gravel	174	4,527	122	533	2,750	32,800	772	3,139	6.3	13.8	15.8	17.0
1442	Construction sand and gravel	133	2,818	77	336	2,559	28,900	673	2,697	5.2	9.8	11.4	12.4
1446	Industrial sand	41	1,709	46	198	191	3,900	99	442	21.5	43.8	46.1	44.8
145	Clay, ceramic, and refractory minerals	29	3,372	101	410	197	9,900	272	1,249	14.7	34.1	37.0	32.8
1455	Kaolin and ball clay	8	G	(D)	(D)	45	5,000	170	751	17.8	(D)	(D)	(D)
1459	Clay and related minerals, nec	21	G	(D)	(D)	152	4,600	103	498	13.8	(D)	(D)	(D)
147	Chemical and fertilizer minerals	36	5,039	161	786	148	16,300	501	2,772	24.3	30.9	32.2	28.4
1474	Potash, soda, and borate minerals	10	3,423	114	618	30	6,900	235	1,272	33.3	49.6	48.7	48.6
1475	Phosphate rock	5	C	(D)	(D)	39	5,000	140	887	12.8	(D)	(D)	(D)
1479	Chemical and fertilizer mining, nec	21	G	(D)	(D)	79	4,200	127	613	26.6	(D)	(D)	(D)
148	Nonmetallic minerals services, except fuels	4	B	(D)	(D)	177	1,800	45	165	2.3	(D)	(D)	(D)
1481	Nonmetallic minerals services, except fuels	4	B	(D)	(D)	177	1,800	45	165	2.3	(D)	(D)	(D)
149	Miscellaneous nonmetallic minerals, except fuels	18	F	(D)	(D)	352	7,000	162	616	5.1	(D)	(D)	(D)
1499	Miscellaneous nonmetallic minerals, except fuels	18	F	(D)	(D)	352	7,000	162	616	5.1	(D)	(D)	(D)
	Construction³	643	51,422	1,647	9,142	544,233	5,054,367	111,067	499,982	.1	1.0	1.5	1.8
15	General building contractors	167	21,195	630	5,584	157,638	1,278,420	27,870	212,628	.1	1.7	2.3	2.6
1521	Single-family housing construction	21	F	(D)	(D)	90,378	396,291	6,272	39,098	.1	(D)	(D)	(D)
1522	Residential construction, nec	10	H	(D)	(D)	8,143	81,708	1,752	13,316	.1	(D)	(D)	(D)
1531	Operative builders	53	2,077	64	1,067	20,766	168,940	4,385	48,960	.3	1.2	1.5	2.2
1541	Industrial buildings and warehouses	21	7,975	203	1,435	7,014	143,001	3,619	21,462	.3	5.6	5.6	6.7
1542	Nonresidential construction, nec	55	7,975	255	2,279	31,337	488,480	11,843	89,793	.2	1.6	2.2	2.5
16	Heavy construction, except buildings	91	10,030	375	1,634	36,596	827,124	20,408	82,285	.2	1.2	1.8	2.0
1611	Highway and street construction	33	3,213	126	662	10,986	284,380	7,041	34,161	.3	1.1	1.8	1.9
1622	Bridge, tunnel, and elevated highway	9	1,661	46	221	1,159	47,494	1,192	5,481	.8	3.5	3.8	4.0
1623	Water, sewer, and utility lines	10	420	22	63	9,919	197,632	4,513	17,010	.1	.2	.5	.4
1629	Heavy construction, nec	38	4,729	181	679	14,532	297,618	7,662	25,633	.3	1.6	2.4	2.6
17													

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
1761	Roofing, siding, and sheet metal work	10	493	10	47	25,673	231,137	4,314	15,028	.1	.2	.2	.3
1771	Concrete work	6	E	(D)	(D)	23,422	218,194	4,175	15,056	.1	(D)	(D)	(D)
1781	Water well drilling	1	A	(D)	(D)	3,414	17,598	335	1,330	.1	(D)	(D)	(D)
1791	Structural steel erection	5	F	(D)	(D)	4,017	65,348	1,594	4,863	.1	(D)	(D)	(D)
1793	Glass and glazing work	4	C	(D)	(D)	4,636	40,511	919	3,222	.1	(D)	(D)	(D)
1794	Excavation work	10	421	17	87	13,422	95,329	2,060	8,244	.1	.4	.8	1.1
1795	Wrecking and demolition work	2	B	(D)	(D)	1,240	14,109	261	912	.2	(D)	(D)	(D)
1796	Installing building equipment, nec	100	3,953	139	293	3,777	62,151	1,858	5,360	2.6	6.4	7.5	5.5
1799	Special trade contractors, nec	11	604	22	105	23,198	176,084	3,089	10,814	.1	.3	.7	1.0
6552	Land subdividers and developers, except cemeteries	102	2,395	69	349	7,955	39,768	867	4,636	1.3	6.0	7.9	7.5
	Administrative and auxiliary	28	1,856	62	n.a.	380	18,274	726	n.a.	7.4	10.2	8.6	n.a.
	Manufacturing	8,151	1,311,398	36,696	237,106	368,897	18,950,300	475,651	2,475,901	2.2	6.9	7.7	9.6
20	Food and kindred products	747	110,164	2,583	28,504	20,583	1,448,800	30,268	329,725	3.6	7.6	8.5	8.6
201	Meat products	47	11,258	187	1,938	3,240	340,500	5,701	77,002	1.5	3.3	3.3	2.5
2011	Meat packing plants	8	1,107	18	255	1,434	113,900	2,162	45,537	.6	1.0	.8	.6
2013	Sausages and other prepared meats	24	4,364	91	1,108	1,343	78,700	1,612	16,553	1.8	5.5	5.6	6.7
2015	Poultry slaughtering and processing	15	5,787	78	576	463	147,900	1,926	14,912	3.2	3.9	4.0	3.9
202	Dairy products	67	10,470	290	3,683	2,366	141,500	3,217	44,755	2.8	7.4	9.0	8.2
2021	Creamery butter	0	0	0	0	49	1,700	39	1,420	0	0	0	0
2022	Cheese, natural and processed	7	F	(D)	(D)	644	33,000	658	12,971	1.1	(D)	(D)	(D)
2023	Dry, condensed, evaporated products	15	2,040	62	838	186	14,100	399	5,857	8.1	14.5	15.5	14.3
2024	Ice cream and frozen desserts	9	F	(D)	(D)	541	20,300	440	3,917	1.7	(D)	(D)	(D)
2026	Fluid milk	36	6,778	187	2,317	946	72,400	1,681	20,591	3.8	9.4	11.1	11.3
203	Preserved fruits and vegetables	82	18,465	378	4,190	1,918	208,500	3,784	36,343	4.3	8.9	10.0	11.5
2032	Canned specialties	8	G	(D)	(D)	211	24,500	525	5,350	3.8	(D)	(D)	(D)
2033	Canned fruits and vegetables	18	3,812	80	1,122	647	65,100	1,161	11,890	2.8	5.9	6.9	9.4
2034	Dehydrated fruits, vegetables, soups	8	G	(D)	(D)	132	10,100	191	1,822	6.1	(D)	(D)	(D)
2035	Pickles, sauces, and salad dressings	21	2,448	55	722	382	21,400	452	5,050	5.5	11.4	12.2	14.3
2037	Frozen fruits and vegetables	15	3,219	58	436	258	49,800	787	6,606	5.8	6.5	7.4	6.6
2038	Frozen specialties, nec	12	5,111	104	984	288	37,500	669	5,625	4.2	13.6	15.5	17.5
204	Grain mill products	162	10,339	305	3,809	2,607	102,400	2,704	36,373	6.2	10.6	11.3	10.4
2041	Flour and other grain mill products	8	606	15	195	358	13,300	355	4,985	2.2	4.6	4.1	3.9
2043	Cereal breakfast foods	0	0	0	0	53	16,000	599	6,566	0	0	0	0
2044	Rice milling	2	B	(D)	(D)	63	4,500	89	1,235	3.2	(D)	(D)	(D)
2045	Prepared flour mixes and doughs	10	821	16	156	149	12,100	276	2,625	6.7	6.8	5.9	6.0
2046	Wet corn milling	18	G	(D)	(D)	60	8,600	299	4,789	30.0	(D)	(D)	(D)
2047	Dog and cat food	14	G	(D)	(D)	186	13,400	366	5,069	7.5	(D)	(D)	(D)
2048	Prepared feeds, nec	110	3,925	100	1,473	1,738	34,500	720	11,468	6.3	11.4	13.9	12.8
205	Bakery products	67	13,425	326	2,192	2,850	217,000	4,761	23,677	2.4	6.2	6.8	9.3
2051	Bread, cake, and related products	44	H	(D)	(D)	2,357	161,900	3,558	16,221	1.9	(D)	(D)	(D)
2052	Cookies and crackers	20	8,584	215	1,617	379	45,300	1,008	6,291	5.3	18.9	21.3	25.7
2053	Frozen bakery products, except bread	3	E	(D)	(D)	114	9,900	195	1,165	2.6	(D)	(D)	(D)
206	Sugar and confectionery products	62	14,654	338	3,020	1,075	90,300	1,991	18,887	5.8	16.2	17.0	16.0
2061	Raw cane sugar	2	F	(D)	(D)	40	6,200	143	1,239	5.0	(D)	(D)	(D)
2062	Cane sugar refining	2	E	(D)	(D)	21	5,500	177	2,460	9.5	(D)	(D)	(D)
2063	Beet sugar	9	G	(D)	(D)	42	7,900	190	1,832	21.4	(D)	(D)	(D)
2064	Candy and other confectionery products	37	9,166	194	1,406	685	45,800	900	6,980	5.4	20.0	21.5	20.1
2066	Chocolate and cocoa products	6	G	(D)	(D)	186	11,000	283	3,108	3.2	(D)	(D)	(D)
2067	Chewing gum	2	E	(D)	(D)	13	5,200	126	1,090	15.4	(D)	(D)	(D)
2068	Salted and roasted nuts and seeds	4	E	(D)	(D)	88	8,800	172	2,178	4.5	(D)	(D)	(D)
207	Fats and oils	33	3,804	96	2,280	586	29,600	702	15,881	5.6	12.9	13.7	14.4
2074	Cottonseed oil mills	3	C	(D)	(D)	52	2,600	45	471	5.8	(D)	(D)	(D)
2075	Soybean oil mills	11	C	(D)	(D)	106	7,000	173	9,074	10.4	(D)	(D)	(D)
2076	Vegetable oil mills, nec	3	C	(D)	(D)	23	900	20	432	13.0	(D)	(D)	(D)
2077	Animal and marine fats and oils	1	A	(D)	(D)	305	9,800	211	1,753	.3	(D)	(D)	(D)
2079	Edible fats and oils, nec	15	G	(D)	(D)	100	9,300	253	4,151	15.0	(D)	(D)	(D)
208	Beverages	93	12,339	334	3,208	2,211	160,900	4,521	47,327	4.2	7.6	7.4	6.8
2082	Malt beverages	1	E	(D)	(D)	134	31,900	1,355	13,619	.7	(D)	(D)	(D)
2083	Malt	0	0	0	0	27	1,400	44	531	0	0	0	0
2084	Wines, brandy, and brandy spirits	22	H	(D)	(D)	508	13,900	342	3,208	4.3	(D)	(D)	(D)
2085	Distilled and blended liquors	20	3,873	116	1,591	72	9,000	244	3,474	27.8	43.0	47.4	45.8
2086	Bottled and canned soft drinks	36	3,623	80	758	1,190	95,600	2,277	21,830	3.0	3.8	3.5	3.5
2087	Flavoring extracts and syrups, nec	14	1,827	59	355	280	9,100	258	4,665	5.0	20.1	23.1	7.6
209	Miscellaneous food and kindred products	134	15,010	328	4,184	3,730	158,000	2,887	29,116	3.6	9.5	11.3	14.4
2091	Canned and cured fish and seafoods	10	F	(D)	(D)	175	6,700	101	767	5.7	(D)	(D)	(D)
2092	Fresh or frozen prepared fish	29	4,539	78	1,102	645	38,200	534	5,783	4.5	11.9	14.7	19.1
2095	Roasted coffee	16	2,276	64	1,172	141	10,700	303	6,401	11.3	21.3	21.0	18.3
2096	Potato chips and similar snacks	11	1,778	36	268	344	33,100	622	5,041	3.2	5.4	5.8	5.3
2097	Manufactured ice	3	B	(D)	(D)	549	4,700	77	290	.5	(D)	(D)	(D)
2098	Macaroni and spaghetti	1	B	(D)	(D)	218	6,600	140	1,048	.5	(D)	(D)	(D)
2099	Food preparations, nec	64	5,544	139	1,560	1,658	58,000	1,110	9,787	3.9	9.6	12.5	15.9
21	Tobacco products	5	H	(D)	(D)	137	44,700	1,486	20,757	3.7	(D)	(D)	(D)
211	Cigarettes	2	G	(D)	(D)	12	32,000	1,234	17,372	16.7	(D)	(D)	(D)
2111	Cigarettes	2	G	(D)	(D)	12	32,000	1,234	17,372	16.7	(D)	(D)	(D)
212	Cigars	0	0	0	0	20	2,500	36	192	0	0	0	0
2121	Cigars	0	0	0	0	20	2,500	36	192	0	0	0	0
213	Chewing and smoking tobacco	2	C	(D)	(D)	29	3,300	77	1,114	6.9	(D)	(D)	(D)
2131	Chewing and smoking tobacco	2	C	(D)	(D)	29	3,300	77	1,114	6.9	(D)	(D)	(D)
214	Tobacco stemming and redrying	1	F	(D)	(D)	76	6,900	139	2,079	1.3	(D)	(D)	(D)
2141	Tobacco stemming and redrying	1	F	(D)	(D)	76	6,900	139	2,079	1.3	(D)	(D)	(D)
22	Textile mill products	116	29,319	557	2,794	6,065	672,000	11,410	62,786	1.9	4.4	4.9	4.5
221	Broadwoven fabric mills, cotton	8	4,377	82	405	301	72,300	1,260	5,508	2.7	6.1	6.5	7.3
2211	Broadwoven fabric mills, cotton	8	4,377	82	405	301	72,300	1,260	5,508	2.7	6.1	6.5	7.3
222	Broadwoven fabric mills, manmade fiber and silk	22	4,031	96	398	436	88,300	1,596	8,049	5.0	4.6	6.0	4.9
2221	Broadwoven fabric mills, manmade fiber and silk	22	4,031	96	398	436	88,300	1,596	8,049	5.0	4.6	6.0	4.9
223	Broadwoven fabric mills, wool	7	H	(D)	(D)	118	14,000	236	1,051	5.9	(D)	(D)	(D)
2231	Broadwoven fabric mills, wool	7											

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
2259	Knitting mills, nec	0	0	0	0	79	3,800	55	188	0	0	0	0
226	Textile finishing, except wool	10	2,812	47	280	648	56,100	1,036	7,042	1.5	5.0	4.6	4.0
2261	Finishing plants, cotton	2	F	(D)	(D)	198	16,500	299	1,385	1.0	(D)	(D)	(D)
2262	Finishing plants, manmade	1	C	(D)	(D)	268	27,900	546	4,392	.4	(D)	(D)	(D)
2269	Finishing plants, nec	7	G	(D)	(D)	182	11,700	192	1,265	3.8	(D)	(D)	(D)
227	Carpets and rugs	5	F	(D)	(D)	475	53,300	1,039	9,795	1.1	(D)	(D)	(D)
2273	Carpets and rugs	5	F	(D)	(D)	475	53,300	1,039	9,795	1.1	(D)	(D)	(D)
228	Yarn and thread mills	25	7,803	123	579	612	113,900	1,850	10,277	4.1	6.9	6.7	5.6
2281	Yarn spinning mills	14	4,179	67	340	414	89,000	1,453	7,518	3.4	4.7	4.6	4.5
2282	Throwing and winding mills	3	1,573	23	64	139	18,300	291	2,124	2.2	8.6	7.9	3.0
2284	Thread mills	8	2,051	34	175	59	6,500	106	636	13.6	31.6	31.9	27.5
229	Miscellaneous textile goods	25	4,009	107	595	1,076	52,500	1,109	6,398	2.3	7.6	9.7	9.3
2295	Coated fabrics, not rubberized	3	E	(D)	(D)	185	10,300	252	1,434	1.6	(D)	(D)	(D)
2296	Tire cord and fabrics	1	E	(D)	(D)	13	5,100	100	1,005	7.7	(D)	(D)	(D)
2297	Nonwoven fabrics	6	1,276	51	273	130	13,800	331	1,966	4.6	9.2	15.4	13.9
2298	Cordage and twine	5	863	14	64	197	6,900	112	541	2.5	12.5	12.6	11.7
2299	Textile goods, nec	10	1,118	27	115	551	16,400	315	1,452	1.8	6.8	8.4	7.9
23	Apparel and other textile products	57	9,466	154	802	23,168	1,080,600	13,904	64,243	.2	.9	1.1	1.2
231	Men's and boys' suits and coats	2	E	(D)	(D)	337	55,200	779	2,863	.6	(D)	(D)	(D)
2311	Men's and boys' suits and coats	2	E	(D)	(D)	337	55,200	779	2,863	.6	(D)	(D)	(D)
232	Men's and boys' furnishings	9	2,015	22	84	2,194	279,800	3,246	15,441	.4	.7	.7	.5
2321	Men's and boys' shirts	5	G	(D)	(D)	601	76,700	869	4,075	.8	(D)	(D)	(D)
2322	Men's and boys' underwear and nightwear	0	0	0	0	96	17,200	200	1,045	0	0	0	0
2323	Men's and boys' neckwear	1	B	(D)	(D)	142	7,400	117	476	.7	(D)	(D)	(D)
2325	Men's and boys' trousers and slacks	2	F	(D)	(D)	484	93,300	1,103	6,014	.4	(D)	(D)	(D)
2326	Men's and boys' work clothing	0	0	0	0	255	33,100	336	1,542	0	0	0	0
2329	Men's and boys' clothing, nec	1	C	(D)	(D)	616	52,200	621	2,290	.2	(D)	(D)	(D)
233	Women's and misses' outerwear	10	1,518	30	138	10,257	348,500	4,297	19,389	.1	.4	.7	.7
2331	Women's and misses' blouses and shirts	0	0	0	0	1,496	73,400	857	3,831	0	0	0	0
2335	Women's, junior's, and misses' dresses	2	B	(D)	(D)	5,471	112,700	1,360	5,448	.1	(D)	(D)	(D)
2337	Women's and misses' suits and coats	4	1,113	24	113	1,092	55,200	819	4,447	.4	2.0	2.9	2.6
2339	Women's and misses' outerwear, nec	4	E	(D)	(D)	2,198	107,300	1,262	5,663	.2	(D)	(D)	(D)
234	Women's and children's undergarments	3	G	(D)	(D)	562	67,600	844	3,738	.5	(D)	(D)	(D)
2341	Women's and children's underwear	3	G	(D)	(D)	434	53,700	645	2,658	.7	(D)	(D)	(D)
2342	Bras, girdles, and allied garments	0	0	0	0	128	13,800	199	1,080	0	0	0	0
235	Hats, caps, and millinery	0	0	0	0	462	17,200	204	663	0	0	0	0
2353	Hats, caps, and millinery	0	0	0	0	462	17,200	204	663	0	0	0	0
236	Girls' and children's outerwear	2	E	(D)	(D)	835	71,700	826	3,753	.2	(D)	(D)	(D)
2361	Girls' and children's dresses and blouses	1	E	(D)	(D)	454	30,900	350	1,519	.2	(D)	(D)	(D)
2369	Girls' and children's outerwear, nec	1	B	(D)	(D)	381	40,800	475	2,235	.3	(D)	(D)	(D)
237	Fur goods	0	0	0	0	380	2,200	48	423	0	0	0	0
2371	Fur goods	0	0	0	0	380	2,200	48	423	0	0	0	0
238	Miscellaneous apparel and accessories	5	E	(D)	(D)	981	40,800	518	2,229	.5	(D)	(D)	(D)
2381	Fabric dress and work gloves	4	E	(D)	(D)	82	4,800	48	181	4.9	(D)	(D)	(D)
2384	Robes and dressing gowns	0	0	0	0	96	8,700	101	503	0	0	0	0
2385	Waterproof outerwear	1	A	(D)	(D)	67	6,400	86	333	1.5	(D)	(D)	(D)
2386	Leather and sheep-lined clothing	0	0	0	0	131	2,100	34	202	0	0	0	0
2387	Apparel belts	0	0	0	0	265	10,500	151	628	0	0	0	0
2389	Apparel and accessories, nec	0	0	0	0	340	8,300	98	383	0	0	0	0
239	Miscellaneous fabricated textile products	26	3,746	74	414	7,160	197,600	3,143	15,744	.4	1.9	2.3	2.6
2391	Curtains and draperies	0	0	0	0	1,250	27,100	343	1,540	0	0	0	0
2392	Housefurnishings, nec	16	2,467	42	224	944	50,500	714	4,530	1.7	4.9	5.9	4.9
2393	Textile bags	3	C	(D)	(D)	262	8,800	118	572	1.1	(D)	(D)	(D)
2394	Canvas and related products	0	0	0	0	1,274	16,700	271	1,066	0	0	0	0
2395	Pleating and stitching	0	0	0	0	685	14,100	174	728	0	0	0	0
2396	Automotive and apparel trimmings	1	B	(D)	(D)	1,558	44,200	994	4,565	.1	(D)	(D)	(D)
2397	Schiffli machine embroideries	1	B	(D)	(D)	271	5,900	98	302	.4	(D)	(D)	(D)
2399	Fabricated textile products, nec	5	937	26	167	916	30,500	430	2,442	.5	3.1	6.0	6.8
24	Lumber and wood products	130	13,849	279	1,840	33,987	698,400	12,707	69,747	.4	2.0	2.2	2.6
241	Logging	16	915	24	323	11,937	85,800	1,518	10,938	.1	1.1	1.6	3.0
2411	Logging	16	915	24	323	11,937	85,800	1,518	10,938	.1	1.1	1.6	3.0
242	Sawmills and planing mills	40	4,513	102	628	6,712	180,100	3,297	19,220	.6	2.5	3.1	3.3
2421	Sawmills and planing mills, general	33	3,761	89	585	5,741	148,300	2,824	17,357	.6	2.5	3.1	3.4
2426	Hardwood dimension and flooring mills	5	F	(D)	(D)	737	29,700	441	1,714	.7	(D)	(D)	(D)
2429	Special product sawmills, nec	2	B	(D)	(D)	234	2,200	33	149	.9	(D)	(D)	(D)
243	Millwork, plywood and structural members	38	6,014	101	547	7,933	240,000	4,658	22,614	.5	2.5	2.2	2.4
2431	Millwork	13	2,391	37	233	2,783	89,000	1,809	9,327	.5	2.7	2.0	2.5
2434	Wood kitchen cabinets	13	G	(D)	(D)	3,714	67,000	1,185	4,378	.4	(D)	(D)	(D)
2435	Hardwood veneer and plywood	7	1,259	18	122	311	20,500	340	2,061	2.3	6.1	5.3	5.9
2436	Softwood veneer and plywood	2	C	(D)	(D)	232	38,900	889	4,920	.9	(D)	(D)	(D)
2439	Structural wood members, nec	3	E	(D)	(D)	893	24,600	435	1,929	.3	(D)	(D)	(D)
244	Wood containers	3	C	(D)	(D)	2,217	37,000	483	2,069	.1	(D)	(D)	(D)
2441	Nailed wood boxes and shooks	0	0	0	0	308	5,900	85	325	0	0	0	0
2448	Wood pallets and skids	3	C	(D)	(D)	1,701	25,700	328	1,496	.2	(D)	(D)	(D)
2449	Wood containers, nec	0	0	0	0	208	5,400	70	248	0	0	0	0
245	Wood buildings and mobile homes	1	C	(D)	(D)	1,084	65,300	1,215	6,575	.1	(D)	(D)	(D)
2451	Mobile homes	1	C	(D)	(D)	395	39,900	741	4,102	.3	(D)	(D)	(D)
2452	Prefabricated wood buildings	0	0	0	0	689	25,400	473	2,472	0	0	0	0
249	Miscellaneous wood products	32	2,179	49	322	4,104	90,100	1,536	8,330	.8	2.4	3.2	3.9
2491	Wood preserving	6	197	3	36	540	11,800	208	2,170	1.1	1.7	1.7	1.7
2493	Reconstituted wood products	10	1,591	39	247	240	22,000	505	2,865	4.2	7.2	7.7	8.6
2499	Wood products, nec	16	391	6	39	3,324	56,300	824	3,296	.5	.7	.8	1.2
25	Furniture and fixtures	69	15,406	257	1,266	11,636	510,800	9,082	37,462	.6	3.0	2.8	3.4
251	Household furniture	39	11,544	184	827	5,614	284,200	4,452	18,559	.7	4.1	4.1	4.5
2511	Wood household furniture	22	2,344	36	246	2,949	135,900	2,018	7,982	.7	1.7	1.8	3.1
2512	Upholstered household furniture	8	H	(D)	(D)	1,150	82,100	1,295	5,263	.7	(D)	(D)	(D)
2514	Metal household furniture	3	G	(D)	(D)	418	30,100	498	2,141	.7	(D)	(D)	(D)
2515	Mattresses and bedspreads	0	0	0	0	839	24,400	448	2,417	0	0	0	0
2517	Wood television and radio cabinets	3	G	(D)	(D)	81	5,900	92	351	3.7	(D)	(D)	(D)
2519	Household furniture, nec	3	G	(D)	(D)	177	5,900	101	404	1.7	(D)	(D)	(D)

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
259	Miscellaneous furniture and fixtures	9	865	15	71	2,086	49,900	892	3,740	.4	1.7	1.7	1.9
2591	Drapery hardware and blinds and shades	6	E	(D)	(D)	489	20,600	342	1,780	1.2	(D)	(D)	(D)
2599	Furniture and fixtures, nec	3	E	(D)	(D)	1,597	29,300	550	1,960	.2	(D)	(D)	(D)
26	Paper and allied products	273	43,261	1,240	8,319	6,292	611,300	16,860	108,989	4.3	7.1	7.4	7.6
261	Pulp mills	3	E	(D)	(D)	39	14,200	535	4,314	7.7	(D)	(D)	(D)
2611	Pulp mills	3	E	(D)	(D)	39	14,200	535	4,314	7.7	(D)	(D)	(D)
262	Paper mills	27	10,381	379	2,669	282	129,100	4,597	28,918	9.6	8.0	8.2	9.2
2621	Paper mills	27	10,381	379	2,669	282	129,100	4,597	28,918	9.6	8.0	8.2	9.2
263	Paperboard mills	31	I	(D)	(D)	205	52,300	1,859	13,730	15.1	(D)	(D)	(D)
2631	Paperboard mills	31	I	(D)	(D)	205	52,300	1,859	13,730	15.1	(D)	(D)	(D)
265	Paperboard containers and boxes	138	14,593	366	2,094	2,779	193,500	4,618	25,863	5.0	7.5	7.9	8.1
2652	Setup paperboard boxes	4	E	(D)	(D)	200	8,700	131	437	2.0	(D)	(D)	(D)
2653	Corrugated and solid fiber boxes	73	8,187	209	1,305	1,600	105,700	2,609	16,104	4.6	7.7	8.0	8.1
2655	Fiber cans, drums and similar products	26	G	(D)	(D)	281	12,500	281	1,534	9.3	(D)	(D)	(D)
2656	Sanitary food containers	1	A	(D)	(D)	92	15,800	341	2,083	1.1	(D)	(D)	(D)
2657	Folding paperboard boxes	34	4,929	127	630	606	50,700	1,256	5,705	5.6	9.7	10.1	11.0
267	Miscellaneous converted paper products	74	11,388	267	1,844	2,987	222,200	5,251	36,165	2.5	5.1	5.1	5.1
2671	Paper coated and laminated, packaging	8	861	23	124	120	15,000	406	2,416	6.7	5.7	5.7	5.1
2672	Paper coated and laminated, nec	12	3,367	88	765	412	30,900	839	5,892	2.9	10.9	10.4	13.0
2673	Bags: plastics, laminated, and coated	10	1,834	43	178	483	36,600	784	4,577	2.1	5.0	5.4	3.9
2674	Bags: uncoated paper and multiwall	5	704	16	96	132	17,100	348	2,448	3.8	4.1	4.5	3.9
2675	Die-cut paper and board	12	G	(D)	(D)	399	15,700	308	1,749	3.0	(D)	(D)	(D)
2676	Sanitary paper products	1	A	(D)	(D)	133	38,400	1,155	11,698	.8	(D)	(D)	(D)
2677	Envelopes	2	C	(D)	(D)	298	27,600	613	2,598	.7	(D)	(D)	(D)
2678	Stationery products	1	E	(D)	(D)	189	11,200	206	1,216	.5	(D)	(D)	(D)
2679	Converted paper products, nec	23	2,695	59	316	821	29,600	593	3,570	2.8	9.1	9.9	8.8
27	Printing and publishing	456	51,761	1,277	6,426	61,791	1,494,000	33,440	136,196	.7	3.5	3.8	4.7
271	Newspapers	128	12,300	240	840	9,091	434,400	9,022	31,850	1.4	2.8	2.7	2.6
2711	Newspapers	128	12,300	240	840	9,091	434,400	9,022	31,850	1.4	2.8	2.7	2.6
272	Periodicals	62	4,467	127	781	4,020	110,000	2,983	17,329	1.5	4.1	4.3	4.5
2721	Periodicals	62	4,467	127	781	4,020	110,000	2,983	17,329	1.5	4.1	4.3	4.5
273	Books	30	3,924	100	620	2,859	113,600	2,821	15,876	1.0	3.5	3.5	3.9
2731	Book publishing	27	H	(D)	(D)	2,298	70,100	1,860	12,620	1.2	(D)	(D)	(D)
2732	Book printing	3	G	(D)	(D)	561	43,500	961	3,256	.5	(D)	(D)	(D)
274	Miscellaneous publishing	15	G	(D)	(D)	2,369	69,500	1,513	7,810	.6	(D)	(D)	(D)
2741	Miscellaneous publishing	15	G	(D)	(D)	2,369	69,500	1,513	7,810	.6	(D)	(D)	(D)
275	Commercial printing	124	17,898	498	2,367	36,111	553,400	12,301	44,786	.3	3.2	4.1	5.3
2752	Commercial printing, lithographic	63	8,413	232	1,096	24,984	403,900	9,154	32,832	.3	2.1	2.5	3.3
2754	Commercial printing, gravure	18	5,627	162	858	332	23,800	669	3,060	5.4	23.6	24.2	28.0
2759	Commercial printing, nec	43	3,858	105	414	10,795	125,800	2,479	8,894	.4	3.1	4.2	4.6
276	Manifold business forms	46	I	(D)	(D)	856	53,300	1,281	7,397	5.4	(D)	(D)	(D)
2761	Manifold business forms	46	I	(D)	(D)	856	53,300	1,281	7,397	5.4	(D)	(D)	(D)
277	Greeting cards	0	0	0	0	162	21,500	471	2,911	0	0	0	0
2771	Greeting cards	0	0	0	0	162	21,500	471	2,911	0	0	0	0
278	Blankbooks and bookbinding	41	2,970	60	214	1,546	68,800	1,265	4,080	2.7	4.3	4.7	5.2
2782	Blankbooks and looseleaf binders	39	H	(D)	(D)	510	39,100	768	2,904	7.6	(D)	(D)	(D)
2789	Bookbinding and related work	2	B	(D)	(D)	1,036	29,700	497	1,176	.2	(D)	(D)	(D)
279	Printing trade services	10	1,114	25	67	4,777	69,400	1,784	4,157	.2	1.6	1.4	1.6
2791	Typesetting	3	F	(D)	(D)	3,364	37,600	809	1,784	.1	(D)	(D)	(D)
2796	Platemaking services	7	C	(D)	(D)	1,413	31,800	974	2,373	.5	(D)	(D)	(D)
28	Chemicals and allied products	1,148	171,759	5,732	54,599	12,039	814,000	25,016	229,546	9.5	21.1	22.9	23.8
281	Industrial inorganic chemicals	332	18,088	587	4,986	1,393	93,600	3,099	19,774	23.8	19.3	18.9	25.2
2812	Alkalies and chlorine	2	C	(D)	(D)	45	5,000	165	1,548	4.4	(D)	(D)	(D)
2813	Industrial gases	222	3,608	105	920	594	8,100	241	2,618	37.4	44.5	43.6	35.2
2816	Inorganic pigments	23	H	(D)	(D)	92	8,300	267	2,388	25.0	(D)	(D)	(D)
2819	Industrial inorganic chemicals, nec	85	10,099	330	2,573	662	72,200	2,425	13,220	12.8	14.0	13.6	19.5
282	Plastics materials and synthetics	115	46,826	1,520	13,981	626	122,500	4,013	40,851	18.4	38.2	37.9	34.2
2821	Plastics materials and resins	75	11,215	409	5,779	480	56,300	2,006	26,246	15.6	19.9	20.4	22.0
2822	Synthetic rubber	13	H	(D)	(D)	68	10,400	395	3,283	19.1	(D)	(D)	(D)
2823	Cellulosic manmade fibers	3	H	(D)	(D)	7	10,500	281	1,320	42.9	(D)	(D)	(D)
2824	Organic fibers, noncellulosic	24	27,433	849	6,240	71	45,400	1,332	10,003	33.8	60.4	63.7	62.4
283	Drugs	108	33,382	1,146	9,268	1,356	171,900	5,304	39,263	8.0	19.4	21.6	23.6
2833	Medicinals and botanicals	17	1,694	65	416	225	11,600	377	3,350	7.6	14.6	17.3	12.4
2834	Pharmaceutical preparations	58	25,430	893	7,889	732	131,600	4,168	32,904	7.9	13.3	21.4	24.6
2835	Diagnostic substances	14	1,928	65	331	158	15,400	437	2,205	8.9	12.5	14.8	15.0
2836	Biological products except diagnostic	19	4,330	123	631	241	13,300	322	1,614	7.9	32.6	38.3	39.1
284	Soap, cleaners, and toilet goods	98	14,100	431	5,587	2,401	119,200	3,099	34,748	4.1	11.8	13.9	16.1
2841	Soap and other detergents	17	H	(D)	(D)	764	31,700	956	11,559	2.2	(D)	(D)	(D)
2842	Polishes and sanitation goods	24	G	(D)	(D)	726	20,600	500	5,594	3.3	(D)	(D)	(D)
2843	Surface active agents	28	2,873	98	1,191	217	9,100	290	3,002	12.9	31.6	33.7	39.7
2844	Toilet preparations	29	6,133	160	2,048	694	57,900	1,353	14,593	4.2	10.6	11.8	14.0
285	Paints and allied products	66	7,825	241	2,579	1,428	55,200	1,492	12,702	4.6	14.2	16.2	20.3
2851	Paints and allied products	66	7,825	241	2,579	1,428	55,200	1,492	12,702	4.6	14.2	16.2	20.3
286	Industrial organic chemicals	141	31,038	1,154	12,616	962	125,700	4,541	51,158	14.7	24.7	25.4	24.7
2861	Gum and wood chemicals	6	F	(D)	(D)	77	2,600	57	487	7.8	(D)	(D)	(D)
2865	Cyclic crudes and intermediates	27	I	(D)	(D)	186	22,800	787	8,859	14.5	(D)	(D)	(D)
2869	Industrial organic chemicals, nec	108	23,580	897	10,689	699	100,300	3,697	41,812	15.5	23.5	24.3	25.6
287	Agricultural chemicals	57	8,946	313	3,250	970	40,300	1,171	14,267	5.9	22.2	26.7	22.8
2873	Nitrogenous fertilizers	6	E	(D)	(D)	164	7,400	223	2,447	3.7	(D)	(D)	(D)
2874	Phosphatic fertilizers	6	E	(D)	(D)	77	9,400	285	3,819	7.8	(D)	(D)	(D)
2875	Fertilizers, mixing only	15	E	(D)	(D)	452	7,500	145	1,701	3.3	(D)	(D)	(D)
2879	Agricultural chemicals, nec	30	6,762	254	2,592	277	16,100	518	6,300	10.8	42.0	49.0	41.2
289	Miscellaneous chemical products	231	11,534	341	2,333	2,903	85,400	2,298	16,782	8.0	13.5	14.8	13.9
2891	Adhesives and sealants	72	3,456	102	779	714	20,900	553	4,678	10.1	16.5	18.5	16.7
2892	Explosives	22	1,129	31	103	132	13,800	349					

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
30	Rubber and miscellaneous plastics products	417	64,220	1,551	8,319	14,589	831,400	17,581	86,634	2.9	7.7	8.8	9.6
301	Tires and inner tubes	12	13,899	414	1,982	163	65,400	2,070	10,427	7.4	21.3	20.0	19.0
3011	Tires and inner tubes	12	13,899	414	1,982	163	65,400	2,070	10,427	7.4	21.3	20.0	19.0
302	Rubber and plastics footwear	5	G	(D)	(D)	65	10,900	153	557	7.7	(D)	(D)	(D)
3021	Rubber and plastics footwear	5	G	(D)	(D)	65	10,900	153	557	7.7	(D)	(D)	(D)
305	Hose and belting and gaskets and packing	38	I	(D)	(D)	684	51,600	1,159	4,648	5.6	(D)	(D)	(D)
3052	Rubber and plastics hose and belting	22	4,783	109	426	188	23,200	531	2,268	11.7	20.6	20.6	18.8
3053	Gaskets, packing and sealing devices	16	G	(D)	(D)	496	28,400	627	2,379	3.2	(D)	(D)	(D)
306	Fabricated rubber products, nec	64	7,281	172	868	1,633	104,100	2,245	9,227	3.9	7.0	7.7	9.4
3061	Mechanical rubber goods	8	928	18	94	624	49,800	1,092	3,963	1.3	1.9	1.7	2.4
3069	Fabricated rubber products, nec	56	6,353	154	774	1,009	54,300	1,153	5,264	5.6	11.7	13.4	14.7
308	Miscellaneous plastics products, nec	297	35,917	810	4,844	12,044	599,400	11,955	61,775	2.5	6.0	6.8	7.8
3081	Unsupported plastics film and sheet	35	6,998	211	1,416	594	48,400	1,256	8,140	5.9	14.5	16.8	17.4
3082	Unsupported plastics profile shapes	16	2,303	54	273	581	25,200	512	2,281	2.8	9.1	10.5	12.0
3083	Laminated plastics plate and sheet	6	782	16	100	234	17,300	413	2,144	2.6	4.5	3.9	4.7
3084	Plastics pipe	23	1,926	44	483	251	12,500	263	2,456	9.2	15.4	16.6	19.7
3085	Plastics bottles	5	E	(D)	(D)	286	25,000	502	2,835	1.7	(D)	(D)	(D)
3086	Plastics foam products	29	3,556	68	393	946	61,300	1,184	6,913	3.1	5.8	5.7	5.7
3087	Custom compound purchased resins	25	1,549	37	284	405	17,300	398	2,503	6.2	9.0	9.2	11.3
3088	Plastics plumbing fixtures	2	E	(D)	(D)	176	7,500	138	709	1.1	(D)	(D)	(D)
3089	Plastics products, nec	156	18,004	369	1,804	8,571	384,900	7,288	33,795	1.8	4.7	5.1	5.3
31	Leather and leather products	53	J	(D)	(D)	2,198	129,000	1,831	9,082	2.4	(D)	(D)	(D)
311	Leather tanning and finishing	8	G	(D)	(D)	344	14,600	292	2,219	2.3	(D)	(D)	(D)
3111	Leather tanning and finishing	8	G	(D)	(D)	344	14,600	292	2,219	2.3	(D)	(D)	(D)
313	Footwear cut stock	4	E	(D)	(D)	127	5,000	70	324	3.2	(D)	(D)	(D)
3131	Footwear cut stock	4	E	(D)	(D)	127	5,000	70	324	3.2	(D)	(D)	(D)
314	Footwear, except rubber	32	7,883	101	402	483	71,100	913	4,073	6.6	11.1	11.1	9.9
3142	House slippers	1	F	(D)	(D)	37	3,700	50	233	2.7	(D)	(D)	(D)
3143	Men's footwear, except athletic	16	H	(D)	(D)	154	31,600	434	2,105	10.4	(D)	(D)	(D)
3144	Women's footwear, except athletic	10	G	(D)	(D)	163	26,600	320	1,316	6.1	(D)	(D)	(D)
3149	Footwear, except rubber, nec	5	F	(D)	(D)	129	9,200	109	419	3.9	(D)	(D)	(D)
315	Leather gloves and mittens	1	B	(D)	(D)	77	3,100	34	185	1.3	(D)	(D)	(D)
3151	Leather gloves and mittens	1	B	(D)	(D)	77	3,100	34	185	1.3	(D)	(D)	(D)
316	Luggage	4	191	2	8	241	11,400	196	929	1.7	1.7	1.0	.9
3161	Luggage	4	191	2	8	241	11,400	196	929	1.7	1.7	1.0	.9
317	Handbags and personal leather goods	3	F	(D)	(D)	530	16,700	232	942	.6	(D)	(D)	(D)
3171	Women's handbags and purses	2	F	(D)	(D)	321	9,500	131	549	.6	(D)	(D)	(D)
3172	Personal leather goods, nec	1	B	(D)	(D)	209	7,200	101	393	.5	(D)	(D)	(D)
319	Leather goods, nec	1	B	(D)	(D)	396	7,100	95	411	.3	(D)	(D)	(D)
3199	Leather goods, nec	1	B	(D)	(D)	396	7,100	95	411	.3	(D)	(D)	(D)
32	Stone, clay, and glass products	849	64,525	1,681	9,275	16,191	523,700	12,349	61,477	5.2	12.3	13.6	15.1
321	Flat glass	4	H	(D)	(D)	84	14,600	507	2,549	4.8	(D)	(D)	(D)
3211	Flat glass	4	H	(D)	(D)	84	14,600	507	2,549	4.8	(D)	(D)	(D)
322	Glass and glassware, pressed or blown	25	6,930	195	734	522	77,400	1,959	8,339	4.8	9.0	10.0	8.8
3221	Glass containers	14	I	(D)	(D)	106	41,100	1,065	4,778	13.2	(D)	(D)	(D)
3229	Pressed and blown glass, nec	11	G	(D)	(D)	416	36,300	894	3,561	2.6	(D)	(D)	(D)
323	Products of purchased glass	30	H	(D)	(D)	1,429	51,100	1,060	5,429	2.1	(D)	(D)	(D)
3231	Products of purchased glass	30	H	(D)	(D)	1,429	51,100	1,060	5,429	2.1	(D)	(D)	(D)
324	Cement, hydraulic	86	11,681	374	2,896	213	19,100	599	4,335	40.4	61.2	62.6	66.8
3241	Cement, hydraulic	86	11,681	374	2,896	213	19,100	599	4,335	40.4	61.2	62.6	66.8
325	Structural clay products	67	7,125	134	526	600	34,600	689	2,915	11.2	20.6	19.5	18.1
3251	Brick and structural clay tile	53	5,022	94	374	266	16,600	312	1,254	19.9	30.3	30.3	29.8
3253	Ceramic wall and floor tile	5	F	(D)	(D)	114	9,500	183	717	4.4	(D)	(D)	(D)
3255	Clay refractories	7	809	19	87	153	6,400	150	788	4.6	12.6	12.5	11.1
3259	Structural clay products, nec	2	E	(D)	(D)	67	2,100	45	155	3.0	(D)	(D)	(D)
326	Pottery and related products	14	2,738	62	177	1,013	38,100	762	2,416	1.4	7.2	8.1	7.3
3261	Vitreous plumbing fixtures	3	F	(D)	(D)	65	9,700	217	791	4.6	(D)	(D)	(D)
3262	Vitreous china table and kitchenware	2	F	(D)	(D)	34	5,400	105	298	5.9	(D)	(D)	(D)
3263	Semivitreous table and kitchenware	0	0	0	0	44	1,800	26	93	0	0	0	0
3264	Porcelain electrical supplies	7	1,203	29	75	116	10,700	248	714	6.0	11.2	11.7	10.5
3269	Pottery products, nec	2	C	(D)	(D)	754	10,500	167	520	.3	(D)	(D)	(D)
327	Concrete, gypsum, and plaster products	556	20,071	481	2,745	9,835	203,200	4,632	24,427	5.7	9.9	10.4	11.2
3271	Concrete block and brick	41	1,411	31	179	1,128	18,600	412	2,246	3.6	7.6	7.4	8.0
3272	Concrete products, nec	138	8,556	198	882	3,154	70,000	1,467	5,828	4.4	12.2	13.5	15.1
3273	Ready-mixed concrete	357	8,690	210	1,348	5,319	96,800	2,287	12,966	6.7	9.0	9.2	10.4
3274	Lime	12	F	(D)	(D)	82	5,700	142	716	14.6	(D)	(D)	(D)
3275	Gypsum products	8	F	(D)	(D)	152	12,100	324	2,671	5.3	(D)	(D)	(D)
328	Cut stone and stone products	2	C	(D)	(D)	746	12,500	243	841	.3	(D)	(D)	(D)
3281	Cut stone and stone products	2	C	(D)	(D)	746	12,500	243	841	.3	(D)	(D)	(D)
329	Miscellaneous nonmetallic mineral products	65	8,542	234	1,280	1,749	73,000	1,898	10,226	3.7	11.7	12.3	12.5
3291	Abrasive products	13	1,665	41	236	405	23,400	624	3,621	3.2	7.1	6.6	6.5
3292	Asbestos products	5	C	(D)	(D)	54	4,000	99	387	9.3	(D)	(D)	(D)
3295	Minerals, ground or treated	11	1,192	30	182	381	8,800	218	1,406	2.9	13.5	13.8	12.9
3296	Mineral wool	12	H	(D)	(D)	231	21,500	619	3,260	5.2	(D)	(D)	(D)
3297	Nonclay refractories	18	1,864	54	206	135	7,700	203	955	13.3	24.2	26.6	21.6
3299	Nonmetallic mineral products, nec	6	C	(D)	(D)	543	7,600	135	597	1.1	(D)	(D)	(D)
33	Primary metal industries	311	78,119	2,292	17,834	6,661	701,100	19,777	120,248	4.7	11.1	11.6	14.8
331	Blast furnace and basic steel products	97	35,922	1,164	7,664	1,127	252,800	8,166	51,815	8.6	14.2	14.3	14.8
3312	Blast furnaces and steel mills	26	23,436	822	5,124	342	188,100	6,422	38,569	7.6	12.5	12.8	13.3
3313	Electrometallurgical products	10	2,244	65	406	30	3,900	113	844	33.3	57.5	57.4	48.1
3315	Steel wire and related products	34	5,396	125	763	343	24,700	592	3,330	9.9	21.8	21.2	22.9
3316	Cold finishing of steel shapes	9	2,540	85	779	191	16,400	524	5,216	4.7	15.5	16.3	14.9
3317	Steel pipe and tubes	18	2,306	68	592	221	19,600	515	3,856	8.1	11.8	13.1	15.3
332	Iron and steel foundries	22	9,956	250	905	1,231	129,800	3,426	10,628	1.8	7.7	7.3	8.5
3321	Gray and ductile iron foundries	12	H	(D)	(D)	774	82,400	2,290	7,213	1.6	(D)	(D)	(D)
3322	Malleable iron foundries	0	0	0	0	28	4,200	121	283	0	0	0	0
3324	Steel investment foundries	5	I	(D)	(D)	135	20,300	471	1,451	3.7	(D)	(D)	(D)

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
3355	Aluminum rolling and drawing, nec	0	0	0	0	29	900	24	482	0	0	0	0
3356	Nonferrous rolling and drawing, nec	25	4,817	142	938	172	17,900	528	3,049	14.5	26.9	26.9	30.8
3357	Nonferrous wiredrawing and insulating	45	8,428	189	1,482	487	64,900	1,504	10,827	9.2	13.0	12.6	13.7
336	Nonferrous foundries (castings)	28	1,671	42	164	1,689	79,500	1,805	6,315	1.7	2.1	2.3	2.6
3363	Aluminum die-castings	7	E	(D)	(D)	412	28,100	697	2,469	1.7	(D)	(D)	(D)
3364	Nonferrous die-casting except aluminum	8	418	11	55	304	12,900	260	1,010	2.6	3.2	4.2	5.4
3365	Aluminum foundries	4	299	7	25	583	26,300	572	1,872	.7	1.1	1.2	1.3
3366	Copper foundries	7	476	12	39	334	8,200	175	625	2.1	5.8	6.8	6.3
3369	Nonferrous foundries, nec	2	C	(D)	(D)	56	4,000	101	340	3.6	(D)	(D)	(D)
339	Miscellaneous primary metal products	24	1,941	56	356	977	31,800	775	2,907	2.5	6.1	7.2	12.2
3398	Metal heat treating	3	281	7	39	725	18,000	422	1,397	.4	1.6	1.7	2.8
3399	Primary metal products, nec	21	1,660	49	317	252	13,800	353	1,510	8.3	12.0	13.9	21.0
34	Fabricated metal products	401	61,434	1,607	7,305	36,092	1,458,000	35,000	147,366	1.1	4.2	4.6	5.0
341	Metal cans and shipping containers	11	1,009	27	162	537	48,200	1,527	12,114	2.0	2.1	1.7	1.3
3411	Metal cans	4	C	(D)	(D)	369	39,400	1,325	11,014	1.1	(D)	(D)	(D)
3412	Metal barrels, drums, and pails	7	F	(D)	(D)	168	8,700	202	1,100	4.2	(D)	(D)	(D)
342	Cutlery, handtools, and hardware	36	8,473	206	855	2,328	145,200	3,389	13,481	1.5	5.8	6.1	6.3
3421	Cutlery	5	810	15	75	141	10,500	241	1,054	3.5	7.7	6.4	7.1
3423	Hand and edge tools, nec	4	G	(D)	(D)	810	41,900	922	3,606	.5	(D)	(D)	(D)
3425	Saw blades and handsaws	3	C	(D)	(D)	138	7,700	177	675	2.2	(D)	(D)	(D)
3429	Hardware, nec	24	6,396	157	601	1,239	85,200	2,049	8,146	1.9	7.5	7.7	7.4
343	Plumbing and heating, except electric	10	837	19	81	833	45,500	1,005	5,283	1.2	1.8	1.9	1.5
3431	Metal sanitary ware	1	A	(D)	(D)	97	8,000	193	803	1.0	(D)	(D)	(D)
3432	Plumbing fixture fittings and trim	2	C	(D)	(D)	180	17,100	356	2,355	1.1	(D)	(D)	(D)
3433	Heating equipment, except electric	7	F	(D)	(D)	556	20,500	456	2,124	1.3	(D)	(D)	(D)
344	Fabricated structural metal products	113	17,835	440	2,280	12,583	407,200	9,042	40,416	.9	4.4	4.9	5.6
3441	Fabricated structural metal	13	2,029	43	218	2,453	80,900	1,880	8,678	.5	2.5	2.3	2.5
3442	Metal doors, sash, and trim	15	3,485	64	339	1,592	74,700	1,414	6,591	.9	2.7	4.5	5.1
3443	Fabricated plate work (boiler shops)	27	7,037	196	711	1,740	74,700	1,842	6,810	1.6	9.4	10.6	10.4
3444	Sheet metal work	33	2,365	58	508	4,296	100,200	2,237	9,699	.8	2.4	2.6	5.2
3446	Architectural metal work	4	E	(D)	(D)	1,345	28,000	573	2,269	.3	(D)	(D)	(D)
3448	Prefabricated metal buildings	11	G	(D)	(D)	560	25,800	559	3,138	2.0	(D)	(D)	(D)
3449	Miscellaneous metal work	10	927	29	167	597	22,900	538	3,231	1.7	4.0	5.4	5.2
345	Screw machine products, bolts, etc	7	720	18	67	2,572	94,700	2,270	7,890	.3	.8	.8	.8
3451	Screw machine products	3	E	(D)	(D)	1,635	42,700	945	2,806	.2	(D)	(D)	(D)
3452	Bolts, nuts, rivets, and washers	4	E	(D)	(D)	937	52,000	1,325	5,084	.4	(D)	(D)	(D)
346	Metal forgings and stampings	57	11,627	350	1,440	4,070	255,300	7,235	28,410	1.4	4.6	4.8	5.1
3462	Iron and steel forgings	5	832	23	105	406	26,600	747	3,004	1.2	3.1	3.1	3.5
3463	Nonferrous forgings	4	F	(D)	(D)	79	7,300	218	1,004	5.1	(D)	(D)	(D)
3465	Automotive stampings	18	6,152	214	824	713	119,800	3,977	15,252	2.5	5.1	5.4	5.4
3466	Crowns and closures	4	F	(D)	(D)	57	6,100	162	820	7.0	(D)	(D)	(D)
3469	Metal stampings, nec	26	2,877	71	326	2,815	95,500	2,132	8,331	.9	3.0	3.3	3.9
347	Metal services, nec	42	2,427	54	259	5,265	112,600	2,167	7,790	.8	2.2	2.5	3.3
3471	Plating and polishing	16	1,235	26	107	3,451	71,100	1,336	3,867	.5	1.7	1.9	2.8
3479	Metal coating and allied services	26	1,192	28	152	1,814	41,500	832	3,923	1.4	2.9	3.4	3.9
348	Ordnance and accessories, nec	12	6,680	177	698	376	87,600	2,458	7,644	3.2	7.6	7.2	9.1
3482	Small arms ammunition	2	F	(D)	(D)	79	9,000	244	889	2.5	(D)	(D)	(D)
3483	Ammunition, except for small arms, nec	4	H	(D)	(D)	87	41,500	1,073	3,983	4.6	(D)	(D)	(D)
3484	Small arms	4	G	(D)	(D)	151	13,300	337	1,093	2.6	(D)	(D)	(D)
3489	Ordnance and accessories, nec	2	E	(D)	(D)	59	23,900	805	1,678	3.4	(D)	(D)	(D)
349	Miscellaneous fabricated metal products	113	11,826	316	1,464	7,528	261,700	5,906	24,340	1.5	4.5	5.4	6.0
3491	Industrial valves	21	3,073	81	355	384	45,900	1,194	4,591	5.5	6.7	6.8	7.7
3492	Fluid power valves and hose fittings	8	1,272	32	101	386	27,900	686	2,452	2.1	4.6	4.7	4.1
3493	Steel springs, except wire	3	C	(D)	(D)	151	5,000	122	459	2.0	(D)	(D)	(D)
3494	Valves and pipe fittings, nec	8	1,226	34	126	416	25,100	570	2,377	1.9	4.9	5.9	5.3
3495	Wire springs	4	F	(D)	(D)	407	19,700	407	1,580	1.0	(D)	(D)	(D)
3496	Miscellaneous fabricated wire products	19	1,119	23	148	1,157	35,100	674	2,721	1.6	3.2	3.5	5.4
3497	Metal foil and leaf	7	672	19	191	117	10,400	304	2,287	6.0	6.5	6.3	8.3
3498	Fabricated pipe and fittings	22	969	22	96	728	20,000	423	1,726	3.0	4.8	5.2	5.5
3499	Fabricated metal products, nec	21	2,792	86	366	3,782	72,500	1,526	6,149	.6	3.9	5.6	6.0
35	Industrial machinery and equipment	675	115,976	3,193	14,289	52,091	1,844,400	50,553	217,670	1.3	6.3	6.3	6.6
351	Engines and turbines	16	5,243	167	544	359	86,900	2,906	14,570	4.5	6.0	5.7	3.7
3511	Turbines and turbine generator sets	3	F	(D)	(D)	81	22,900	863	3,448	3.7	(D)	(D)	(D)
3519	Internal combustion engines, nec	12	H	(D)	(D)	278	64,000	2,043	11,123	4.3	(D)	(D)	(D)
352	Farm and garden machinery	15	3,927	71	550	1,799	82,000	1,917	11,474	.8	4.8	3.7	4.8
3523	Farm machinery and equipment	8	1,029	23	136	1,634	57,000	1,416	6,880	.5	1.8	1.6	2.0
3524	Lawn and garden equipment	7	2,898	48	413	165	24,900	501	4,594	4.2	11.6	9.5	9.0
353	Construction and related machinery	102	12,828	362	1,803	3,473	188,300	5,272	24,622	2.9	6.8	6.9	7.3
3531	Construction machinery	38	5,247	144	841	954	81,100	2,428	12,768	4.0	6.5	5.9	6.6
3532	Mining machinery	14	1,065	28	126	321	13,600	355	1,518	4.4	7.8	7.8	8.3
3533	Oil and gas field machinery	19	2,653	79	374	633	24,800	719	2,728	3.0	10.7	11.0	13.7
3534	Elevators and moving stairways	3	F	(D)	(D)	176	10,200	262	1,084	1.7	(D)	(D)	(D)
3535	Conveyors and conveying equipment	14	1,902	62	254	747	31,500	857	3,408	1.9	6.0	7.2	7.5
3536	Hoists, cranes, and monorails	6	E	(D)	(D)	175	7,000	175	675	3.4	(D)	(D)	(D)
3537	Industrial trucks and tractors	8	907	24	125	467	20,100	476	2,440	1.7	4.5	5.0	5.1
354	Metalworking machinery	103	12,328	346	1,410	11,446	267,700	7,301	22,004	.9	4.6	4.7	6.4
3541	Machine tools, metal cutting types	15	1,890	55	295	417	31,700	922	3,190	3.6	6.0	6.0	9.3
3542	Machine tools, metal forming types	10	995	28	97	207	13,800	414	1,396	4.8	7.2	6.8	6.9
3543	Industrial patterns	2	E	(D)	(D)	813	8,600	238	499	.2	(D)	(D)	(D)
3544	Special dies, tools, jigs and fixtures	14	1,443	47	97	7,317	114,400	3,164	7,550	.2	1.3	1.5	1.3
3545	Machine tool accessories	32	3,152	87	306	1,881	48,500	1,187	3,601	1.7	6.5	7.3	8.5
3546	Power-driven handtools	5	1,634	41	321	199	16,800	383	2,162	2.5	9.7	10.8	14.8
3547	Rolling mill machinery	2	B	(D)	(D)	86	3,900	121	468	2.3	(D)	(D)	(D)
3548	Welding apparatus	15	1,472	39	156	225	18,700	542	2,105	6.7	7.9	7.2	7.4
3549	Metalworking machinery, nec	8	1,205	44	96	301	11,300	332	1,033	2.7	10.7	13.2	9.3
355	Special industry machinery	120	19,607	600	2,223	4,557	169,100	4,588	17,096	2.6	11.6	13.1	13.0
3552	Textile machinery	14	1,27										

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
3566	Speed changers, drives, and gears	10	760	19	97	276	17,900	474	1,569	3.6	4.2	4.1	6.2
3567	Industrial furnaces and ovens	16	1,190	35	174	370	16,600	401	1,435	4.3	7.2	8.7	12.1
3568	Power transmission equipment, nec	12	901	24	80	308	22,000	563	2,041	3.9	4.1	4.3	3.9
3569	General industrial machinery, nec	19	1,431	39	199	1,219	40,600	1,014	3,840	1.6	3.5	3.9	5.2
357	Computer and office equipment	56	23,064	682	3,439	2,052	327,700	10,668	60,627	2.7	7.0	6.4	5.7
3571	Electronic computers	26	12,636	421	2,492	974	151,900	4,953	33,627	2.7	8.3	8.5	7.4
3572	Computer storage devices	2	E	(D)	(D)	106	43,300	1,443	6,395	1.9	(D)	(D)	(D)
3575	Computer terminals	4	G	(D)	(D)	121	15,000	442	1,799	3.3	(D)	(D)	(D)
3577	Computer peripheral equipment, nec	16	4,584	114	439	549	76,200	2,625	14,022	2.9	6.0	4.4	3.1
3578	Calculating and accounting equipment	0	0	0	0	98	12,800	381	1,487	0	0	0	0
3579	Office machines, nec	8	4,072	93	381	204	28,500	825	3,297	3.9	14.3	11.3	11.5
358	Refrigeration and service machinery	58	11,201	255	1,504	2,105	190,400	4,752	23,235	2.8	5.9	5.4	6.5
3581	Automatic vending machines	1	C	(D)	(D)	98	7,900	186	715	1.0	(D)	(D)	(D)
3582	Commercial laundry equipment	1	B	(D)	(D)	81	4,600	107	456	1.2	(D)	(D)	(D)
3585	Refrigeration and heating equipment	33	8,966	196	1,177	894	133,300	3,356	17,035	3.7	6.7	5.9	6.9
3586	Measuring and dispensing pumps	8	G	(D)	(D)	83	9,400	249	1,069	9.6	(D)	(D)	(D)
3589	Service industry machinery, nec	15	942	29	167	949	35,200	855	3,960	1.6	2.7	3.4	4.2
359	Industrial machinery, nec	53	6,397	164	555	22,348	291,900	6,946	19,921	.2	2.2	2.4	2.8
3592	Carburetors, pistons, rings, valves	8	2,436	56	203	155	21,700	648	2,287	5.2	11.2	8.6	8.9
3593	Fluid power cylinders and actuators	5	700	22	88	362	20,200	602	1,897	1.4	3.5	3.6	4.6
3594	Fluid power pumps and motors	5	660	18	76	150	14,800	429	1,404	3.3	4.5	4.1	5.4
3596	Scales and balances, except laboratory	5	930	22	45	134	6,700	146	633	3.7	13.9	15.2	7.0
3599	Industrial machinery, nec	30	1,671	47	144	21,547	228,500	5,121	13,700	.1	.7	.9	1.1
36	Electronic and other electric equipment	562	170,320	4,028	21,438	15,922	1,564,700	38,738	171,286	3.5	10.9	10.4	12.5
361	Electric distribution equipment	43	11,080	240	1,318	760	77,000	1,791	8,197	5.7	14.4	13.4	16.1
3612	Transformers, except electronic	14	4,250	92	522	286	32,200	720	3,290	4.9	13.2	12.7	15.9
3613	Switchgear and switchboard apparatus	29	6,830	148	795	474	44,800	1,071	4,907	6.1	15.2	13.8	16.2
362	Electrical industrial apparatus	73	16,966	415	1,640	2,206	165,500	3,882	15,266	3.3	10.3	10.7	10.7
3621	Motors and generators	24	8,873	210	736	462	74,600	1,664	6,753	5.2	11.9	12.7	10.9
3624	Carbon and graphite products	14	2,751	81	384	95	9,800	263	1,225	14.7	28.1	30.7	31.4
3625	Relays and industrial controls	29	4,481	100	398	1,168	66,600	1,631	6,101	2.5	6.7	6.1	6.5
3629	Electrical industrial apparatus, nec	6	861	24	122	481	14,500	325	1,188	1.2	5.9	7.4	10.2
363	Household appliances	23	13,642	288	1,713	481	116,800	2,642	16,498	4.8	11.7	10.9	10.4
3631	Household cooking equipment	5	H	(D)	(D)	78	21,900	476	3,396	6.4	(D)	(D)	(D)
3632	Household refrigerators and freezers	4	H	(D)	(D)	49	25,700	651	3,519	8.2	(D)	(D)	(D)
3633	Household laundry equipment	4	G	(D)	(D)	18	16,700	466	3,035	22.2	(D)	(D)	(D)
3634	Electric housewares and fans	5	G	(D)	(D)	230	25,100	433	2,826	2.2	(D)	(D)	(D)
3635	Household vacuum cleaners	2	E	(D)	(D)	31	11,300	247	1,324	6.5	(D)	(D)	(D)
3639	Household appliances, nec	3	E	(D)	(D)	75	16,000	370	2,398	4.0	(D)	(D)	(D)
364	Electric lighting and wiring equipment	67	14,507	324	1,440	1,951	166,600	3,732	18,004	3.4	8.7	8.7	8.0
3641	Electric lamps	9	H	(D)	(D)	127	22,200	527	3,097	7.1	(D)	(D)	(D)
3643	Current-carrying wiring devices	9	2,179	53	141	430	47,900	964	3,848	2.1	4.5	5.5	3.7
3644	Noncurrent-carrying wiring devices	3	C	(D)	(D)	209	21,500	550	2,903	1.4	(D)	(D)	(D)
3645	Residential lighting fixtures	11	H	(D)	(D)	580	22,500	399	1,773	1.9	(D)	(D)	(D)
3646	Commercial lighting fixtures	15	H	(D)	(D)	271	22,700	478	2,740	5.5	(D)	(D)	(D)
3647	Vehicular lighting equipment	4	E	(D)	(D)	72	15,500	509	1,970	5.6	(D)	(D)	(D)
3648	Lighting equipment, nec	16	1,624	37	211	262	14,400	304	1,674	6.1	11.3	12.1	12.6
365	Household audio and video equipment	24	14,929	298	4,137	854	44,200	850	7,833	2.8	33.8	35.1	52.8
3651	Household audio and video equipment	18	12,270	250	3,519	378	30,900	584	5,911	4.8	39.7	42.8	59.5
3652	Pre-recorded records and tapes	6	2,659	49	617	476	13,300	266	1,922	1.3	20.0	18.3	32.1
366	Communications equipment	89	36,112	924	4,989	1,506	260,200	7,537	34,001	5.9	13.9	12.3	14.7
3661	Telephone and telegraph apparatus	40	28,189	719	4,013	469	112,300	3,228	17,583	8.5	25.1	22.3	22.8
3663	Radio and television communications equipment	28	5,041	130	672	655	126,000	3,776	14,229	4.3	4.0	3.4	4.7
3669	Communications equipment, nec	21	2,882	75	304	382	21,900	533	2,190	5.5	13.2	14.1	13.9
367	Electronic components and accessories	182	50,093	1,240	4,632	5,836	546,400	13,623	50,258	3.1	9.2	9.1	9.2
3671	Electron tubes	12	3,669	84	431	121	28,400	792	2,735	9.9	12.9	10.6	15.8
3672	Printed circuit boards	9	1,505	34	96	1,009	66,600	1,379	4,673	.9	2.3	2.5	2.1
3674	Semiconductors and related devices	53	25,452	720	2,812	853	184,600	5,495	19,795	6.2	13.8	13.1	14.2
3675	Electronic capacitors	9	2,927	51	205	148	21,700	393	1,440	6.1	13.5	12.9	14.3
3676	Electronic resistors	19	3,835	63	177	118	15,700	293	883	16.1	24.4	21.3	20.1
3677	Electronic coils and transformers	4	1,043	24	64	416	23,900	396	1,228	1.0	4.4	6.0	5.2
3678	Electronic connectors	16	3,842	92	314	271	42,800	985	4,065	5.9	9.0	9.3	7.7
3679	Electronic components, nec	60	7,820	173	532	2,900	162,600	3,890	15,439	2.1	4.8	4.4	3.4
369	Miscellaneous electrical equipment and supplies	61	12,991	298	1,571	2,328	188,000	4,682	21,230	2.6	6.9	6.4	7.4
3691	Storage batteries	15	2,446	49	255	190	24,200	626	3,303	7.9	10.1	7.8	7.7
3692	Primary batteries, dry and wet	5	1,701	28	71	72	10,700	232	1,878	6.9	15.9	12.0	3.8
3694	Engine electrical equipment	4	390	6	26	487	67,300	1,719	7,489	.8	.6	.4	.3
3695	Magnetic and optical recording media	7	3,955	94	904	200	25,600	639	3,504	3.5	15.4	14.7	25.8
3699	Electrical equipment and supplies, nec	30	4,499	122	316	1,379	60,300	1,466	5,056	2.2	7.5	8.3	6.2
37	Transportation equipment	163	55,783	1,568	14,679	10,505	1,817,400	58,790	332,936	1.6	3.1	2.7	4.4
371	Motor vehicles and equipment	97	40,456	1,141	12,890	4,438	751,400	23,910	205,923	2.2	5.4	4.8	6.3
3711	Motor vehicles and car bodies	19	22,764	712	9,641	413	281,300	10,214	133,346	4.6	8.1	7.0	7.2
3713	Truck and bus bodies	8	G	(D)	(D)	716	37,800	851	4,589	1.1	(D)	(D)	(D)
3714	Motor vehicle parts and accessories	67	15,596	382	3,039	2,807	389,600	11,958	62,068	2.4	4.0	3.2	4.9
3715	Truck trailers	2	F	(D)	(D)	337	27,500	570	2,434	.6	(D)	(D)	(D)
3716	Motor homes	0	0	0	0	165	15,100	317	3,487	0	0	0	0
372	Aircraft and parts	41	11,135	319	1,291	1,622	596,000	20,590	77,304	2.5	1.9	1.6	1.7
3721	Aircraft	2	G	(D)	(D)	155	288,200	9,680	39,093	1.3	(D)	(D)	(D)
3724	Aircraft engines and engine parts	15	G	(D)	(D)	453	139,600	4,814	20,262	3.3	(D)	(D)	(D)
3728	Aircraft parts and equipment, nec	24	7,850	230	665	1,014	188,200	6,097	17,949	2.4	4.2	3.8	3.7
373	Ship and boat building and repairing	10	G	(D)	(D)	2,766	177,400	4,266	13,857	.4	(D)	(D)	(D)
3731	Ship building and repairing	4	E	(D)	(D)	590	120,200	3,218	8,504	.7	(D)	(D)	(D)
3732	Boat building and repairing	6	G	(D)	(D)	2,176	57,200	1,048	5,353	.3	(D)	(D)	(D)
374	Railroad equipment	7	505	20	40	174	22,100	631	2,471	4.0	2.3	3.2	1.6
3743	Railroad equipment	7											

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²				
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Estab-lish-ments	Em-ploy-ment	Payroll	Ship-ments or sales	
				Payroll	Ship-ments or sales			Payroll	Shipments or sales					
382	Measuring and controlling devices	142	27,512	732	2,598	4,168	284,700	7,807	26,042	3.4	9.7	9.4	10	
3821	Laboratory apparatus and furniture	10	2,027	62	397	260	17,100	441	1,769	3.8	11.9	14.0	22.5	
3822	Environmental controls	14	I	(D)	(P)	254	26,500	602	2,069	5.5	(D)	(D)	(D)	
3823	Process control instruments	27	4,676	110	330	784	53,300	1,476	4,788	3.4	8.8	7.4	6.9	
3824	Fluid meters and counting devices	6	G	(D)	(P)	158	10,100	237	939	3.8	(D)	(D)	(D)	
3825	Instruments to measure electricity	30	7,025	225	639	930	85,200	2,477	7,703	3.2	8.2	9.1	8.3	
3826	Analytical instruments	18	1,593	48	220	562	31,200	893	3,468	3.2	5.1	5.3	6.3	
3827	Optical instruments and lenses	9	1,510	37	107	250	20,100	582	1,864	3.6	7.5	6.4	5.7	
3829	Measuring and controlling devices, nec	28	3,814	117	401	970	41,000	1,099	3,442	2.9	9.3	10.7	11.6	
384	Medical instruments and supplies	92	14,456	393	1,661	3,441	204,200	5,027	22,865	2.7	7.1	7.8	7.3	
3841	Surgical and medical instruments	36	6,614	178	696	1,136	73,100	1,786	7,780	3.2	9.0	10.0	8.9	
3842	Surgical appliances and supplies	29	3,781	90	417	1,501	78,500	1,786	8,534	1.9	4.8	5.0	4.9	
3843	Dental equipment and supplies	9	1,114	30	121	505	14,600	348	1,421	1.8	7.6	8.6	8.5	
3844	X-ray apparatus and tubes	4	668	23	119	75	8,700	257	1,554	5.3	7.7	8.9	7.7	
3845	Electromedical equipment	14	2,279	72	308	224	29,200	851	3,577	6.3	7.8	8.5	8.6	
385	Ophthalmic goods	12	5,274	115	314	495	24,200	475	1,689	2.4	21.8	24.3	18.6	
3851	Ophthalmic goods	12	5,274	115	314	495	24,200	475	1,689	2.4	21.8	24.3	18.6	
386	Photographic equipment and supplies	23	8,010	266	1,721	787	88,000	2,878	19,241	2.9	9.1	9.2	8.9	
3861	Photographic equipment and supplies	23	8,010	266	1,721	787	88,000	2,878	19,241	2.9	9.1	9.2	8.9	
387	Watches, clocks, watchcases, and parts	11	2,344	43	201	218	11,800	223	1,221	5.0	19.9	19.1	16.5	
3873	Watches, clocks, watchcases, and parts	11	2,344	43	201	218	11,800	223	1,221	5.0	19.9	19.1	16.5	
39	Miscellaneous manufacturing industries	112	20,900	445	2,494	16,573	374,300	6,884	32,012	.7	5.6	6.5	7.8	
391	Jewelry, silverware, and plated ware	1	1,266	23	131	2,975	49,500	941	5,554	.2	2.6	2.4	2.4	
3911	Jewelry, precious metal	3	E	(D)	(D)	2,324	35,500	682	4,078	.1	(D)	(D)	(D)	
3914	Silverware and plated ware	2	F	(D)	(D)	209	6,900	133	529	1.0	(D)	(D)	(D)	
3915	Jewelers' materials and lapidary work	2	C	(D)	(D)	442	7,100	126	947	.5	(D)	(D)	(D)	
393	Musical instruments	16	2,041	42	161	423	12,200	218	814	3.8	16.7	19.3	19.8	
3931	Musical instruments	16	2,041	42	161	423	12,200	218	814	3.8	16.7	19.3	19.8	
394	Toys and sporting goods	28	7,387	142	1,067	2,713	88,900	1,512	8,798	1.0	8.3	9.4	12.1	
3942	Dolls and stuffed toys	0	0	0	0	197	4,400	58	294	0	0	0	0	
3944	Games, toys, and children's vehicles	9	3,414	76	556	716	30,900	542	3,381	1.3	11.0	14.0	16.4	
3949	Sporting and athletic goods, nec	19	3,973	66	511	1,800	53,600	913	5,123	1.1	7.4	7.2	10	
395	Pens, pencils, office, and art supplies	14	1,971	32	213	1,016	28,800	540	2,536	1.4	6.8	6.0	8.4	
3951	Pens and mechanical pencils	8	F	(D)	(D)	110	8,400	167	819	7.3	(D)	(D)	(D)	
3952	Lead pencils and art goods	4	F	(D)	(D)	145	5,600	103	609	2.8	(D)	(D)	(D)	
3953	Marking devices	1	B	(D)	(D)	636	7,500	137	443	.2	(D)	(D)	(D)	
3955	Carbon paper and inked ribbons	1	E	(D)	(D)	125	7,300	134	665	.8	(D)	(D)	(D)	
396	Costume jewelry and notions	7	1,432	29	108	1,022	31,800	498	2,062	.7	4.5	5.8	5.3	
3961	Costume jewelry	1	C	(D)	(D)	760	22,200	329	1,392	.1	(D)	(D)	(D)	
3965	Fasteners, buttons, needles, and pins	6	G	(D)	(D)	262	9,600	169	670	2.3	(D)	(D)	(D)	
399	Miscellaneous manufactures	40	6,803	178	814	8,424	163,300	3,174	12,248	.5	4.2	5.6	6.6	
3991	Brooms and brushes	2	E	(D)	(D)	301	12,300	231	990	.7	(D)	(D)	(D)	
3993	Signs and advertising specialties	7	F	(D)	(D)	3,778	66,300	1,365	4,283	.2	(D)	(D)	(D)	
3995	Burial caskets	0	0	0	0	231	8,700	163	840	0	0	0	0	
3996	Hard surface floor coverings, nec	2	F	(D)	(D)	21	7,600	225	1,310	9.5	(D)	(D)	(D)	
3999	Manufacturing industries, nec	29	4,894	134	591	4,093	68,300	1,191	4,825	.7	7.2	11.3	12.2	
	Administrative and auxiliary	1,074	130,712	5,318	n.a.	9,952	1,233,600	47,202	n.a.	10.8	10.6	11.3	n.a.	
	Transportation and public utilities⁴	2,164	94,284	2,339	n.a.	226,703	5,102,987	136,586	n.a.	1.0	1.8	1.7	n.a.	
41	Local and interurban passenger transit	95	13,255	118	n.a.	15,180	299,157	3,815	n.a.	.6	4.4	3.1	n.a.	
411	Local and suburban transportation	13	G	(D)	(D)	5,582	112,638	1,741	n.a.	.2	(D)	(D)	n.a.	
4111	Local and suburban transit	1	B	(D)	(D)	n.a.	710	38,682	804	n.a.	.1	(D)	(D)	n.a.
4119	Local passenger transportation, nec	12	G	(D)	(D)	n.a.	4,860	73,894	936	n.a.	.2	(D)	(D)	n.a.
412	Taxicabs	1	E	(D)	(D)	n.a.	3,434	34,298	338	n.a.	.1	(D)	(D)	n.a.
413	Intercity highway transportation	0	0	0	0	n.a.	704	26,243	530	n.a.	0	0	0	
414	Transportation charter service	9	F	(D)	(D)	n.a.	701	16,539	229	n.a.	1.3	(D)	(D)	n.a.
4141	Local passenger charter service	2	F	(D)	(D)	n.a.	213	5,704	96	n.a.	.9	(D)	(D)	n.a.
4142	Charter service, except local	7	C	(D)	(D)	n.a.	348	8,303	105	n.a.	2.0	(D)	(D)	n.a.
415	School buses	72	J	(D)	(D)	n.a.	3,329	96,646	839	n.a.	2.2	(D)	(D)	n.a.
417	Bus terminal and service facilities	0	0	0	0	n.a.	301	3,076	37	n.a.	0	0	0	
4171	Bus terminal facilities	0	0	0	0	n.a.	274	2,704	33	n.a.	0	0	0	
4172	Bus service facilities	0	0	0	0	n.a.	26	371	5	n.a.	0	0	0	
42	Trucking and warehousing	591	22,724	573	1,757	102,703	1,446,230	30,997	103,043	.6	1.6	1.9	1.7	
421	Trucking and courier services, except air	379	16,110	438	1,280	95,393	1,369,023	29,522	97,722	.4	1.2	1.5	1.3	
4212	Local trucking, without storage	78	2,601	61	167	45,893	299,756	5,687	20,518	.2	.9	1.1	.8	
4213	Trucking, except local	289	12,612	362	1,029	37,742	731,243	17,148	60,809	.8	1.7	2.1	1.7	
4214	Local trucking with storage	5	E	(D)	(D)	5,804	72,443	1,262	3,737	.1	(D)	(D)	(D)	
4215	Courier services, except by air	7	E	(D)	(D)	5,954	265,581	5,425	12,658	.1	(D)	(D)	(D)	
422	Public warehousing and storage	206	6,518	134	474	7,232	75,966	1,448	5,255	2.8	8.6	9.3	9.0	
4221	Farm product warehousing and storage	77	554	11	48	751	7,729	131	586	10.3	7.2	8.7	8.2	
4222	Refrigerated warehousing and storage	67	2,529	50	181	982	16,051	334	1,171	6.8	15.8	15.0	15.4	
4225	General warehousing and storage	21	2,119	35	102	4,294	37,143	670	2,333	.5	5.7	5.3	4.4	
4226	Special warehousing and storage, nec	41	1,316	37	143	1,205	15,043	312	1,165	3.4	8.7	11.9	12.3	
423	Trucking terminal facilities	6	96	1	3	78	1,241	27	66	7.7	7.7	4.5	4.7	
44	Water transportation	105	5,333	149	769	7,032	169,014	4,317	20,638	1.5	3.2	3.5	3.7	
441,2,3,4	Water transportation of freight	24	848	26	360	776	40,079	1,353	9,938	3.1	2.1	1.9	3.6	
441.2	Deep sea foreign and domestic freight	15	196	6	269	470	28,472	1,013	7,834	3.2	(D)	.6	3.4	
4412	Deep sea foreign transportation of freight	12	B	(D)	(D)	273	16,787	578	5,221	4.4	(D)	(D)	(D)	
4424	Deep sea domestic transportation of freight	3	C	(D)	(D)	197	11,685	436	2,613	1.5	(D)	(D)	(D)	
443,4	Other water transportation of freight	9	652	19	91	306	11,607	339	2,104	2.9	5.6	5.7	4.3	
4432	Freight transportation on the Great Lakes	3	B	(D)	(D)	24	1,001	54	229	12.5	(D)	(D)	(D)	
4449	Water transportation of freight, nec	6	E	(D)	(D)	282	10,606	285	1,875	2.1	(D)	(D)	(D)	
448	Water transportation of passengers	0	0	0	0	592	19,976	341	2,342	0	0	0	0	
4482	Ferries	0	0	0	0	101	1,592	30	96	0	0	0	0	
4481,9	Water transportation of passengers, except by ferry	0	0	0	0	491	18,384	311	2,247	0	0	0	0	
4481	Deep sea passenger transportation	0	0	0	0	104	13,780	231	1,934	0	0	0	0	
4489	Water passenger transportation, nec	0	0	0</										

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
458	Air transportation services	45	1,972	43	n.a.	2,822	67,478	1,375	n.a.	1.6	2.9	3.2	n.a.
46	Pipelines, except natural gas	206	3,643	147	n.a.	607	16,315	634	n.a.	33.9	22.3	23.2	n.a.
461	Pipelines, except natural gas	206	3,643	147	n.a.	598	16,278	633	n.a.	34.4	22.4	23.2	n.a.
47	Transportation services	586	14,348	378	997	38,459	290,332	5,371	16,779	1.5	4.9	7.0	5.9
472	Passenger transportation arrangement	112	3,122	77	261	27,319	165,195	2,602	7,291	.4	1.9	2.9	3.6
4724	Travel agencies	72	974	24	60	23,185	131,131	2,010	5,220	.3	.7	1.2	1.1
4725	Tour operators	33	G	(D)	(D)	2,492	24,821	449	1,583	1.3	(D)	(D)	(D)
4729	Passenger transport arrangement, nec	6	F	(D)	(D)	1,642	9,243	144	488	.4	(D)	(D)	(D)
473	Freight transportation arrangement	463	10,799	292	661	9,409	97,360	2,301	6,579	4.9	11.1	12.7	10
474,8	Other transportation services	10	385	8	75	1,731	27,777	468	2,910	.6	1.4	1.6	2.6
474	Rental of railroad cars	0	0	0	0	139	2,376	81	1,752	0	0	0	0
478	Miscellaneous transportation services	10	385	8	75	1,592	25,401	386	1,158	.6	1.5	2.0	6.5
4783	Packing and crating	0	0	0	0	481	5,405	82	260	0	0	0	0
4785	Inspection and fixed facilities	5	C	(D)	(D)	160	1,438	27	121	3.1	(D)	(D)	(D)
4789	Transportation services, nec	5	C	(D)	(D)	951	18,558	277	777	.5	(D)	(D)	(D)
48	Communication	101	6,840	194	n.a.	32,320	1,201,544	35,507	n.a.	.3	.6	.5	n.a.
481	Telephone communication	11	E	(D)	(D)	17,790	811,361	25,332	n.a.	.1	(D)	(D)	n.a.
482	Telegraph communication	22	F	(D)	(D)	883	10,512	324	n.a.	2.5	(D)	(D)	n.a.
483	Radio and television broadcasting	27	2,215	77	n.a.	7,822	226,298	6,003	n.a.	.3	1.0	1.3	n.a.
489	Communication services, nec	40	3,544	90	n.a.	5,400	150,357	3,789	n.a.	.7	2.4	2.4	n.a.
49	Electric, gas, and sanitary services	211	8,985	265	n.a.	18,042	847,883	28,465	n.a.	1.2	1.1	.9	n.a.
491	Electric services	3	B	(D)	(D)	4,855	440,133	15,398	n.a.	.1	(D)	(D)	n.a.
492	Gas production and distribution	35	H	(D)	(D)	3,305	135,831	4,318	n.a.	1.1	(D)	(D)	n.a.
493	Combination utility services	3	B	(D)	(D)	1,026	160,863	5,998	n.a.	.3	(D)	(D)	n.a.
4931	Electric and other services combined	0	0	0	n.a.	682	110,821	4,133	n.a.	0	0	0	n.a.
4932	Gas and other services combined	0	0	0	n.a.	162	45,498	1,740	n.a.	0	0	0	n.a.
4939	Combination utility services, nec	2	B	(D)	(D)	132	4,171	116	n.a.	1.5	(D)	(D)	n.a.
494	Water supply	74	1,767	51	n.a.	3,197	23,520	519	n.a.	2.3	7.5	9.9	n.a.
495	Sanitary services	94	3,384	81	n.a.	4,460	78,717	2,018	n.a.	2.1	4.3	4.0	n.a.
496	Steam supply	0	0	0	n.a.	66	2,781	114	n.a.	0	0	0	n.a.
497	Irrigation systems	2	B	(D)	(D)	336	2,100	30	n.a.	.6	(D)	(D)	n.a.
	Administrative and auxiliary	73	4,338	173	n.a.	3,891	283,473	10,613	n.a.	1.9	1.5	1.6	n.a.
	Wholesale trade	12,789	343,348	10,907	380,137	469,539	5,609,024	133,359	2,524,727	2.7	6.1	8.2	15.1
50	Wholesale trade-durable goods	7,342	193,417	6,169	223,125	297,292	3,331,780	82,770	1,278,771	2.5	5.8	7.5	17.4
501	Motor vehicles, parts, and supplies	839	30,233	881	79,851	45,848	482,501	9,872	326,625	1.8	6.3	8.9	24.4
5012	Automobiles and other motor vehicles	227	15,098	481	69,954	7,125	124,448	2,910	246,933	3.2	12.1	16.5	28.3
5013	Motor vehicle supplies and new parts	457	J	(D)	(D)	28,902	279,562	5,478	62,456	1.6	(D)	(D)	(D)
5014	Tires and tubes	155	H	(D)	(D)	3,746	(D)	(D)	4.1	(D)	(D)	(D)	(D)
5015	Motor vehicle parts, used	0	0	0	0	6,075	(D)	(D)	0	0	0	0	0
502	Furniture and home furnishings	112	3,851	98	1,322	14,521	153,045	3,652	48,123	.8	2.5	2.7	2.7
5021	Furniture	29	1,093	25	240	6,819	68,995	1,704	18,630	.4	1.6	1.5	1.3
5023	Home furnishings	83	2,758	73	1,082	7,702	84,150	1,948	29,493	1.1	3.3	3.7	3.7
503	Lumber and construction materials	490	6,040	167	4,911	19,075	231,148	5,476	79,946	2.6	2.6	3.0	6.1
5031	Lumber, plywood, and millwork	104	2,629	65	1,849	8,098	119,796	2,812	45,877	1.3	2.2	2.3	4.0
5032	Brick, stone, and related materials	233	1,897	61	2,114	3,880	33,252	800	9,094	6.0	5.7	7.6	23.2
5033	Roofing, siding, and insulation	47	468	14	533	2,684	30,208	767	12,901	1.8	1.5	1.9	4.1
5039	Construction materials, nec	106	1,046	27	416	4,413	47,892	1,096	12,073	2.4	2.2	2.5	3.4
504	Professional and commercial equipment	1,234	48,574	1,557	17,426	44,248	698,316	19,728	175,149	2.8	7.0	7.9	9.9
5043	Photographic equipment and supplies	123	5,213	187	3,238	1,556	28,123	846	17,066	7.9	18.5	22.1	19.0
5044	Office equipment	317	15,481	460	4,949	11,524	188,982	4,766	27,762	2.8	8.2	9.7	17.8
5045	Computers, peripherals and software	409	12,249	408	5,306	12,821	266,018	8,890	84,515	3.2	4.6	4.6	6.3
5046	Commercial equipment, nec	64	1,433	39	280	5,587	53,157	1,215	9,655	1.1	2.7	3.2	2.9
5047	Medical and hospital equipment	217	10,099	347	2,507	7,747	96,848	2,599	25,243	2.8	10.4	13.4	9.9
5048	Ophthalmic goods	30	1,893	47	484	1,899	30,134	592	4,026	1.6	6.3	7.9	12.0
5049	Professional equipment, nec	74	2,206	69	662	3,114	35,054	821	6,881	2.4	6.3	8.5	9.6
505	Metals and minerals, except petroleum	564	10,171	378	27,329	11,093	142,775	4,038	114,528	5.1	7.1	9.4	23.9
5051	Metals service centers and offices	533	9,730	358	24,083	10,281	137,009	3,854	101,143	5.2	7.1	9.3	23.8
5052	Coal and other minerals and ores	31	441	19	3,246	812	5,766	184	13,384	3.8	7.6	10.6	24.3
506	Electrical goods	1,357	41,008	1,450	33,369	33,509	421,376	11,526	173,174	4.1	9.7	12.6	19.3
5063	Electrical apparatus and equipment	406	7,232	238	3,150	15,045	167,809	4,299	59,389	2.7	4.3	5.5	5.3
5064	Electrical appliances, televisions and radios	158	12,572	441	16,951	3,740	62,722	1,663	42,707	4.2	20.0	26.5	39.7
5065	Electronic parts and equipment	793	21,204	771	13,268	14,724	190,845	5,564	71,078	5.4	11.1	13.9	18.7
507	Hardware, plumbing and heating equipment	403	6,743	177	2,344	23,097	234,664	5,610	57,126	1.7	2.9	3.2	4.1
5072	Hardware	153	3,068	82	997	7,552	90,160	2,111	20,054	2.0	3.4	3.9	5.0
5074	Plumbing and hydronic heating supplies	225	2,973	72	1,107	8,931	89,872	2,086	23,246	2.5	3.3	3.5	4.8
5075	Warm air heating and air conditioning	19	416	14	145	5,101	42,414	1,110	11,143	.4	1.0	1.3	1.3
5078	Refrigeration equipment and supplies	6	286	9	94	1,513	12,218	303	2,684	.4	2.3	2.9	3.5
508	Machinery, equipment, and supplies	2,016	36,116	1,100	15,705	73,564	702,079	17,308	185,446	2.7	5.1	6.4	8.5
5082	Construction and mining machinery	186	4,259	123	1,658	4,983	79,720	2,209	23,971	3.7	5.3	5.5	6.9
5083	Farm and garden machinery	90	1,578	41	511	11,782	103,468	1,959	24,172	.8	1.5	2.1	2.1
5084	Industrial machinery and equipment	1,090	19,760	677	8,889	30,304	268,361	7,255	71,446	3.6	7.4	9.3	12.4
5085	Industrial supplies	545	7,626	167	2,978	14,780	144,872	3,562	41,754	3.7	5.3	4.7	7.1
5087	Service establishment equipment	22	513	16	103	8,467	69,217	1,330	9,442	.3	.7	1.2	1.1
5088	Transportation equipment and supplies	83	2,380	77	1,567	3,248	36,441	993	14,660	2.6	6.5	7.8	10.7
509	Miscellaneous durable goods	327	10,681	361	40,869	32,337	265,876	5,558	118,654	1.0	4.0	6.5	34.4
5091	Sporting and recreational goods	64	1,766	47	1,161	4,922	45,625	957	15,359	1.3	3.9	5.0	7.6
5092	Toys and hobby goods and supplies	15	492	18	756	2,424	23,455	508	8,540	1.6	2.1	3.5	8.9
5093	Scrap and waste materials	76	1,474	31	910	8,716	85,762	1,624	18,904	.9	1.7	1.9	4.8
5094	Jewelry and precious stones	62	2,504	90	18,843	6,927	47,062	1,093	38,582	.9	5.3	8.2	48.8
5099	Durable goods, nec	110	4,445	175	19,198	9,348	63,972	1,376	37,269	1.2	6.9	12.7	51.5
51	Wholesale trade-non durable goods	4,667	111,095	3,350	157,012	172,247	2,277,244	50,589	1,245,956	2.7	4.9	6.6	12.6
511	Paper and paper products	626	8,584	276	6,155	16,808	227,676	5,202	83,173	3.7	3.8	5.3	7.4
5111	Printing and writing paper	69	G	(D)	(D)	2,074	35,900	1,100	28,531	3.3	(D)	(D)	(D)
5112	Stationery and office supplies	482	H	(D)	(D)	9,778	124,634	2,304	20,614	4.9	(D)	(D)	(D)

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
5143	Dairy products, except dried or canned	86	2,251	59	1,414	3,743	48,038	1,097	26,927	2.3	4.7	5.4	5.3
5144	Poultry and poultry products	7	353	7	140	1,372	23,850	405	8,554	.5	1.5	1.7	1.6
5145	Confectionery	63	1,615	40	1,071	2,818	39,271	829	13,952	2.2	4.1	4.9	7.7
5146	Fish and seafoods	16	193	6	590	2,745	27,233	473	9,387	.6	.7	1.4	6.3
5147	Meats and meat products	26	1,153	30	1,309	4,779	78,973	1,642	47,387	.5	1.5	1.9	2.8
5148	Fresh fruits and vegetables	49	2,262	51	831	5,838	98,870	1,811	30,450	.8	2.3	2.8	2.7
5149	Groceries and related products, nec	511	15,701	413	13,013	13,577	232,888	5,488	117,811	3.8	6.7	7.5	11.0
515	Farm-product raw materials	222	4,312	135	18,530	12,577	116,726	1,847	117,606	1.8	3.7	7.3	15.8
5153	Grain and field beans	181	3,237	104	15,979	8,155	63,272	1,273	73,512	2.2	5.1	8.2	21.7
5154	Livestock	1	A	(D)	(D)	2,592	34,510	238	26,726	.1	(D)	(D)	(D)
5159	Farm-product raw materials, nec	40	G	(D)	(D)	1,830	18,944	336	17,369	2.2	(D)	(D)	(D)
516	Chemicals and allied products	843	15,235	503	20,152	12,705	131,442	3,847	94,620	6.6	11.6	13.1	21.3
5162	Plastics materials and basic shapes	105	2,629	86	2,589	2,744	28,453	788	20,307	3.8	9.2	10.9	12.7
5169	Chemicals and allied products, nec	738	12,606	417	17,563	9,961	102,989	3,058	74,312	7.4	12.2	13.6	23.6
517	Petroleum and petroleum products	463	6,723	247	41,803	16,726	175,188	3,658	234,874	2.8	3.8	6.8	17.8
5171	Petroleum bulk stations and terminals	361	3,952	128	20,382	12,353	135,923	2,689	139,655	2.9	2.9	4.8	14.6
5172	Petroleum products, nec	102	2,771	119	21,421	4,373	39,265	968	95,219	2.3	7.1	12.2	22.5
518	Beer, wine, and distilled beverages	150	4,406	173	5,729	5,835	145,810	3,849	49,433	2.6	3.0	4.5	11.6
5181	Beer and ale	11	383	14	221	3,934	90,091	2,315	24,288	.3	.4	.6	.9
5182	Wine and distilled beverages	139	4,023	159	5,509	1,901	55,719	1,535	25,145	7.3	7.2	10.4	21.9
519	Miscellaneous nondurable goods	1,070	18,790	499	29,735	43,674	403,996	7,828	139,550	2.5	4.7	6.4	21.3
5191	Farm supplies	464	7,033	179	4,139	18,321	131,146	2,371	40,774	2.5	5.4	7.5	10.2
5192	Books, periodicals, and newspapers	53	1,611	54	455	3,935	64,837	1,368	14,696	1.3	2.5	4.0	3.1
5193	Flowers and florists' supplies	4	E	(D)	(D)	3,573	39,042	661	4,986	.1	(D)	(D)	(D)
5194	Tobacco and tobacco products	45	G	(D)	(D)	1,813	42,672	785	25,465	2.5	(D)	(D)	(D)
5198	Paints, varnishes, and supplies	412	3,476	90	1,157	3,657	30,780	660	6,702	11.3	11.3	13.6	17.3
5199	Nondurable goods, nec	91	3,829	129	22,141	12,375	95,519	1,983	46,928	.7	4.0	6.5	47.2
	Administrative and auxiliary	780	38,836	1,388	n.a.	5,734	300,526	10,565	n.a.	13.6	12.9	13.1	n.a.
	Retail trade	24,403	628,793	7,096	54,022	1,503,593	17,779,942	177,548	1,493,309	1.6	3.5	4.0	3.6
52	Building materials and garden supplies	292	9,142	116	1,055	73,805	668,448	9,760	81,487	.4	1.4	1.2	1.3
521	Lumber and other building materials	228	8,286	102	968	27,497	379,984	6,157	55,284	.8	2.2	1.7	1.8
523	Paint, glass, and wallpaper stores	46	476	9	54	10,504	51,748	772	5,241	.4	.9	1.2	1.0
525	Hardware stores	11	E	(D)	(D)	20,059	137,860	1,564	10,535	.1	(D)	(D)	(D)
526	Retail nurseries and garden stores	6	C	(D)	(D)	10,692	71,370	822	5,411	.1	(D)	(D)	(D)
527	Mobile home dealers	1	A	(D)	(D)	5,053	27,486	445	5,015	.1	(D)	(D)	(D)
53	General merchandise stores	822	104,737	1,067	8,903	35,434	2,003,181	19,586	181,147	2.3	5.2	5.4	4.9
531	Department stores	533	98,723	1,015	7,876	10,041	1,651,465	16,365	144,017	5.3	6.0	6.2	5.5
533	Variety stores	246	H	(D)	(D)	10,424	120,684	926	6,762	2.4	(D)	(D)	(D)
539	Miscellaneous general merchandise stores	43	H	(D)	(D)	14,969	231,032	2,294	30,368	.3	(D)	(D)	(D)
54	Food stores	4,143	200,816	2,248	23,941	190,706	2,854,673	29,819	301,847	2.2	7.0	7.5	7.9
542	Grocery stores	3,530	196,894	2,217	23,777	137,584	2,502,468	27,084	285,481	2.6	7.9	8.2	8.3
542	Meat and fish markets	7	66	1	6	11,364	59,044	606	5,616	.1	.1	.2	.1
543	Fruit and vegetable markets	0	0	0	0	3,271	20,013	186	1,802	0	0	0	0
544	Candy, nut, and confectionery stores	359	G	(D)	(D)	6,124	30,767	199	1,182	5.9	(D)	(D)	(D)
545	Dairy products stores	1	A	(D)	(D)	3,302	17,377	106	880	.1	(D)	(D)	(D)
546	Retail bakeries	226	1,705	12	58	21,790	185,396	1,353	4,871	1.0	.9	.9	1.2
549	Miscellaneous food stores	20	E	(D)	(D)	7,271	39,608	285	2,014	.3	(D)	(D)	(D)
55 ex. 554	Automotive dealers	428	5,061	89	1,002	102,704	1,373,238	28,688	333,420	.4	.4	.3	.3
551	New and used car dealers	37	1,817	47	703	28,320	939,929	22,205	280,529	.1	.2	.2	.3
552	Used car dealers	2	A	(D)	(D)	14,948	55,494	809	10,849	.1	(D)	(D)	(D)
553	Auto and home supply stores	386	3,217	42	294	46,207	286,155	4,152	25,460	.8	1.1	1.0	1.2
555	Boat dealers	2	A	(D)	(D)	5,174	34,875	620	6,824	.1	(D)	(D)	(D)
556	Recreational vehicle dealers	0	0	0	0	3,006	24,621	437	5,538	0	0	0	0
557	Motorcycle dealers	0	0	0	0	4,197	27,070	382	3,475	0	0	0	0
559	Automotive dealers, nec	1	A	(D)	(D)	852	5,094	83	744	.1	(D)	(D)	(D)
554	Gasoline service stations	3,295	30,937	225	5,089	114,748	701,690	6,414	101,997	2.9	4.4	3.5	5.0
56	Apparel and accessory stores	6,919	73,893	661	5,216	149,435	1,121,011	9,725	77,391	4.6	6.6	6.8	6.7
561	Men's and boys' clothing stores	110	3,542	54	375	16,507	115,169	1,361	8,869	.7	3.1	4.0	4.2
562	Women's clothing stores	2,855	38,136	316	2,448	52,304	418,972	3,150	25,868	5.5	9.1	10.0	9.5
563	Women's accessory and specialty stores	44	F	(D)	(D)	7,490	35,640	368	2,663	.6	(D)	(D)	(D)
564	Children's and infants' wear stores	15	B	(D)	(D)	6,146	37,284	245	2,101	.2	(D)	(D)	(D)
565	Family clothing stores	537	15,073	123	1,238	18,443	267,719	2,362	21,117	2.9	5.6	5.2	5.9
566	Shoe stores	3,330	16,068	154	1,054	39,488	205,237	1,880	14,411	8.4	7.8	8.2	7.3
569	Miscellaneous apparel and accessory stores	28	453	7	40	9,057	40,990	358	2,362	.3	1.1	2.1	1.7
57	Furniture and home furnishings stores	237	5,324	81	627	109,653	702,583	9,904	74,783	.2	.8	.8	.8
5712	Furniture stores	88	2,973	52	378	32,763	246,772	3,828	25,997	.3	1.2	1.4	1.5
5713	Floor covering stores	1	A	(D)	(D)	13,752	75,373	1,325	9,226	.1	(D)	(D)	(D)
5714	Drapery and upholstery stores	0	0	0	0	3,856	17,182	192	1,027	0	0	0	0
5719	Miscellaneous home furnishings stores	52	1,618	19	162	14,378	83,261	873	6,121	.4	1.9	2.2	2.6
572	Household appliance stores	20	C	(D)	(D)	11,192	65,419	953	8,332	.2	(D)	(D)	(D)
573	Radio, television, and computer stores	76	F	(D)	(D)	33,712	214,576	2,734	24,080	.2	(D)	(D)	(D)
5731	Radio, television, and electronic stores	55	E	(D)	(D)	18,892	122,525	1,686	15,178	.3	(D)	(D)	(D)
5734	Computer and software stores	19	C	(D)	(D)	3,858	21,895	325	2,651	.5	(D)	(D)	(D)
5735	Record and prerecorded tape stores	0	0	0	0	6,272	44,408	372	3,930	0	0	0	0
5736	Musical instrument stores	2	A	(D)	(D)	4,690	25,748	352	2,321	.1	(D)	(D)	(D)
58	Eating and drinking places	2,170	66,818	455	1,703	391,303	6,099,720	38,582	148,776	.6	1.1	1.2	1.1
5812	Eating places	2,160	66,559	453	1,692	332,611	5,786,889	36,633	139,282	.6	1.2	1.2	1.2
5813	Drinking places	10	259	2	11	58,692	312,831	1,950	9,495	.1	.1	.1	.1
591	Drug stores and proprietary stores	853	J	(D)	(D)	52,181	573,692	6,476	53,824	1.6	(D)	(D)	(D)
59 ex. 591	Miscellaneous retail stores	4,769	59,877	608	5,034	283,624	1,681,706	18,594	138,636	1.7	3.6	3.3 </	

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
5948	Luggage and leather goods stores	26	F	(D)	(D)	2,009	11,033	122	839	1.3	(D)	(D)	(D)
5949	Sewing, needlework, and piece goods	5	B	(D)	(D)	9,632	64,502	406	2,836	.1	(D)	(D)	(D)
596	Nonstore retailers	76	7,874	172	1,296	23,064	317,972	4,523	33,894	.3	2.5	3.8	3.8
5961	Catalog and mail-order houses	24	I	(D)	(D)	7,227	123,195	1,932	20,347	.3	(D)	(D)	(D)
5962	Merchandising machine operators	5	C	(D)	(D)	5,302	73,652	1,090	5,692	.1	(D)	(D)	(D)
5963	Direct selling establishments	47	2,263	47	183	10,535	121,125	1,501	7,855	.4	1.9	3.1	2.3
598	Fuel dealers	23	C	(D)	(D)	12,743	98,842	1,824	14,198	.2	(D)	(D)	(D)
5983	Fuel oil dealers	2	A	(D)	(D)	5,816	54,035	1,059	9,294	.1	(D)	(D)	(D)
5984	Liquefied petroleum gas dealers	21	C	(D)	(D)	6,378	43,045	746	4,769	.3	(D)	(D)	(D)
5989	Fuel dealers, nec	0	0	0	0	549	1,762	19	135	0	0	0	0
5992	Florists	5	A	(D)	(D)	26,683	125,048	1,019	4,810	.1	(D)	(D)	(D)
5993	Tobacco stores and stands	1	A	(D)	(D)	1,948	6,736	57	518	.1	(D)	(D)	(D)
5994	News dealers and newsstands	0	0	0	0	2,198	10,149	90	703	0	0	0	0
5995	Optical goods stores	501	G	(D)	(D)	13,580	54,312	811	3,415	3.7	(D)	(D)	(D)
5999	Miscellaneous retail stores, nec	83	1,092	18	76	30,493	137,214	1,672	9,539	.3	.8	1.1	.8
	Administrative and auxiliary	475	L	(D)	n.a.	13,650	793,273	19,000	n.a.	3.5	(D)	(D)	n.a.
	Finance, insurance, and real estate³	8,316	310,852	12,120	n.a.	535,745	6,727,313	170,375	n.a.	1.6	4.6	7.1	n.a.
60	Banking	3,364	107,525	2,938	n.a.	55,856	1,650,646	35,022	n.a.	6.0	6.5	8.4	n.a.
602	Commercial and stock savings banks	3,154	95,901	2,446	n.a.	50,105	1,495,695	31,344	n.a.	6.3	6.4	7.8	n.a.
604	Trust companies, nondeposit	0	0	0	n.a.	102	3,718	93	n.a.	0	0	0	n.a.
605	Functions closely related to banking	189	11,038	472	n.a.	2,721	47,178	1,429	n.a.	6.9	23.4	33.1	n.a.
61	Credit agencies other than banks	743	16,087	461	n.a.	64,306	892,177	21,133	n.a.	1.2	1.8	2.2	n.a.
611	Rediscount and financing institutions	1	B	(D)	n.a.	75	3,390	98	n.a.	1.3	(D)	(D)	n.a.
6112	Rediscounting, not for agricultural	1	B	(D)	n.a.	73	3,383	98	n.a.	1.4	(D)	(D)	n.a.
612	Savings and loan associations	181	3,170	80	n.a.	18,148	360,702	7,511	n.a.	1.0	.9	1.1	n.a.
613	Agricultural credit institutions	1	A	(D)	n.a.	1,009	16,044	387	n.a.	.1	(D)	(D)	n.a.
614	Personal credit institutions	279	3,199	90	n.a.	29,948	254,938	5,119	n.a.	.9	1.3	1.8	n.a.
615	Business credit institutions	139	6,293	193	n.a.	3,460	84,445	3,002	n.a.	4.0	7.5	6.4	n.a.
616	Mortgage bankers and brokers	142	H	(D)	n.a.	11,479	171,854	5,000	n.a.	1.2	(D)	(D)	n.a.
62	Security, commodity brokers and services	996	57,841	5,100	n.a.	22,439	433,317	25,333	n.a.	4.4	13.3	20.1	n.a.
621	Security brokers and dealers	895	52,071	4,697	n.a.	13,697	351,084	21,515	n.a.	6.5	14.8	21.8	n.a.
622	Commodity contracts brokers and dealers	17	F	(D)	n.a.	1,419	14,201	564	n.a.	1.2	(D)	(D)	n.a.
623	Security and commodity exchanges	6	C	(D)	n.a.	140	7,294	288	n.a.	4.3	(D)	(D)	n.a.
628	Security and commodity services	77	4,886	352	n.a.	6,828	59,512	2,914	n.a.	1.1	8.2	12.1	n.a.
63	Insurance carriers	1,230	50,481	1,262	n.a.	41,102	1,340,622	35,048	n.a.	3.0	3.8	3.6	n.a.
631	Life insurance	805	23,802	569	n.a.	14,491	564,281	15,043	n.a.	5.6	4.2	3.8	n.a.
632	Medical service and health insurance	9	273	8	n.a.	2,135	167,151	4,000	n.a.	.4	2.2	.2	n.a.
6321	Accident and health insurance	8	C	(D)	n.a.	1,198	43,280	1,054	n.a.	.7	(D)	(D)	n.a.
6324	Hospital and medical service plans	1	B	(D)	n.a.	930	122,504	2,909	n.a.	.1	(D)	(D)	n.a.
633	Fire, marine, and casualty insurance	347	24,460	631	n.a.	13,159	494,286	13,322	n.a.	2.6	4.9	4.7	n.a.
635	Surety insurance	46	G	(D)	n.a.	518	9,905	295	n.a.	8.9	(D)	(D)	n.a.
636	Title insurance	9	B	(D)	n.a.	3,129	60,313	1,444	n.a.	.3	(D)	(D)	n.a.
637	Pension, health, and welfare funds	3	C	(D)	n.a.	6,707	30,601	580	n.a.	.1	(D)	(D)	n.a.
639	Insurance carriers, nec	8	173	5	n.a.	286	6,682	169	n.a.	2.8	2.6	3.2	n.a.
64	Insurance agents, brokers, and service	606	26,091	780	n.a.	106,904	656,743	16,089	n.a.	.6	4.0	4.8	n.a.
65	Real estate	850	21,661	585	n.a.	214,997	1,298,096	24,277	n.a.	.4	1.7	2.4	n.a.
651	Real estate operators and lessors	432	10,651	241	n.a.	96,953	484,892	7,312	n.a.	.4	2.2	3.3	n.a.
653	Real estate agents and managers	264	8,157	256	n.a.	84,907	601,547	12,605	n.a.	.3	1.4	2.0	n.a.
654	Title abstract offices	3	C	(D)	n.a.	3,232	26,901	551	n.a.	.1	(D)	(D)	n.a.
655	Subdividers and developers	122	H	(D)	n.a.	19,957	144,443	3,120	n.a.	.6	(D)	(D)	n.a.
66	Combined real estate, insurance, etc	1	A	(D)	n.a.	4,275	23,474	494	n.a.	.1	(D)	(D)	n.a.
67	Holding and other investment offices	431	12,440	540	n.a.	23,706	239,664	7,890	n.a.	1.8	5.2	6.8	n.a.
671	Holding offices	304	9,620	423	n.a.	5,534	115,203	4,478	n.a.	5.5	8.4	9.5	n.a.
672	Investment offices	12	C	(D)	n.a.	1,179	12,587	632	n.a.	1.0	(D)	(D)	n.a.
673	Trusts	11	F	(D)	n.a.	9,696	61,248	1,229	n.a.	.1	(D)	(D)	n.a.
6732	Educational, religious, etc., trusts	3	B	(D)	n.a.	3,389	28,678	562	n.a.	.1	(D)	(D)	n.a.
6733	Trusts, nec	8	F	(D)	n.a.	6,285	32,491	666	n.a.	.1	(D)	(D)	n.a.
679	Miscellaneous investing	102	2,026	85	n.a.	7,128	50,229	1,537	n.a.	1.4	4.0	5.5	n.a.
6794	Patent owners and lessors	15	171	8	n.a.	833	13,434	347	n.a.	1.8	1.3	2.4	n.a.
6798	Real estate investment trusts	21	167	11	n.a.	833	6,681	226	n.a.	2.5	2.5	5.0	n.a.
6799	Investors, nec	51	1,481	56	n.a.	4,598	25,836	823	n.a.	1.1	5.7	6.8	n.a.
	Administrative and auxiliary	95	J	(D)	n.a.	2,160	192,574	5,088	n.a.	4.4	(D)	(D)	n.a.
	Services	9,058	390,674	6,611	16,302	1,626,017	16,054,738	289,807	772,194	.6	2.4	2.3	2.1
70 ex.	Hotels and other lodging places, except membership lodging	421	46,987	643	2,115	46,793	1,410,792	14,452	51,865	.9	3.3	4.4	4.1
7011	Hotels and motels	418	46,735	641	2,110	40,424	1,380,244	14,135	50,372	1.0	3.4	4.5	4.2
702,3	Other lodging places	3	252	1	5	6,369	30,548	318	1,493	.1	.8	.4	.3
702	Rooming and boarding houses	0	0	0	0	1,781	8,376	63	246	0	0	0	0
703	Camps and recreational vehicle parks	3	252	1	5	4,588	22,172	255	1,246	.1	1.1	.5	.4
7032	Sporting and recreational camps	2	C	(D)	(D)	1,729	9,331	110	472	.1	(D)	(D)	(D)
7033	Trailer parks and campsites	1	A	(D)	(D)	2,859	12,841	145	774	.1	(D)	(D)	(D)
72	Personal services	905	14,674	131	298	185,443	1,104,961	10,853	31,491	.5	1.3	1.2	.9
721	Laundry, cleaning, and garment services	248	4,730	66	182	50,913	408,345	4,388	12,860	.5	1.2	1.5	1.4
7211	Power laundries, family and commercial	4	B	(D)	(D)	2,114	33,180	343	821	.2	(D)	(D)	(D)
7213	Linen supply	1	A	(D)	(D)	1,338	53,385	765	2,114	.1	(D)	(D)	(D)
7215	Coin-operated laundries and cleaning	1	A	(D)	(D)	12,725	45,416	345	1,667	.1	(D)	(D)	(D)
7216	Drycleaning plants, except rug	172	G	(D)	(D)	21,257	163,369	1,486	3,998	.8	(D)	(D)	(D)
7217	Carpet and upholstery cleaning	19	G	(D)	(D)	5,816	31,772	312	919	.3	(D)	(D)	(D)
7218	Industrial launderers	35	G	(D)	(D)	1,379	58,962	933	2,700	2.5	(D)	(D)	(D)
7219	Garment pressing, laundry services, nec	16	B	(D)	(D)	6,284	22,261	204	641	.3	(D)	(D)	(D)
7212	Garment pressing and cleaners' agents	15	B	(D)	(D)	3,696	10,166	80	312	.4	(D)	(D)	(D)
7219	Laundry and garment services, nec	1	A	(D)	(D)	2,588	12,095	124	330	.1	(D)	(D)	(D)
722	Photographic studios, portrait	0	0	0	0	9,485	50,137	514	2,045	0	0	0	0
723,4	Beauty and barber shops	652	I	(D)	(D)	86,465	390,748	3,538	7,869	.8	(D)	(D)	(D)
724	Beauty shops	652	I	(D)	(D)	80,274	373,012	3,358	7,461	.8	(D)	(D)	(D)
724	Barber shops												

Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
73	Business services	2,746	200,340	2,892	6,529	251,900	4,414,436	66,456	166,322	1.1	4.5	4.4	3.9
731	Advertising	143	10,540	401	912	17,199	181,594	5,537	14,278	.8	5.8	7.3	6.4
7311	Advertising agencies	110	8,888	352	793	12,335	133,957	4,399	10,213	.9	6.6	8.0	7.8
7312	Outdoor advertising services	2	A	(D)	(D)	1,179	13,278	318	1,484	.2	(D)	(D)	(D)
7313	Radio, television, publisher representatives	30	G	(D)	(D)	1,816	17,921	473	1,295	1.7	(D)	(D)	(D)
7319	Advertising, nec	1	A	(D)	(D)	1,869	16,438	347	1,286	.1	(D)	(D)	(D)
732	Credit reporting and collection	69	G	(D)	(D)	7,077	82,830	1,415	4,124	1.0	(D)	(D)	(D)
7322	Adjustment and collection services	68	G	(D)	(D)	5,204	52,644	889	2,146	1.3	(D)	(D)	(D)
7323	Credit reporting services	1	A	(D)	(D)	1,873	30,186	525	1,979	.1	(D)	(D)	(D)
733	Mailing, reproduction, stenographic	22	864	21	50	27,232	210,629	3,945	12,407	.1	.4	.5	.4
7331	Direct mail advertising services	4	E	(D)	(D)	3,512	79,931	1,325	4,098	.1	(D)	(D)	(D)
7334	Photocopying and duplicating services	2	B	(D)	(D)	4,474	37,785	607	1,978	.1	(D)	(D)	(D)
7338	Secretarial and court reporting	1	A	(D)	(D)	5,420	22,879	351	1,087	.1	(D)	(D)	(D)
7335,6	Commercial photography, art and graphics	15	356	12	26	13,826	70,034	1,662	5,244	.1	.5	.7	.5
7335	Commercial photography	0	0	0	0	3,736	17,608	370	1,185	0	0	0	0
7336	Commercial art and graphic design	15	356	12	26	10,090	52,426	1,293	4,059	.1	.7	.9	.6
734	Services to buildings	328	49,214	358	533	47,585	745,962	6,555	13,185	.7	6.6	5.5	4.0
7342	Disinfecting and pest control services	6	C	(D)	(D)	9,399	64,793	1,073	2,673	.1	(D)	(D)	(D)
7349	Building maintenance services, nec	322	K	(D)	(D)	38,186	681,169	5,483	10,513	.8	(D)	(D)	(D)
735	Miscellaneous equipment rental and leasing	508	I	(D)	(D)	24,859	185,268	3,579	14,719	2.0	(D)	(D)	(D)
7352	Medical equipment rental	179	G	(D)	(D)	2,317	18,377	349	1,499	7.7	(D)	(D)	(D)
7353	Heavy construction equipment rental	16	C	(D)	(D)	4,620	38,019	910	3,335	.3	(D)	(D)	(D)
7359	Equipment rental and leasing, nec	313	H	(D)	(D)	17,922	128,872	2,320	9,884	1.7	(D)	(D)	(D)
736	Personnel supply services	388	60,661	358	511	24,160	1,397,082	13,590	19,924	1.6	4.3	2.6	2.6
7361	Employment agencies	45	G	(D)	(D)	11,832	134,351	2,024	3,873	.4	(D)	(D)	(D)
7363	Help supply services	343	L	(D)	(D)	12,328	1,262,731	11,566	16,051	2.8	(D)	(D)	(D)
737	Computer and data processing services	447	22,189	840	2,136	39,701	637,409	19,142	54,099	1.1	3.5	4.4	3.9
7371,2,3	Computer programming, prepackaged software, and systems design	270	13,481	562	1,300	21,594	306,211	10,539	27,154	1.3	4.4	5.3	4.8
7371	Computer programming services	147	5,836	259	556	14,687	184,222	6,287	14,170	1.0	3.2	4.1	3.9
7372	Prepackaged software	91	5,329	222	487	3,392	55,701	2,052	5,894	2.7	9.6	10.8	8.3
7373	Computer integrated systems design	32	2,316	81	258	3,515	66,288	2,200	7,090	.9	3.5	3.7	3.6
7374,5,6	Data processing services	83	5,152	153	454	8,533	234,356	5,440	16,443	1.0	2.2	2.8	2.8
7374,5	Computer processing, information retrieval	62	4,993	149	440	7,795	215,828	4,935	15,244	.8	2.3	3.0	2.9
7374	Data processing and preparation	59	H	(D)	(D)	7,332	202,707	4,580	14,068	.8	(D)	(D)	(D)
7375	Information retrieval services	3	C	(D)	(D)	463	13,121	355	1,176	.6	(D)	(D)	(D)
7376	Computer facilities management	21	159	3	14	738	18,528	505	1,198	2.8	.9	.7	1.2
7377,8,9	Computer rental, maintenance, and related services, nec	94	3,556	126	382	9,574	96,842	3,163	10,502	1.0	3.7	4.0	3.6
7377	Computer rental and leasing	11	1,060	29	141	1,061	8,671	320	2,166	1.0	12.2	9.0	6.5
7378	Computer maintenance and repair	73	1,611	57	169	3,693	53,280	1,717	5,749	2.0	3.0	3.3	2.9
7379	Computer related services, nec	10	885	40	72	4,820	34,891	1,127	2,588	.2	2.5	3.6	2.8
738	Miscellaneous business services	841	49,601	758	1,604	64,087	973,662	12,693	33,584	1.3	5.0	6.0	4.8
7381,2	Detective agencies and protective services	421	32,644	476	1,013	12,697	475,764	5,040	8,851	3.3	6.9	9.4	11.4
7381	Detective and armored car services	212	J	(D)	(D)	10,246	434,550	4,260	6,633	2.1	(D)	(D)	(D)
7382	Security systems services	209	I	(D)	(D)	2,451	41,214	781	2,218	8.5	(D)	(D)	(D)
7383	News syndicates	154	G	(D)	(D)	609	7,815	218	783	25.3	(D)	(D)	(D)
7384	Photofinishing laboratories	80	I	(D)	(D)	6,843	82,474	1,116	4,002	1.2	(D)	(D)	(D)
7389	Business services, nec	186	5,584	129	328	43,938	407,609	6,319	19,947	.4	1.4	2.0	1.6
75	Auto repair, services, and parking	1,927	5,473	74	492	151,218	785,290	11,690	51,423	1.3	.7	.6	1.0
751	Automotive rentals, without drivers	32	1,215	26	247	11,353	134,584	2,366	16,441	.3	.9	1.1	1.5
7513	Truck rental and leasing, without drivers	12	232	5	43	4,617	52,321	1,076	6,359	.3	4	4	4.7
7514,5	Passenger car rental and leasing, without drivers	20	983	21	204	6,185	79,123	1,240	9,836	.3	1.2	1.7	2.1
7514	Passenger car rental	6	F	(D)	(D)	4,647	68,918	1,019	6,908	.1	(D)	(D)	(D)
7515	Passenger car leasing	14	E	(D)	(D)	1,538	10,205	221	2,928	.9	(D)	(D)	(D)
7519	Utility trailer rental	0	0	0	0	551	3,140	50	246	0	0	0	0
752	Automobile parking	1,762	H	(D)	(D)	9,299	45,692	491	2,639	18.9	(D)	(D)	(D)
753	Automotive repair shops	109	1,061	21	62	114,601	485,566	7,727	28,664	.1	.2	.3	.2
7532	Top and body repair and paint shops	2	A	(D)	(D)	32,951	162,814	2,698	9,312	.1	(D)	(D)	(D)
7538	General automotive repair shops	66	594	13	38	55,348	202,564	3,062	11,872	.1	.3	.4	.3
7533,4,6,7,9	Other automotive repair shops	41	E	(D)	(D)	26,302	120,188	1,966	7,479	.2	(D)	(D)	(D)
7533	Auto exhaust system repair shops	1	A	(D)	(D)	4,910	21,706	372	1,467	.1	(D)	(D)	(D)
7534	Tire retreading and repair shops	1	A	(D)	(D)	1,930	13,808	223	1,104	.1	(D)	(D)	(D)
7536	Automotive glass replacement shops	37	E	(D)	(D)	3,534	18,107	316	1,278	1.0	(D)	(D)	(D)
7537	Automotive transmission repair shops	0	0	0	0	6,335	26,265	417	1,394	0	0	0	0
7539	Automotive repair shops, nec	2	B	(D)	(D)	9,593	40,302	638	2,237	.1	(D)	(D)	(D)
754	Automotive services, except repair	24	E	(D)	(D)	15,965	119,448	1,106	3,679	.2	(D)	(D)	(D)
7542	Carwashes	9	E	(D)	(D)	9,132	76,566	548	1,802	.1	(D)	(D)	(D)
7549	Automotive services, nec	15	B	(D)	(D)	6,833	42,882	548	1,877	.2	(D)	(D)	(D)
76	Miscellaneous repair services	329	7,396	208	582	65,532	345,836	6,416	20,838	.5	2.1	3.2	2.8
762	Electrical repair shops	144	G	(D)	(D)	18,732	107,378	2,107	6,597	.8	(D)	(D)	(D)
7622	Radio and television repair	41	F	(D)	(D)	6,523	32,091	530	1,623	.6	(D)	(D)	(D)
7623,9	Other electrical repair shops	103	G	(D)	(D)	12,209	75,287	1,576	4,974	.8	(D)	(D)	(D)
7623	Refrigeration service and repair	0	0	0	0	3,565	20,512	464	1,521	0	0	0	0
7629	Electrical repair shops, nec	103	G	(D)	(D)	8,644	54,775	1,112	3,453	1.2	(D)	(D)	(D)
763	Watch, clock, and jewelry repair	11	E	(D)	(D)	1,661	5,259	69	231	.7	(D)	(D)	(D)
764	Reupholstery and furniture repair	0	0	0	0	7,146	23,836	289	882	0	0	0	0
769	Miscellaneous repair shops	174	5,040	144	414	37,993	209,363	3,951	13,128	.5	2.4	3.6	3.2
7692	Welding repair	2	C	(D)	(D)	5,985	24,778	391	1,238	.1	(D)	(D)	(D)
7694	Armature rewinding shops	12	E	(D)	(D)	2,830	27,255	596	1,944	.4	(D)	(D)	(D)
7699	Repair services, nec	160	H	(D)	(D)	29,178	157,330	2,965	9,946	.5	(D)	(D)	(D)
78,79,84	Motion pictures, amusement services, and museums	431	16,638	387	1,535	99,480	1,094,396	15,474	57,638	.4	1.5	2.5	2.7
781,2	Motion picture production and distribution	63	6,126	251	1,012	11,242	171,328	4,973	19,917	.6	3.6	5.0	5.1
7819	Services allied to motion pictures	9	687	28	94	3,668	87,955	1,997	4,557	.2	.8	1.4	2.1
7829	Motion picture distribution services	0	0	0	0	196	1,079	38	106	0	0	0	0
783	Motion picture theaters	259	H	(D)	(D)	7,776	94,086	584	3,977	3.3	(D)	(D)	(D)
7832	Motion picture theaters, except drive-in	256	H	(D)	(D)	6,777	89,613	551	3,809	3.8	(D)	(D)	(D)
7833	Drive-in motion picture theaters	3	A	(D)	(D)	999	4,473	34	168	.3	(D)	(D)	(D)
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Table 1.—Data for U.S. Affiliates and All U.S. Businesses, by Industry of Establishment, 1987—Continued

SIC code	Industry	U.S. affiliates				All U.S. businesses				U.S. affiliates as a percentage of all U.S. businesses ²			
		Number of establishments	Number of employees	Millions of dollars		Number of establishments	Number of employees ¹	Millions of dollars		Establishments	Employment	Payroll	Shipments or sales
				Payroll	Shipments or sales			Payroll	Shipments or sales				
79 ex. 792, 3.4; 84	Museums, other amusement services except sports	53	4,386	57	188	45,936	518,894	4,979	18,590	.1	.8	1.2	1.0
791	Dance studios, schools, and halls	0	0	0	0	4,016	19,759	112	383	0	0	0	0
7991	Physical fitness facilities	8	622	6	16	9,376	104,917	745	2,571	.1	.6	.8	.6
7992	Public golf courses	11	722	12	30	2,736	24,239	299	1,113	.4	3.0	4.1	2.7
7993	Coin-operated amusement devices	1	A	(D)	(D)	4,450	24,924	297	1,396	.1	(D)	(D)	(D)
7996	Amusement parks	5	B	(D)	(D)	744	60,414	820	3,470	.7	(D)	(D)	(D)
7997	Membership sports and recreation clubs	19	2,738	36	129	7,659	112,724	1,173	3,700	.2	2.4	3.1	3.5
7999,84	Museums, amusement, nec	9	273	2	9	16,955	171,917	1,534	5,957	.1	.2	.2	.1
80	Health services	941	46,576	541	1,327	406,753	3,592,482	78,820	182,289	.2	1.3	.7	.7
801	Offices and clinics of medical doctors	4	48	2	3	195,502	1,131,603	43,856	90,462	.1	.1	.1	.1
802	Offices and clinics of dentists	20	E	(D)	(D)	104,151	491,536	8,760	24,017	.1	(D)	(D)	(D)
803	Offices of osteopathic physicians	0	0	0	0	7,314	35,572	967	2,119	0	0	0	0
804	Offices of other health practitioners	4	A	(D)	(D)	55,555	188,835	3,193	10,341	.1	(D)	(D)	(D)
8041	Offices and clinics of chiropractors	0	0	0	0	20,065	58,041	900	3,275	0	0	0	0
8042	Offices and clinics of optometrists	2	A	(D)	(D)	15,972	57,900	893	3,450	.1	(D)	(D)	(D)
8043,9	Offices of podiatrists and other health practitioners	2	A	(D)	(D)	19,518	72,894	1,400	3,615	.1	(D)	(D)	(D)
8043	Offices and clinics of podiatrists	1	A	(D)	(D)	7,474	21,969	404	1,278	.1	(D)	(D)	(D)
8049	Offices of health practitioners, nec	1	A	(D)	(D)	12,044	50,925	996	2,337	.1	(D)	(D)	(D)
805	Nursing and personal care facilities	176	16,221	170	396	13,415	961,598	9,465	20,063	1.3	1.7	1.8	2.0
8051	Skilled nursing care facilities	107	10,494	114	272	9,482	798,425	7,996	16,938	1.1	1.3	1.4	1.6
8052,9	Other personal care facilities	69	I	(D)	(D)	3,933	163,173	1,469	3,125	1.8	(D)	(D)	(D)
8052	Intermediate care facilities	66	C	(D)	(D)	2,407	119,829	1,047	2,191	2.7	(D)	(D)	(D)
8059	Nursing and personal care, nec	3	I	(D)	(D)	1,526	43,344	422	934	.2	(D)	(D)	(D)
806	Hospitals	26	I	(D)	(D)	1,395	366,495	6,582	19,720	1.9	(D)	(D)	(D)
8062	General medical and surgical hospitals	25	I	(D)	(D)	885	294,133	5,243	15,891	2.8	(D)	(D)	(D)
8063	Psychiatric hospitals	0	0	0	0	373	54,358	1,020	2,930	0	0	0	0
8069	Specialty hospitals except psychiatric	1	C	(D)	(D)	137	18,004	319	899	.7	(D)	(D)	(D)
807,8,9	Other health services	711	23,688	258	597	29,421	416,843	5,997	15,568	2.4	5.7	4.3	3.8
807	Medical and dental laboratories	271	5,404	91	273	14,841	131,822	2,567	7,114	1.8	4.1	3.6	3.8
8071	Medical laboratories	271	5,404	91	273	6,871	91,114	1,884	5,518	3.9	5.9	4.8	4.9
8072	Dental laboratories	0	0	0	0	7,970	40,708	683	1,596	0	0	0	0
8082	Home health care services	188	J	(D)	(D)	5,080	184,793	1,578	3,024	3.7	(D)	(D)	(D)
809	Health and allied services, nec	252	H	(D)	(D)	9,500	100,228	1,851	5,430	2.7	(D)	(D)	(D)
8092	Kidney dialysis centers	0	0	0	0	711	13,102	243	825	0	0	0	0
8093	Specialty outpatient clinics, nec	89	C	(D)	(D)	5,287	51,320	1,058	2,949	1.7	(D)	(D)	(D)
8099	Health and allied services, nec	163	G	(D)	(D)	3,502	35,806	550	1,656	4.7	(D)	(D)	(D)
81	Legal services	6	C	(D)	(D)	138,222	807,599	26,078	66,998	.1	(D)	(D)	(D)
823,4,9	Selected educational services	39	1,028	14	42	10,596	109,432	1,657	4,882	.4	.9	.9	.9
823	Libraries	0	0	0	0	178	902	13	33	0	0	0	0
824	Vocational schools	18	252	6	19	3,702	65,267	1,086	3,058	.5	4	.6	.6
8243	Data processing schools	0	0	0	0	721	8,038	161	459	0	0	0	0
8244	Business and secretarial schools	1	A	(D)	(D)	909	25,346	380	908	.1	(D)	(D)	(D)
8249	Vocational schools, nec	17	C	(D)	(D)	2,072	31,883	545	1,692	.8	(D)	(D)	(D)
829	Schools and educational services, nec	21	776	8	22	6,716	43,263	558	1,791	.3	1.8	1.4	1.2
83	Social services	51	1,306	17	52	43,071	357,343	2,971	7,330	.1	.4	.6	.7
835	Child day care services	35	F	(D)	(D)	26,809	199,666	1,307	2,944	.1	(D)	(D)	(D)
832,3, 6,9	Other social services	16	F	(D)	(D)	16,262	157,677	1,664	4,386	.1	(D)	(D)	(D)
832	Individual and family services	1	A	(D)	(D)	4,519	24,852	297	729	.1	(D)	(D)	(D)
833	Job training and related services	1	A	(D)	(D)	1,777	24,149	363	795	.1	(D)	(D)	(D)
836	Residential care	13	455	4	13	8,516	98,407	882	2,490	.2	.5	.5	.5
839	Social services, nec	1	C	(D)	(D)	1,450	10,269	123	373	.1	(D)	(D)	(D)
87 ex. 8733	Engineering and management services, except noncommercial research	995	34,210	1,255	3,289	204,963	1,969,187	53,508	127,344	.5	1.7	2.3	2.6
871	Engineering and architectural services	386	15,492	625	1,945	62,299	746,983	23,175	53,563	.6	2.1	2.7	3.6
8711	Engineering services	322	13,716	564	1,761	36,086	558,384	18,216	41,615	.9	2.5	3.1	4.2
8712	Architectural services	28	1,446	51	157	17,777	136,809	3,953	9,855	.2	1.1	1.3	1.6
8713	Surveying services	36	330	10	27	8,436	51,790	1,006	2,094	.4	.6	1.0	1.3
872	Accounting, auditing, and bookkeeping	13	902	36	16	69,773	448,143	10,204	24,483	.1	.2	.4	.1
873 ex. 8733	Research and testing services, except noncommercial research	313	8,848	269	567	12,390	222,219	5,615	14,184	2.5	4.0	4.8	4.0
8731	Commercial physical research	47	2,758	105	196	3,522	92,653	3,014	7,210	1.3	3.0	3.5	2.7
8732	Commercial nonphysical research	40	1,732	53	111	5,574	85,190	1,578	4,579	.7	2.0	3.4	2.4
8734	Testing laboratories	226	4,358	111	260	3,294	44,376	1,022	2,995	6.9	9.8	10.8	10.8
874	Management and public relations	283	8,968	325	760	60,501	551,842	14,515	35,114	.5	1.6	2.2	2.2
8741	Management services	123	4,340	142	376	17,543	226,509	5,238	12,710	.7	1.9	2.7	3.0
8742	Management consulting services	90	1,951	84	172	28,535	186,224	5,613	13,268	.3	1.0	1.5	1.3
8743	Public relations services	38	1,727	67	148	5,060	29,854	794	2,102	.8	5.8	8.4	7.1
8744	Facilities support services	5	306	8	12	452	56,843	1,586	3,708	1.1	.5	.5	.3
8748	Business consulting, nec	27	644	24	52	8,911	52,412	1,283	3,326	.3	1.2	1.8	1.6
89	Services, nec	16	E	(D)	(D)	22,046	62,984	1,433	3,775	.1	(D)	(D)	(D)
	Administrative and auxiliary	251	15,631	434	n.a.	6,628	281,657	8,122	n.a.	3.8	5.6	5.3	n.a.
	Private education and noncommercial establishments	14	225	6	13	175,829	6,736,670	117,976	267,490	.1	.1	.1	.1
	Unclassified establishments	47	567	15	n.a.	171,801	221,842	5,128	n.a.	.1	.2	.3	n.a.

n.a. Not available.
¹ Suppressed to avoid disclosure of data of individual companies.
² For some industries, the data shown in this column are rounded to the nearest 100 employees because, in the Census Bureau publications from which they were taken, they were rounded on this basis.
 1. In accordance with Census Bureau practice, percentages between 0 and 0.15 are shown as 0.1.
 2. Includes "land subdividers and developers, except cemeteries" (SIC 6552).
 3. Excludes railroads.
 NOTE.—Size ranges are given in employment cells that are suppressed. The size ranges are: A—0 to 19; B—20 to 99; C—100 to 249; E—250 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999; L—50,000 to 99,999; M—100,000 or more.
 In this table, unlike in most BEA tables published elsewhere on direct investment, petroleum is not shown as a separate major industry. Instead, in order to be consistent with Census Bureau practice, data for the various petroleum subindustries are distributed among the other major industries. Thus, manufacturing includes petroleum and coal products, wholesale trade includes petroleum wholesale trade, retail trade includes gasoline service stations, and so on.
 SIC Standard Industrial Classification

Table 2.—Number of Establishments of U.S. Affiliates, Industry of Establishment by Country of UBO, 1987

	All countries	Canada	Europe							Latin America and Other Western Hemisphere	Africa	Middle East	Asia and Pacific			United States
			Total	Of which:					Total				Of which:			
				France	Germany, Federal Republic of	Netherlands	Switzerland	United Kingdom					Australia	Japan		
All industries	66,878	12,251	40,096	4,041	5,916	5,508	3,450	16,542	2,262	337	1,290	10,007	1,443	5,284	635	
Agricultural services, forestry, and fishing	96	4	54	5	0	7	10	25	12	0	3	23	0	23	0	
Mining	1,299	251	660	91	48	108	14	333	101	76	43	159	95	25	9	
Coal	201	78	98	5	25	26	0	34	0	2	4	17	10	4	2	
Other	1,098	173	562	86	23	82	14	299	101	74	39	142	85	21	7	
Construction ¹	643	95	411	67	43	23	91	117	18	1	11	106	38	56	1	
Manufacturing	8,151	1,017	5,710	657	754	470	478	2,499	161	60	68	1,099	175	718	36	
Food and kindred products	747	83	556	85	24	49	85	259	9	3	3	93	17	60	0	
Beverages	93	11	57	16	3	3	5	28	2	0	0	23	3	17	0	
Other	654	72	499	69	21	46	80	231	7	3	3	70	14	43	0	
Textile mill products	116	19	79	4	16	4	5	41	0	0	0	18	0	9	0	
Apparel and other textile products	57	10	33	1	11	1	0	15	4	0	0	10	3	7	0	
Lumber and wood products	130	25	93	5	4	0	4	49	1	0	2	9	1	6	0	
Furniture and fixtures	69	5	51	4	7	8	3	10	0	0	0	13	1	3	0	
Paper and allied products	273	42	181	4	9	6	6	31	5	7	5	32	0	31	1	
Printing and publishing	456	184	221	0	19	9	6	155	10	12	1	19	12	7	9	
Newspapers	128	105	16	0	3	0	0	13	1	0	1	5	4	1	0	
Other	328	79	205	0	16	9	6	142	9	12	0	14	8	6	9	
Chemicals and allied products	1,148	109	897	150	173	90	93	296	7	6	7	122	8	103	0	
Industrial inorganic chemicals	332	16	297	115	16	7	5	139	1	6	0	12	3	9	0	
Plastics materials and synthetics	115	29	65	4	25	10	4	13	0	0	0	21	0	19	0	
Industrial organic chemicals	141	17	118	10	42	13	21	22	1	0	0	5	0	4	0	
Drugs	108	4	90	3	14	15	23	20	5	0	0	9	0	8	0	
Soap, cleaners, and toilet goods	98	10	80	3	28	14	15	16	0	0	5	3	1	2	0	
Other	354	33	247	15	48	31	25	86	0	0	2	72	4	61	0	
Petroleum and coal products manufacturing	213	15	159	61	2	14	0	66	5	0	0	34	0	4	0	
Rubber and miscellaneous plastics products	477	71	276	24	32	29	12	137	1	2	1	66	11	39	0	
Stone, clay, and glass products	849	33	623	60	24	51	33	394	17	4	3	169	40	77	0	
Primary metal industries	311	59	166	24	25	7	11	58	6	7	9	53	13	36	11	
Fabricated metal products	401	85	240	16	36	21	17	111	16	0	11	46	17	23	5	
Machinery, except electrical	675	54	494	30	109	25	36	179	15	5	8	94	5	72	3	
Office and computing machines	56	4	34	7	4	5	0	13	4	0	0	10	0	12	0	
Other	119	50	460	23	105	20	36	166	11	5	8	80	5	60	5	
Electric and electronic equipment	562	39	417	41	72	58	26	171	13	4	0	86	6	71	3	
Household audio and video equipment	24	2	7	2	0	1	1	3	0	0	0	15	0	13	0	
Communications equipment	89	12	60	9	8	5	5	29	5	0	0	11	0	11	1	
Electronic components and accessories	182	14	126	11	18	27	3	59	5	3	0	32	3	28	2	
Other	267	11	224	19	46	25	17	80	3	1	0	28	3	19	0	
Transportation equipment	163	21	97	6	23	4	3	48	4	1	4	35	1	33	1	
Motor vehicles and equipment	97	13	55	2	20	0	0	21	0	1	0	28	1	27	0	
Other transportation equipment	66	8	42	4	3	4	3	27	4	0	4	7	0	6	1	
Instruments and related products	320	16	241	10	49	11	38	116	19	5	4	35	5	29	0	
Other manufacturing ²	170	9	123	15	9	11	7	61	7	0	0	31	18	13	3	
Administrative and auxiliary	1,074	138	763	117	110	72	93	302	22	4	10	134	17	95	3	
Transportation and public utilities ³	2,164	312	977	125	101	234	110	292	83	37	76	674	352	249	5	
Transportation	1,779	194	823	30	95	227	102	259	53	6	58	640	327	242	5	
Communication	101	22	28	10	4	0	1	11	27	0	15	9	9	0	0	
Electric, gas, and sanitary services	211	84	98	82	1	0	3	10	0	21	1	7	6	1	0	
Administrative and auxiliary	73	12	28	3	1	7	4	12	3	10	2	18	10	6	0	
Wholesale trade	12,789	1,405	8,362	1,353	1,359	808	711	2,899	369	90	119	2,421	144	2,041	23	
Motor vehicles and equipment	839	9	535	82	155	2	2	166	25	21	49	200	13	172	0	
Professional and commercial equipment and supplies	1,234	87	748	231	128	76	28	214	5	5	11	378	22	350	0	
Metals and minerals, except petroleum	564	68	312	30	88	10	8	89	14	9	0	148	10	133	13	
Electrical goods	1,357	112	811	64	142	106	123	282	44	1	6	382	1	370	1	
Machinery, equipment, and supplies	2,016	142	1,396	182	380	87	82	410	109	35	29	300	6	238	5	
Other durable goods	1,332	91	940	168	77	24	85	365	33	1	5	260	44	194	2	
Groceries and related products	862	80	615	93	46	67	140	243	29	6	5	126	5	75	1	
Farm-product raw materials	222	5	160	110	0	6	24	1	3	0	0	54	1	51	0	
Other nondurable goods	3,583	747	2,389	332	281	384	122	1,008	83	8	7	348	33	257	1	
Administrative and auxiliary	780	64	456	61	62	46	97	121	24	4	7	225	9	201	0	
Retail trade	24,403	7,423	15,556	1,269	2,139	3,322	649	6,993	462	18	192	720	357	213	32	
General merchandise stores	822	135	591	0	259	242	31	53	34	0	1	61	18	10	0	
Food stores	4,143	468	3,546	634	1,540	237	0	305	15	0	0	113	93	20	1	
Apparel and accessory stores	6,919	2,733	3,826	30	124	1,268	35	2,354	19	1	39	280	166	23	21	
Other retail trade, including administrative and auxiliary	12,519	4,087	7,593	605	216	1,575	583	4,281	394	17	152	266	80	160	10	
Finance, insurance, and real estate ¹	8,316	962	3,915	137	1,241	379	354	943	364	43	458	2,159	56	1,447	415	
Banking	3,364	27	1,891	57	986	19	6	246	70	2	372	1,002	6	435	0	
Other finance	2,170	151	829	51	126	105	110	209	145	38	41	957	25	887	9	
Insurance	1,836	438	890	7	74	196	199	400	90	0	6	15	4	11	397	
Real estate	850	340	259	17	38	57	37	77	59	2	36	149	19	88	5	
Administrative and auxiliary	96	6	46	5	17	2	2	11	0	1	3	36	2	26	4	
Services	9,058	809	4,451	336	232	159	1,037	2,440	693	11	324	2,658	223	525	112	
Hotels and other lodging places	421	14	315	12	5	18	29	236	7	0	20	61	1	39	4	
Business services	2,746	219	1,490	143	79	80	404	694	581	4	70	358	142	186	24	
Computer and data processing services	447	94	272	68	64	16	74	44	34	2	3	28	6	18	14	
Other business services	2,299	125	1,218	75	15	64	330	650	547	2	67	330	136	168	10	
Motion pictures, amusement services, and museums	431	286	75	46	1	4	1	18	6	0	3	60	44	12	1	
Engineering, architectural, and surveying services	386	30	279	59	30	2	25	141	18	2	22	34	1	31	1	
Accounting, auditing, and bookkeeping	13	3	8	0	0	3	1	3	2	0	0	0	0	0	0	
Research and testing services	313	17	259	4	6	8	186	46	2	0	0	33	1	30	2	
Management and public relations	283	9	198	12	10	13	10	136	16	4	13	39	7	24	4	
Health services	941	190	442	2	55											

Table 3.—Employment of U.S. Affiliates, Industry of Establishment by Country of UBO, 1987

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Africa	Middle East	Asia and Pacific			United States
			Total	Of which:								Total	Of which:		
				France	Germany, Federal Republic of	Netherlands	Switzerland	United Kingdom					Australia	Japan	
All industries	3,228,896	540,403	1,975,312	181,894	391,596	254,396	214,413	661,804	139,259	18,981	66,160	459,768	86,577	296,139	29,013
Agricultural services, forestry, and fishing	2,106	121	G	C	0	B	E	F	F	0	72	102	0	102	0
Mining	97,622	24,055	K	2,915	2,934	J	338	22,329	J	3,333	2,114	10,581	6,636	F	E
Coal	26,825	J	12,960	C	H	J	0	4,899	C	C	488	2,496	G	F	G
Other	70,797	J	33,735	H	E	E	338	17,430	J	H	1,626	8,085	I	G	A
Construction ¹	51,422	5,876	32,872	8,406	J	1,018	2,161	6,337	G	A	E	10,537	3,972	5,984	A
Manufacturing	1,311,398	211,295	870,477	92,981	167,143	99,839	85,391	309,577	47,204	8,222	8,967	156,225	25,232	109,353	9,008
Food and kindred products	110,164	16,595	84,912	11,559	2,415	E	23,852	32,460	G	411	C	6,824	1,143	4,350	0
Beverages	12,239	H	7,365	G	158	I	F	4,589	B	0	0	G	F	0	0
Other	97,925	J	77,547	E	2,257	I	J	27,871	G	411	C	H	E	H	0
Textile mill products	29,319	8,152	15,619	I	2,824	F	1,151	9,286	0	0	0	5,548	0	1,431	0
Apparel and other textile products	9,466	1,579	5,534	A	2,174	C	0	2,866	0	0	0	G	C	854	0
Lumber and wood products	13,849	3,045	9,958	379	941	0	E	4,409	B	0	C	F	A	301	0
Furniture and fixtures	15,406	478	11,637	G	H	G	G	G	0	0	0	3,291	B	E	0
Paper and allied products	43,261	9,630	27,622	E	1,321	G	794	6,651	F	G	F	3,252	0	3,221	B
Printing and publishing	51,761	19,708	22,946	0	2,691	473	G	11,550	H	F	A	I	H	409	E
Newspapers	12,300	I	589	0	168	0	0	421	C	C	A	H	H	C	0
Other	39,461	J	22,357	0	2,523	473	G	11,129	G	F	0	1,873	G	E	0
Chemicals and allied products	171,759	K	114,972	8,344	44,105	13,200	18,490	24,058	I	F	E	6,478	673	4,205	E
Industrial inorganic chemicals	18,088	H	10,885	H	1,421	E	E	4,601	G	F	0	470	C	E	0
Plastics materials and synthetics	46,826	J	521	16,333	1,303	E	E	1,656	0	0	0	0	0	0	0
Industrial organic chemicals	31,038	J	2,464	10,212	2,477	3,315	2,602	6,637	B	0	0	387	0	211	0
Drugs	33,382	F	28,960	B	I	2,527	9,584	6,637	H	0	0	F	0	969	0
Soap, cleaners, and toilet goods	14,100	F	12,573	E	2,491	H	1,953	3,087	0	0	E	E	E	C	0
Other	28,325	I	19,201	G	I	G	2,950	5,475	0	0	B	G	E	G	0
Petroleum and coal products manufacturing	18,201	G	13,646	1,569	C	I	0	4,137	2,365	0	0	E	0	C	0
Rubber and miscellaneous plastics products	64,220	12,096	42,209	8,326	9,849	3,674	1,448	14,270	A	E	C	I	G	6,260	0
Stone, clay, and glass products	64,525	3,484	42,832	7,612	3,363	1,714	3,182	23,783	I	F	C	11,523	3,943	4,940	I
Primary metal industries	78,119	14,449	32,896	10,011	5,560	1,413	2,479	6,396	G	G	1,891	20,242	H	14,908	0
Fabricated metal products	61,434	10,942	37,734	1,568	8,168	1,681	1,231	20,047	I	0	0	3,529	1,053	1,637	F
Machinery, except electrical	115,976	9,886	82,419	10,940	17,511	3,292	4,336	26,483	2,405	F	E	19,282	484	17,418	E
Office and computing machines	23,064	1,576	J	I	834	1,908	0	2,811	F	0	0	8,177	0	8,109	E
Other	92,912	8,310	L	I	16,677	1,384	4,336	23,672	F	E	E	13,999	484	9,309	E
Electric and electronic equipment	170,320	J	120,810	11,546	24,145	K	3,823	37,156	3,080	0	0	26,854	G	24,214	G
Household audio and video equipment	14,929	E	J	G	2,904	H	B	151	0	0	0	9,493	0	8,910	0
Communications equipment	36,112	J	J	4,226	2,904	I	F	8,976	G	0	0	2,765	0	2,765	C
Electronic components and accessories	50,993	G	35,107	1,619	J	J	C	8,277	510	F	C	9,411	F	8,434	0
Other	69,186	H	62,191	H	J	J	2,996	19,752	E	B	0	5,185	F	4,105	0
Transportation equipment	55,783	H	35,971	4,989	11,537	E	C	14,776	F	C	G	J	B	13,625	A
Motor vehicles and equipment	40,456	1,976	25,325	H	11,232	0	0	6,455	0	C	0	1,070	0	12,965	0
Other transportation equipment	15,327	G	10,646	G	305	E	C	8,321	I	0	0	0	0	664	A
Instruments and related products	72,839	I	53,965	G	9,369	J	4,913	25,299	F	0	C	H	F	3,069	0
Other manufacturing ²	34,284	E	26,707	H	F	F	1,138	2,299	E	0	0	6,730	4,659	2,071	0
Administrative and auxiliary	130,712	26,658	88,068	8,092	16,693	14,945	15,506	27,256	6,588	F	E	8,060	628	5,847	E
Transportation and public utilities ³	94,284	22,400	27,735	3,462	3,574	I	1,821	10,497	3,012	H	H	33,251	21,865	I	B
Transportation	74,121	J	21,717	F	H	H	1,774	I	G	B	H	31,065	19,933	I	B
Communication	6,840	2,216	1,665	370	C	0	A	G	F	0	F	G	A	0	0
Electric, gas, and sanitary services	8,985	3,146	H	1,925	A	0	B	F	0	H	A	G	A	0	0
Administrative and auxiliary	4,338	E	G	C	A	372	A	1,063	B	F	F	F	F	C	0
Wholesale trade	343,348	36,887	207,584	31,934	43,634	22,038	18,372	65,664	9,778	1,886	2,925	84,042	3,842	73,265	246
Motor vehicles and equipment	30,233	382	15,709	2,479	5,040	E	B	3,892	2,104	E	C	10,106	C	10,106	0
Professional and commercial equipment and supplies	48,574	3,483	26,450	6,072	8,507	3,253	937	5,192	B	F	F	17,917	G	15,948	0
Metals and minerals, except petroleum	10,171	815	5,562	799	1,797	130	217	1,597	E	E	0	2,976	104	2,742	B
Electrical goods	41,008	H	16,424	1,438	4,155	2,161	1,100	5,478	1,346	B	174	J	B	17,319	16
Machinery, equipment, and supplies	36,116	2,509	23,653	4,176	6,787	899	2,110	5,728	2,447	796	293	6,309	89	5,710	109
Other durable goods	27,315	G	17,492	2,168	1,597	F	H	7,817	584	A	62	6,944	386	6,181	B
Machinery and related products	31,811	4,185	23,314	2,410	I	2,071	G	8,553	337	C	B	3,805	C	2,230	A
Farm-product raw materials	4,312	C	3,384	G	0	328	F	C	C	0	0	F	A	609	0
Other nondurable goods	74,972	J	50,880	I	8,119	J	5,902	J	1,981	28	E	8,426	1,026	5,389	A
Administrative and auxiliary	38,836	4,937	24,716	2,260	4,821	3,930	2,417	7,771	488	80	267	8,348	680	7,031	0
Retail trade	628,793	173,563	412,668	19,360	104,775	93,764	17,368	121,138	11,600	212	G	27,428	8,458	8,580	F
General merchandise stores	104,737	K	59,300	0	3,686	K	I	J	4,621	0	B	J	G	0	0
Food stores	200,816	29,272	167,167	10,487	L	J	0	J	B	0	0	H	H	399	A
Apparel and accessory stores	73,893	29,031	39,242	300	1,291	J	E	18,786	G	B	G	G	G	340	F
Other retail trade, including administrative and auxiliary	249,347	L	146,959	8,573	J	J	J	L	5,747	C	1,136	9,989	1,679	7,889	J
Finance, insurance, and real estate ¹	310,852	30,531	162,937	4,989	43,445	14,255	19,266	49,693	9,109	G	J	80,598	2,232	57,889	C
Banking	107,525	1,661	57,114	2,649	J	1,776	745	11,413	H	B	9,734	35,680	666	16,935	0
Other finance	86,368	4,550	36,472	1,415	J	G	I	10,197	3,186	G	1,186	38,505	814	K	G
Insurance	76,572	10,548	50,252	173	H	J	J	24,907	G	0	B	F	C	E	J
Real estate	21,661	J	3,990	C	438	817	537	1,638	444	A	F	H	561	1,712	C
Administrative and auxiliary	18,726	E	15,109	F	I	C	C	G	0	A	B	2,942	A	H	C
Services	390,674	37,126	212,928	17,724	15,503	5,959	69,352	75,596	45,907	E	33,568	57,204	14,460	31,596	H
Hotels and other lodging places	46,987	1,746	J	2,368	184	1,694	I	599	0	0	2,900	J	E	11,104	1,610
Business services	200,340	6,307	123,121	7,115	3,333	2,501	50,501	36,037	C	J	19,452	7,692	11,371	G	
Computer and data processing services	22,189	2,525	16,085	3,492	2,976	1,908	H	4,199	1						

Table 4.—Employment of U.S. Affiliates, by Industry of Establishment, Total and Percent Distribution by Country of UBO, 1987

	Employment by U.S. affiliates	Percentage of U.S.-affiliate employment accounted for by affiliates with UBO's in:														United States	
		All countries	Canada	Europe						Latin America and Other Western Hemisphere	Africa	Middle East	Asia and Pacific				(16)
				Total	Of which:								Total	Of which:			
					France	Germany, Federal Republic of	Netherlands	Switzerland	United Kingdom					Australia	Japan		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		
All industries	3,228,896	100	17	61	6	12	8	7	20	4	1	2	14	3	9	1	
Agricultural services, forestry, and fishing	2,106	100	6	47-100	5-12	0	1-5	12-24	24-47	24-47	0	3	5	0	5	0	
Mining	97,622	100	25	26-51	3	3	10-26	(*)	23	10-26	3	2	11	7	1-3	0-1	
Coal	26,825	100	37-93	48	0-1	9-19	9-19	0	18	0	0-1	2	9	4-9	2-4	1-2	
Other	70,797	100	14-35	48	4-7	0-1	7-14	(*)	25	14-35	4-7	2	11	7-14	1-4	(*)	
Construction ¹	51,422	100	11	64	16	19-49	2	4	15	2	5	0-1	20	8	12	(*)	
Manufacturing	1,311,398	100	16	66	7	13	8	7	24	4	1	1	12	2	8	1	
Food and kindred products	110,164	100	15	77	10	2	5-9	22	29	1-2	(*)	(*)	6	2	4	0	
Beverages	12,239	100	20-41	60	8-20	1	2-4	4-8	37	0-1	(*)	(*)	8-20	4-8	8-20	0	
Other	97,925	100	10-26	79	5-10	2	5-10	10-26	28	1-3	(*)	(*)	3-5	0-1	3-5	0	
Textile mill products	29,319	100	28	53	1-2	10	2-3	4	32	0	(*)	(*)	19	0	5	0	
Apparel and other textile products	9,466	100	17	58	(*)	23	1-3	0	30	11-26	0	(*)	11-26	1-3	9	0	
Lumber and wood products	13,849	100	22	72	3	7	0	2-4	32	0-1	(*)	1-2	4-7	(*)	2	0	
Furniture and fixtures	15,406	100	3	76	6-16	16-32	6-16	1-2	6-16	0	(*)	0	21	0-1	2-3	0	
Paper and allied products	43,261	100	22	64	1	3	2-6	1	15	1-2	2-6	1-2	8	0	7	(*)	
Printing and publishing	51,761	100	38	44	0	5	1	2-5	22	5-10	1-2	(*)	10-19	5-10	1	0-1	
Newspapers	12,300	100	41-81	5	0	1	0	0	1	1-2	0	(*)	20-41	20-41	1-2	0	
Other	39,461	100	25-63	57	0	6	1	3-6	18	3-6	1-3	(*)	5	3-6	1	1	
Chemicals and allied products	171,759	100	15-29	67	5	26	8	11	24	3-6	0-1	(*)	4	(*)	2	0	
Industrial inorganic chemicals	18,088	100	14-28	60	14-28	8	1-3	1-3	25	6-14	3-6	(*)	3	1	1	0	
Plastics materials and synthetics	46,826	100	21-53	61	1	35	3	1	4	0	0	(*)	2-5	0	2-5	0	
Industrial organic chemicals	31,038	100	16-32	32-81	(*)	8	33	8	11	8	0	(*)	2	1	0	0	
Drugs	33,382	100	4-7	89	2-4	15-30	8	29	20	7-15	0	(*)	1-3	0	3	0	
Soap, cleaners, and toilet goods	14,100	100	4-7	89	2-4	18	18-35	14	22	0	0	2-4	2-4	2-4	1-2	0	
Other	28,325	100	18-35	68	4-9	18-35	4-9	10	19	0	0	(*)	4-9	1-2	4-9	0	
Petroleum and coal products manufacturing	18,201	100	5-14	75	9	1	27-55	0	23	13	0	(*)	1-3	0	1	0	
Rubber and miscellaneous plastics products	64,220	100	19	66	13	15	6	2	22	(*)	0-1	(*)	8-16	2-4	10	0	
Stone, clay, and glass products	64,525	100	5	66	12	5	3	5	37	8-15	1-2	(*)	18	6	8	0	
Primary metal industries	78,119	100	18	42	13	7	2	3	8	1-3	1-3	2	26	3-6	19	6-13	
Fabricated metal products	61,434	100	18	61	3	13	3	2	33	8-16	0	2-4	6	2	3	1-2	
Machinery, except electrical	115,976	100	9	71	9	15	3	4	23	2	(*)	1	17	(*)	15	(*)	
Office and computing machines	23,064	100	7	43-100	22-43	4	8	0	12	4-11	0	0	35	0	35	0	
Other	92,912	100	9	54-100	5-11	18	1	5	25	1	0-1	2	12	1	10	0-1	
Electric and electronic equipment	170,320	100	6-15	71	7	14	15-29	2	22	2	0	(*)	16	1	14	1	
Household audio and video equipment	14,929	100	2-3	33-67	7-17	0	17-33	0-1	1	0	0	0	64	0	60	0	
Communications equipment	36,112	100	28-69	28-69	12	8	3	1-3	17	3-7	0	0	8	0	8	0-1	
Electronic components and accessories	50,093	100	5-10	70	3	20-50	20-50	(*)	25	1	0	0	19	1-2	17	2-5	
Other	69,186	100	1-4	90	4-7	7-14	14-36	4	29	0-1	(*)	0	7	1	6	0	
Transportation equipment	55,783	100	4-9	64	9	21	0-1	(*)	26	1-2	(*)	2-4	18-45	(*)	24	(*)	
Motor vehicles and equipment	40,456	100	5	63	6-12	28	0	0	16	0	0-1	0	25-62	(*)	32	0	
Other transportation equipment	15,327	100	7-16	69	7-16	2	2-3	1-2	54	3-7	0	7-16	7	0	4	(*)	
Instruments and related products	72,839	100	7-14	74	1-3	13	14-34	7	35	7-14	1	(*)	3-7	1	4	0	
Other manufacturing ²	34,284	100	1	78	7-15	1-3	3-7	3	29-73	1	0	0	20	14	6	0	
Administrative and auxiliary	130,712	100	20	67	6	13	11	12	21	5	0-1	(*)	6	(*)	4	(*)	
Transportation and public utilities ³	94,284	100	24	29	4	4	5-11	2	11	3	3-5	3-5	35	23	5-11	(*)	
Transportation	74,121	100	13-34	29	1	3-7	3-7	2	7-13	1-3	(*)	3-7	42	7-13	0	0	
Communication	6,840	100	32	24	5	1-4	0	(*)	15-37	7-15	0	7-15	15-37	15-37	0	0	
Electric, gas, and sanitary services	8,985	100	35	28-56	21	(*)	0	0-1	6-11	0	28-56	(*)	(*)	(*)	(*)	0	
Administrative and auxiliary	4,338	100	6-12	23-58	2-6	(*)	9	(*)	25	0-2	12-23	12-23	12-23	12-23	2-6	0	
Wholesale trade	343,348	100	11	60	9	13	6	5	19	2	1	24	1	24	1	21	
Motor vehicles and equipment	30,233	100	1	52	8	17	1-2	(*)	13	7	1-2	3-8	33-83	0-1	33	0	
Professional and commercial equipment and supplies	48,574	100	7	54	13	18	7	2	11	(*)	(*)	1-2	37	2-5	33	0	
Metals and minerals, except petroleum	10,171	100	8	55	8	18	1	2	16	2-5	2-5	0	29	1	27	0-1	
Electrical goods	41,008	100	6-12	40	4	10	5	3	13	3	(*)	(*)	24-61	(*)	42	(*)	
Machinery, equipment, and supplies	36,116	100	7	65	12	19	2	6	16	7	2	1	17	(*)	16	(*)	
Other durable goods	27,315	100	4-9	64	8	6	2-4	4-9	29	2	(*)	(*)	25	1	23	(*)	
Groceries and related products	31,811	100	1-3	73	8	16-31	7	8-16	27	1	0-1	(*)	12	0-1	7	(*)	
Farm-product raw materials	4,312	100	2-6	78	23-58	0	8	12-23	2-6	2-6	0	0	12-23	(*)	14	0	
Other nondurable goods	74,972	100	13-33	68	7-13	7-13	11	8	13-33	3	0	0-1	11	1	7	(*)	
Administrative and auxiliary	38,836	100	13	64	6	12	10	6	20	1	(*)	1	21	2	18	0	
Retail trade	628,793	100	28	66	3	17	15	3	19	2	(*)	(*)	4	1	1	(*)	
General merchandise stores	104,737	100	24-48	57	0	4	24-48	5-10	10-24	4	0	(*)	10-24	1-2	1-2	0	
Food stores	200,816	100	15	83	5	25-50	5-12	0	5-12	(*)	0	0	1-2	1-2	(*)	(*)	
Apparel and accessory stores	73,893	100	39	53	(*)	2	14-34	0-1	25	1-3	(*)	1-3	1-3	1-3	1	(*)	
Other retail trade, including administrative and auxiliary	249,347	100	20-40	59	3	4-10	4-10	4-10	20-40	2	(*)	(*)	4	1	2-4	(*)	
Finance, insurance, and real estate ¹	310,852	100	10	52	2	14	5	6	16	3	0-1	3-8	26	1	19	3-8	
Banking	107,525	100	2	53	2	9-23	2	1	11	2-5	(*)	9	33	1	16	0	
Other finance	86,368	100	5	42	2	6-12	1-3	6-12	12	4	1-3	1	45	1	29-58	1-3	
Insurance	76,572	100	14	66	(*)	3-7	13-33	13-33	33	1-3	0	(*)	1	(*)	0-1	13-33	
Real estate	21,661	100	46-100	18	0-1	2	4	2	8	2	(*)	2-5	12-23	3	8	0-1	
Administrative and auxiliary	18,726	100	1-3	81	3-5	27-53	1	1	5-13	0	(*)	0-1	16	(*)	13-27	1	
Services	390,674	100	10	55	5	4	2	18	19	12	(*)	(*)	9	15	4	8	
Hotels and other lodging places	46,987	100	4	21-53	5	4	11-21	11-21	19	1	0	0	21-53	1	4	3	
Business services	2																

Table 5.—Payroll of U.S. Affiliates, Industry of Establishment by Country of UBO, 1987

[Millions of dollars]

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Africa	Middle East	Asia and Pacific			United States
			Total	Of which:								Total	Of which:		
				France	Germany, Federal Republic of	Netherlands	Switzerland	United Kingdom					Australia	Japan	
All industries	81,065	12,279	49,491	4,720	9,681	5,813	5,223	16,262	3,312	622	1,184	13,394	2,291	9,397	783
Agricultural services, forestry, and fishing	51	3	(P)	(P)	0	(P)	(P)	(P)	(P)	0	1	3	0	3	0
Mining	3,645	941	(P)	106	111	(P)	10	828	(P)	132	62	363	238	(P)	(P)
Coal	1,052	489	(P)	(P)	(P)	(P)	0	181	0	15	98	(P)	(P)	(P)	(P)
Other	2,594	(P)	1,247	(P)	(P)	(P)	10	647	(P)	(P)	47	265	(P)	(P)	(P)
Construction ¹	1,647	177	994	229	(P)	39	69	228	(P)	(P)	(P)	400	166	217	(P)
Manufacturing	36,696	6,368	23,924	2,485	4,947	2,903	2,589	7,994	1,444	228	214	4,229	621	3,089	290
Food and kindred products	2,583	365	2,021	213	55	(P)	569	837	(P)	11	0	148	29	87	0
Beverages	334	(P)	206	(P)	3	(P)	(P)	135	(P)	0	0	0	0	0	0
Other	2,249	(P)	1,814	(P)	52	(P)	(P)	701	(P)	11	(P)	(P)	(P)	(P)	0
Textile mill products	557	177	297	(P)	57	(P)	21	165	0	0	0	83	0	26	0
Apparel and other textile products	154	22	102	(P)	40	(P)	0	54	(P)	0	0	(P)	(P)	10	0
Lumber and wood products	279	64	201	9	15	0	(P)	86	(P)	0	0	(P)	(P)	8	0
Furniture and fixtures	257	8	194	(P)	(P)	(P)	(P)	(P)	0	0	0	56	(P)	(P)	0
Paper and allied products	1,240	299	759	(P)	41	(P)	21	193	(P)	(P)	(P)	107	0	106	0
Printing and publishing	1,277	409	587	0	76	12	(P)	282	(P)	(P)	(P)	(P)	(P)	11	(P)
Newspapers	240	(P)	13	0	3	0	0	10	(P)	0	0	(P)	(P)	(P)	0
Other	1,037	(P)	575	0	73	12	(P)	272	(P)	(P)	0	67	(P)	(P)	(P)
Chemicals and allied products	5,732	(P)	3,717	259	1,421	433	653	748	(P)	(P)	(P)	193	21	124	0
Industrial inorganic chemicals	587	(P)	344	(P)	48	(P)	(P)	145	(P)	(P)	0	12	(P)	(P)	0
Plastics materials and synthetics	1,520	(P)	(P)	18	456	43	(P)	58	0	0	0	0	0	(P)	0
Industrial organic chemicals	1,154	(P)	(P)	79	368	92	117	89	(P)	0	0	13	0	7	0
Drugs	1,146	(P)	989	(P)	(P)	67	364	215	(P)	0	0	(P)	0	30	0
Soaps, cleaners, and toilet goods	431	(P)	397	(P)	67	(P)	54	97	0	0	0	(P)	(P)	(P)	0
Other	894	(P)	578	(P)	(P)	(P)	97	145	0	0	0	(P)	(P)	(P)	0
Petroleum and coal products manufacturing	679	(P)	506	48	(P)	(P)	0	139	88	0	0	(P)	0	(P)	0
Rubber and miscellaneous plastics products	1,551	307	985	227	250	74	34	309	(P)	(P)	(P)	(P)	(P)	183	0
Stone, clay, and glass products	1,681	84	1,130	218	100	36	94	597	(P)	(P)	(P)	291	81	132	0
Primary metal industries	2,292	413	878	263	150	37	79	163	(P)	0	51	694	(P)	530	0
Fabricated metal products	1,607	275	1,022	34	285	40	30	492	(P)	0	(P)	83	21	42	0
Machinery, except electrical	3,193	267	2,263	334	496	73	123	702	79	(P)	22	548	10	502	(P)
Office and computing machines	682	52	(P)	(P)	30	37	0	66	(P)	0	0	254	0	251	0
Other	2,511	215	(P)	(P)	466	36	123	636	(P)	(P)	22	294	10	251	(P)
Electric and electronic equipment	4,028	(P)	2,835	247	612	(P)	99	884	95	0	0	586	0	531	(P)
Household audio and video equipment	298	(P)	(P)	0	(P)	(P)	4	0	0	0	0	195	0	186	0
Communications equipment	924	(P)	(P)	101	69	36	(P)	230	(P)	0	0	72	0	72	0
Electronic components and accessories	1,240	(P)	861	33	(P)	(P)	(P)	177	17	(P)	0	207	(P)	185	(P)
Other	1,566	(P)	1,409	(P)	(P)	(P)	75	473	(P)	(P)	0	111	(P)	88	0
Transportation equipment	1,568	(P)	973	163	315	(P)	(P)	368	(P)	(P)	0	(P)	(P)	444	(P)
Motor vehicles and equipment	1,141	36	676	(P)	308	0	0	137	0	(P)	0	(P)	(P)	424	0
Other transportation equipment	426	(P)	297	(P)	7	(P)	(P)	231	(P)	0	0	31	0	20	0
Instruments and related products	1,980	(P)	1,370	(P)	257	(P)	134	579	(P)	(P)	(P)	(P)	(P)	83	0
Other manufacturing ²	720	(P)	585	(P)	(P)	17	(P)	0	(P)	0	0	114	72	42	0
Administrative and auxiliary	5,318	1,223	3,499	286	708	652	645	988	240	(P)	(P)	296	22	215	(P)
Transportation and public utilities ³	2,339	347	791	97	83	(P)	51	309	76	(P)	(P)	876	590	(P)	(P)
Transportation	1,706	(P)	600	(P)	(P)	(P)	50	(P)	(P)	(P)	(P)	783	507	(P)	(P)
Communication	194	48	48	8	(P)	0	(P)	0	(P)	0	0	(P)	(P)	0	0
Electric, gas, and sanitary services	265	83	(P)	55	(P)	0	(P)	15	0	(P)	0	1	(P)	(P)	0
Administrative and auxiliary	173	(P)	(P)	(P)	(P)	17	(P)	43	(P)	(P)	(P)	(P)	(P)	(P)	0
Wholesale trade	10,907	1,190	6,374	880	1,446	692	600	1,945	268	50	79	2,939	109	2,624	7
Motor vehicles and equipment	881	11	451	75	160	(P)	(P)	89	28	(P)	(P)	(P)	(P)	349	0
Professional and commercial equipment and supplies	1,557	102	842	194	292	109	32	143	(P)	(P)	(P)	586	(P)	531	0
Metals and minerals, except petroleum	378	28	185	26	65	5	7	47	(P)	0	0	138	4	130	0
Electrical goods	1,450	(P)	570	50	146	86	36	180	45	(P)	6	(P)	(P)	590	(P)
Machinery, equipment, and supplies	1,100	67	691	71	230	25	73	163	71	17	12	239	2	226	3
Other durable goods	803	(P)	474	59	51	(P)	(P)	191	17	(P)	1	247	13	226	(P)
Groceries and related products	818	102	598	70	(P)	43	(P)	220	12	(P)	0	101	(P)	65	(P)
Farm-product raw materials	135	(P)	103	(P)	0	5	(P)	(P)	0	0	0	(P)	(P)	24	0
Other nondurable goods	2,397	(P)	1,613	(P)	(P)	269	220	(P)	63	1	(P)	294	33	204	(P)
Administrative and auxiliary	1,388	186	848	73	197	124	62	273	16	3	9	325	16	278	0
Retail trade	7,096	1,823	4,775	227	1,337	993	198	1,299	132	2	(P)	330	101	108	(P)
General merchandise stores	1,067	(P)	595	0	25	(P)	(P)	0	46	0	(P)	(P)	(P)	(P)	0
Food stores	2,248	316	1,883	101	(P)	(P)	0	(P)	(P)	0	0	(P)	(P)	(P)	0
Apparel and accessory stores	661	247	372	4	12	(P)	(P)	234	(P)	(P)	(P)	(P)	(P)	6	(P)
Other retail trade, including administrative and auxiliary	3,120	(P)	1,925	122	(P)	(P)	(P)	(P)	77	(P)	16	154	37	108	(P)
Finance, insurance, and real estate ¹	12,120	845	7,024	201	1,085	385	945	1,964	286	(P)	(P)	3,219	117	2,577	(P)
Banking	2,938	65	1,623	109	(P)	67	52	379	(P)	(P)	229	920	33	458	0
Other finance	6,101	204	3,561	65	(P)	(P)	(P)	764	101	(P)	40	2,088	65	(P)	(P)
Insurance	2,042	238	1,375	6	(P)	(P)	(P)	735	(P)	0	(P)	(P)	(P)	(P)	0
Real estate	585	(P)	108	(P)	8	22	16	48	10	0	0	(P)	14	80	(P)
Administrative and auxiliary	455	(P)	358	(P)	(P)	(P)	(P)	0	(P)	0	(P)	72	(P)	(P)	0
Services	6,611	624	3,836	492	395	153	756	1,668	637	(P)	380	1,042	352	529	(P)
Hotels and other lodging places	643	20	(P)	29	1	27	(P)	(P)	9	0	42	(P)	(P)	188	19
Business services	2,892	192	1,910	202	102	78	418	882	431	(P)	(P)	250	104	129	(P)
Computer and data processing services	840	107	591	150	94	67	(P)	143	62	(P)	(P)	(P)	(P)	25	(P)
Other business services	2,052	86	1,319	52	8	11	(P)	740	369	(P)	(P)	(P)	(P)	105	(P)
Motion pictures, amusement services, and museums	387	99	51	(P)	(P)	(P)	(P)	26	(P)	0	(P)	(P)	(P)	11	(P)
Engineering, architectural, and surveying services	625	69	355	66	98	(P)	14	141	51	(P)	(P)	(P)	(P)	23	(P)
Accounting, auditing, and bookkeeping	36	(P)	0	(P)	0	(P)	(P)	2	(P)	0	0	0	0	0	0
Research and testing services	269	31	197	(P)	8	17	(P)	57	(P)	0	0	(P)	(P)	28	(P)
Management and public relations	325	(P)	249	(P)	17	14	(P)	173	7	4	14	32	2	24	(P)
Health services	541	172	(P)	(P)	131	0	(P)	7	(P)	0	0	(P)	(P)	(P)	(P)
Other services	459	13	286	(P)	(P)	11	176	76	(P)	0	(P)	(P)	10	(P)	(P)
Administrative and auxiliary	434	15	272	(P)	13										

Table 6.—Shipments or Sales of U.S. Affiliates, Selected Industry of Establishment by Country of UBO, 1987

[Millions of dollars]

	All countries	Canada	Europe					Latin America and Other Western Hemisphere	Africa	Middle East	Asia and Pacific			United States	
			Total	Of which:							Total	Of which:			
				France	Germany, Federal Republic of	Netherlands	Switzerland					United Kingdom	Australia		Japan
Mining	26,525	5,141	(D)	377	672	(D)	63	6,124	(D)	614	146	1,692	1,080	(D)	(D)
Coal	4,363	(D)	1,928	(D)	2,115	(D)	0	778	(D)	0	11	416	(D)	(D)	(D)
Other	22,161	(D)	16,963	(D)	(D)	(D)	63	5,346	(D)	(D)	135	1,276	(D)	(D)	(D)
Construction ¹	9,142	1,428	5,025	1,101	(D)	131	191	1,194	(D)	(D)	(D)	2,541	800	1,603	(D)
Manufacturing	237,106	39,358	152,312	15,429	26,358	24,908	16,470	50,563	9,385	1,358	1,076	32,086	4,903	23,603	1,532
Food and kindred products	28,504	3,125	23,467	(D)	612	(D)	7,228	9,276	(D)	123	(D)	1,436	199	842	0
Beverages	3,208	(D)	2,249	(D)	27	(D)	1,785	(D)	(D)	0	(D)	(D)	(D)	(D)	0
Other	25,296	(D)	21,218	(D)	586	(D)	7,491	(D)	(D)	123	(D)	(D)	(D)	(D)	0
Textile mill products	2,794	788	1,616	(D)	374	(D)	82	943	(D)	0	0	391	0	141	0
Apparel and other textile products	802	84	535	(D)	191	(D)	0	268	(D)	0	0	(D)	(D)	(D)	0
Lumber and wood products	1,840	411	1,336	59	110	(D)	0	648	(D)	0	0	(D)	(D)	59	0
Furniture and fixtures	1,266	115	861	(D)	(D)	(D)	0	(D)	(D)	0	0	290	(D)	(D)	0
Paper and allied products	8,319	1,796	5,383	(D)	223	(D)	100	1,454	(D)	(D)	(D)	716	0	710	(D)
Printing and publishing	6,426	2,250	2,900	0	500	64	(D)	1,388	(D)	(D)	(D)	(D)	(D)	30	(D)
Newspapers	840	(D)	35	0	8	0	0	27	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other	5,585	(D)	2,865	0	492	64	(D)	1,361	(D)	(D)	(D)	480	(D)	(D)	(D)
Chemicals and allied products	54,599	(D)	37,100	2,146	11,267	6,635	5,596	8,945	(D)	(D)	(D)	1,925	104	1,286	0
Industrial inorganic chemicals	4,986	(D)	3,107	(D)	275	(D)	(D)	1,442	(D)	(D)	(D)	90	(D)	(D)	0
Plastics materials and synthetics	13,981	(D)	(D)	244	3,763	583	(D)	400	(D)	0	0	(D)	0	(D)	0
Industrial organic chemicals	12,616	(D)	(D)	271	3,604	2,560	846	1,264	(D)	0	0	174	0	71	0
Drugs	9,268	(D)	7,952	(D)	(D)	460	2,797	3,328	(D)	(D)	(D)	(D)	0	189	0
Soap, cleaners, and toilet goods	5,587	(D)	5,336	(D)	1,043	(D)	891	894	(D)	0	0	(D)	(D)	(D)	0
Other	8,162	(D)	5,486	(D)	(D)	(D)	972	1,616	(D)	0	0	(D)	(D)	(D)	0
Petroleum and coal products manufacturing	26,197	(D)	18,291	1,642	(D)	(D)	0	5,952	4,680	(D)	0	(D)	0	(D)	0
Rubber and miscellaneous plastics products	8,319	1,758	5,049	1,064	1,414	353	129	1,676	(D)	(D)	(D)	(D)	(D)	974	0
Stone, clay, and glass products	9,275	494	6,540	1,227	625	160	696	3,421	(D)	(D)	(D)	1,553	337	759	0
Primary metal industries	17,834	3,576	5,391	1,280	921	174	644	1,092	(D)	331	(D)	6,841	(D)	3,641	(D)
Fabricated metal products	7,305	1,716	4,297	180	1,131	189	145	2,125	(D)	0	(D)	441	134	243	(D)
Machinery, except electrical	14,289	1,089	9,922	1,791	1,944	384	620	2,674	450	(D)	70	2,696	65	2,350	(D)
Office and computing machines	3,439	58	(D)	(D)	59	236	0	331	(D)	(D)	0	1,132	0	1,103	0
Other	10,850	1,031	(D)	(D)	1,885	147	620	2,343	(D)	70	1,564	65	1,246	(D)	(D)
Electric and electronic equipment	21,438	(D)	12,834	1,598	2,512	(D)	298	3,340	288	(D)	0	5,176	(D)	4,837	(D)
Household audio and video equipment	4,137	(D)	(D)	(D)	0	(D)	0	7	0	0	0	2,715	0	2,521	0
Communications equipment	4,989	(D)	(D)	353	302	217	(D)	894	(D)	0	0	467	0	467	(D)
Electronic components and accessories	4,632	(D)	3,037	120	(D)	(D)	(D)	536	42	(D)	0	1,042	(D)	982	(D)
Other	7,680	(D)	6,520	(D)	(D)	229	1,903	(D)	(D)	(D)	0	952	(D)	867	(D)
Transportation equipment	14,679	(D)	7,103	1,551	3,092	(D)	(D)	1,500	(D)	(D)	(D)	(D)	(D)	6,843	(D)
Motor vehicles and equipment	12,890	269	5,877	(D)	3,065	0	0	811	0	(D)	0	(D)	0	6,667	0
Other transportation equipment	1,789	(D)	1,226	(D)	27	(D)	(D)	689	(D)	0	0	211	0	176	(D)
Instruments and related products	7,761	(D)	4,840	(D)	1,147	(D)	520	2,017	(D)	(D)	(D)	(D)	(D)	455	0
Other manufacturing ²	5,458	(D)	4,848	(D)	(D)	(D)	145	(D)	(D)	0	0	541	300	241	0
Administrative and auxiliary	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Wholesale trade	380,137	31,535	162,501	24,134	28,423	23,054	16,595	51,053	13,226	617	770	170,664	1,652	161,733	825
Motor vehicles and equipment	79,851	129	19,889	2,493	10,250	(D)	(D)	2,343	2,809	(D)	(D)	(D)	(D)	54,394	0
Professional and commercial equipment and supplies	17,426	1,167	6,376	1,590	1,908	710	219	1,207	(D)	(D)	(D)	9,624	(D)	9,224	0
Metals and minerals, except petroleum	27,329	3,230	6,597	692	2,780	358	103	1,193	(D)	0	0	16,236	472	15,447	(D)
Electrical goods	33,369	(D)	10,395	2,877	1,275	1,440	573	1,799	531	(D)	57	(D)	(D)	18,006	6
Machinery, equipment, and supplies	15,705	1,074	8,571	751	2,644	254	807	2,157	623	123	123	5,151	55	4,927	40
Other durable goods	49,446	(D)	25,041	1,538	1,007	(D)	(D)	19,267	1,319	(D)	37	21,228	119	20,513	(D)
Groceries and related products	24,466	2,603	17,931	1,163	(D)	1,458	(D)	6,796	1,007	(D)	(D)	2,757	(D)	2,031	(D)
Farm-product raw materials	18,530	(D)	11,829	(D)	0	173	(D)	(D)	(D)	0	0	(D)	(D)	6,145	0
Other nondurable goods	114,016	(D)	55,871	(D)	(D)	18,234	7,283	(D)	6,380	21	(D)	33,536	688	31,046	(D)
Administrative and auxiliary	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Retail trade	54,022	12,086	37,928	2,262	11,753	7,451	1,029	9,097	1,529	16	1,236	2,197	709	517	(D)
General merchandise stores	8,903	(D)	4,544	0	224	(D)	(D)	(D)	920	(D)	(D)	(D)	(D)	(D)	0
Food stores	23,941	3,333	20,104	1,161	(D)	(D)	0	(D)	(D)	0	0	(D)	(D)	34	(D)
Apparel and accessory stores	5,216	1,938	2,903	32	101	(D)	(D)	1,465	(D)	(D)	(D)	(D)	(D)	44	(D)
Other retail trade, including administrative and auxiliary	15,962	(D)	10,376	1,068	(D)	(D)	(D)	(D)	517	(D)	71	782	104	(D)	(D)
Services	16,302	1,416	8,849	969	1,063	470	1,763	3,773	1,274	(D)	1,236	3,258	1,150	1,603	(D)
Hotels and other lodging places	2,115	65	(D)	95	7	94	(D)	(D)	33	0	136	(D)	(D)	671	67
Business services	6,529	348	4,263	485	289	236	900	1,958	972	(D)	(D)	686	202	427	(D)
Computer and data processing services	2,136	115	1,601	295	260	187	(D)	386	158	(D)	(D)	(D)	(D)	92	(D)
Other business services	4,393	233	2,662	190	29	49	(D)	1,572	814	(D)	(D)	(D)	(D)	335	(D)
Motion pictures, amusement services, and museums	1,535	390	201	(D)	(D)	(D)	(D)	98	(D)	0	(D)	(D)	(D)	32	(D)
Engineering, architectural, and surveying services	1,945	158	911	166	223	(D)	27	382	83	(D)	(D)	(D)	(D)	56	(D)
Accounting, auditing, and bookkeeping	16	(D)	0	0	0	(D)	0	2	(D)	0	0	0	0	0	0
Research and testing services	567	27	433	(D)	19	33	(D)	116	(D)	0	0	(D)	(D)	68	(D)
Management and public relations	760	(D)	598	(D)	68	80	(D)	367	11	7	41	75	4	56	(D)
Health services	1,327	375	(D)	(D)	391	0	(D)	14	(D)	0	(D)	(D)	(D)	(D)	(D)
Other services	1,503	33	809	(D)	(D)	(D)	45	438	(D)	0	(D)	(D)	34	(D)	(D)
Administrative and auxiliary	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Public education and noncommercial establishments	13	0	(D)	(D)	(D)	0	(D)	(D)	(D)	0	0	(D)	(D)	(D)	0
Unclassified establishments	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

^D Suppressed to avoid disclosure of data of individual companies.

n.a. Not available.

1. Includes "land subdividers and developers, except cemeteries" (SIC 6552).

2. Consists of the following SIC two-digit industries: Tobacco products, leather and leather products, and miscellaneous manufacturing industries.

NOTE.—In this table, unlike in most BEA tables published elsewhere on direct investment, petroleum is not shown as a separate major industry. Instead, in order to be consistent with Census Bureau practice, data for the various petroleum subindustries are distributed among the other major industries. Thus, manufacturing includes petroleum and coal products, wholesale trade includes petroleum wholesale trade, retail trade includes gasoline service stations, and so on.

Table 7.—Employment of U.S. Affiliates and All U.S. Businesses, State by Industry of Establishment, 1987

	All industries			Mining			Construction ¹			Manufacturing			Transportation and public utilities ²		
	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³
Total	3,228,896	87,396,607	4	97,622	698,100	14	51,422	5,054,367	1	1,311,398	18,950,300	7	94,284	5,102,987	2
Alabama	35,421	1,198,557	3	E	11,100	2-4	C	84,812	(*)	24,172	347,300	7	286	74,258	(*)
Alaska	6,410	138,290	5	2,008	7,400	27	B	12,764	0-1	2,089	11,100	19	E	16,148	2-3
Arizona	49,532	1,137,479	4	G	12,800	8-20	344	97,854	(*)	12,129	184,100	7	I	62,146	8-16
Arkansas	20,441	668,585	3	222	4,000	6	0	30,434	0	12,281	205,500	6	312	45,994	1
California	375,741	10,086,198	4	6,319	44,100	14	6,432	598,320	1	129,308	2,104,300	6	14,022	608,642	2
Colorado	32,596	1,168,657	3	2,938	21,700	14	2,253	79,961	3	9,205	183,800	5	629	85,640	1
Connecticut	56,028	1,467,926	4	F	1,500	33-67	E	89,494	0-1	25,850	388,900	7	2,109	72,386	3
Delaware	35,191	273,642	13	A	500	0-4	C	19,728	1-1	K	66,600	38-75	336	13,119	3
District of Columbia	8,179	396,808	2	B	200	10-50	E	11,222	2-4	151	17,000	1	441	21,502	2
Florida	108,045	4,085,245	3	782	9,600	8	2,480	329,877	1	29,494	499,300	6	3,508	247,656	1
Georgia	114,141	2,292,064	5	G	8,100	12-31	1,476	149,698	1	50,971	569,900	9	2,036	167,813	1
Hawaii	26,220	363,491	7	C	200	50-100	3,142	21,706	14	G	22,200	5-11	G	34,087	3-7
Idaho	4,499	253,334	2	F	2,400	21-42	A	13,847	(*)	1,227	52,900	2	B	15,023	0-1
Illinois	156,623	4,219,010	4	3,905	22,500	17	G	209,154	0-1	62,474	989,600	6	3,716	252,227	1
Indiana	61,789	1,934,427	3	F	7,700	6-13	E	98,408	0-1	40,699	602,000	7	942	103,641	1
Iowa	18,695	874,688	2	A	2,400	0-1	A	37,825	(*)	10,931	206,100	5	116	46,304	(*)
Kansas	17,000	811,000	2	301	12,500	2	B	46,042	(*)	5,924	189,100	3	G	54,399	2-5
Kentucky	37,620	1,053,094	4	5,209	39,500	13	B	55,761	(*)	21,945	251,600	9	521	58,292	1
Louisiana	50,857	1,179,288	4	8,576	50,700	17	2,455	76,720	3	12,131	161,400	8	1,307	89,889	1
Maine	20,933	389,457	5	A	200	0-10	A	32,706	(*)	7,527	101,600	7	260	17,724	1
Maryland	54,240	1,674,595	3	C	2,900	3-9	537	160,612	(*)	18,358	230,400	8	1,473	89,291	2
Massachusetts	91,485	2,750,697	3	B	1,800	1-6	F	143,625	0-1	35,483	591,300	6	1,426	129,965	1
Michigan	93,838	3,191,942	3	669	9,800	7	524	140,085	(*)	53,210	980,100	5	2,724	143,972	2
Minnesota	34,844	1,653,299	2	1,267	6,100	21	C	83,814	(*)	16,013	374,200	4	948	95,462	1
Mississippi	16,912	658,943	3	438	5,300	8	E	32,450	1-2	11,641	218,900	5	E	37,202	1-1
Missouri	50,166	1,863,041	3	E	5,600	4-9	H	105,191	2-5	19,837	418,800	5	2,159	136,390	2
Montana	3,046	204,176	1	1,021	5,700	18	0	10,186	0	1,053	20,100	5	A	16,412	(*)
Nebraska	7,140	513,286	1	A	1,600	0-1	A	26,566	(*)	3,801	90,700	4	B	30,204	(*)
Nevada	9,858	430,935	2	1,832	7,600	24	A	32,961	(*)	1,004	23,700	4	C	25,212	0-1
New Hampshire	18,239	437,332	4	C	500	20-50	0	37,889	0	7,936	107,900	7	B	18,646	0-1
New Jersey	178,610	3,103,657	6	F	4,200	12-24	1,499	187,617	1	75,594	690,800	11	5,468	238,045	2
New Mexico	13,964	383,908	4	1,639	14,800	11	E	29,139	1-2	2,507	34,700	7	C	24,646	0-1
New York	335,131	6,781,844	5	1,843	8,800	21	4,080	326,979	1	73,616	1,278,700	6	9,329	417,368	2
North Carolina	136,252	2,398,725	6	419	4,000	10	I	154,844	3-6	81,431	842,400	10	1,811	136,288	1
North Dakota	1,559	180,245	1	273	4,000	7	0	11,066	0	303	15,400	2	A	12,806	(*)
Ohio	129,422	3,905,031	3	4,717	19,000	25	G	181,669	1-1	64,926	1,100,200	6	3,650	197,596	2
Oklahoma	27,737	865,444	3	5,795	46,000	13	F	38,728	1-3	6,391	151,200	4	1,005	61,042	2
Oregon	24,377	883,382	3	A	1,400	0-1	C	38,504	0-1	8,784	202,900	4	1,172	56,662	2
Pennsylvania	167,399	4,264,961	4	4,024	33,400	12	G	234,314	0-1	83,579	1,037,500	8	4,339	232,311	2
Rhode Island	11,008	398,106	3	A	200	0-10	C	20,328	0-1	7,723	112,000	7	B	14,522	0-1
South Carolina	65,829	1,116,550	6	379	1,500	25	190	95,354	(*)	37,853	365,800	10	1,003	48,737	2
South Dakota	1,489	187,245	1	A	2,100	0-1	0	9,452	0	F	27,500	2-4	0	12,577	0
Tennessee	74,645	1,675,135	4	1,194	6,500	18	161	99,216	(*)	46,794	484,900	10	835	82,149	1
Texas	217,966	5,433,514	4	19,416	158,000	12	I	349,578	1-3	69,532	914,000	8	8,814	365,295	2
Utah	11,294	492,998	2	2,174	7,900	28	C	27,287	0-1	4,398	88,800	5	C	36,624	0-1
Vermont	6,230	203,511	3	C	700	14-36	0	16,630	0	G	48,500	2-5	A	9,192	(*)
Virginia	84,377	2,080,250	4	G	18,800	5-13	E	171,298	(*)	32,674	429,200	8	2,659	128,809	2
Washington	42,420	1,464,613	3	364	2,800	13	319	85,855	(*)	14,525	309,700	5	2,562	93,939	3
West Virginia	25,097	445,885	6	7,713	35,400	22	A	20,669	(*)	14,332	83,800	17	B	28,044	(*)
Wisconsin	54,964	1,726,874	3	B	1,800	1-6	B	77,419	(*)	28,827	514,000	6	1,503	91,099	2
Wyoming	3,397	122,440	3	2,163	17,100	13	B	8,952	0-1	151	7,700	2	B	10,047	0-1

See footnotes at end of table.

Table 7.—Employment of U.S. Affiliates and All U.S. Businesses, State by Industry of Establishment, 1987—Continued

	Wholesale trade			Retail trade			Finance, insurance, and real estate ¹			Services		
	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³	U.S. affiliates	All U.S. businesses	U.S. affiliates as a percentage of all U.S. businesses ³
Total	343,348	5,609,024	6	628,793	17,779,942	4	310,852	6,727,313	5	390,674	16,054,738	2
Alabama	2,014	77,559	3	3,255	249,847	1	1,059	72,539	1	4,251	189,566	2
Alaska	72	7,176	1	1,060	35,967	3	67	10,450	1	754	27,555	3
Arizona	2,843	64,687	4	12,151	260,512	5	7,694	91,179	8	6,639	243,999	3
Arkansas	573	38,940	1	H	138,671	2-4	1,820	36,972	5	F	93,960	1-1
California	58,590	684,516	9	33,937	2,022,068	2	61,841	842,732	7	65,173	2,248,466	3
Colorado	3,581	76,393	5	H	267,899	1-2	7,210	101,733	7	4,489	256,147	2
Connecticut	7,107	84,714	8	11,487	267,611	4	2,368	152,941	2	5,864	250,198	2
Delaware	886	15,526	6	1,976	56,077	4	2,915	24,474	12	2,490	46,209	5
District of Columbia	243	8,856	3	G	54,549	2-5	2,524	42,454	6	3,044	120,844	3
Florida	10,289	261,765	4	32,881	1,022,862	3	9,641	361,066	3	19,952	974,746	2
Georgia	14,385	178,235	8	20,797	486,992	4	8,657	154,607	6	13,768	414,969	3
Hawaii	1,107	20,157	5	7,069	101,969	7	1,798	33,471	5	10,529	91,673	11
Idaho	634	20,814	3	1,002	62,535	2	F	15,314	3-7	170	47,621	(*)
Illinois	25,262	319,497	8	33,836	820,197	4	9,910	375,507	3	15,901	729,655	2
Indiana	5,033	108,208	5	8,170	412,466	2	1,779	112,665	2	3,926	282,483	1
Iowa	1,728	65,941	3	4,084	203,517	2	879	69,646	1	729	131,041	1
Kansas	1,562	60,810	3	4,699	174,947	3	675	60,752	1	1,676	128,013	1
Kentucky	1,983	63,606	3	5,349	243,641	2	365	61,641	1	2,077	166,228	1
Louisiana	2,985	80,533	4	16,927	277,708	6	2,510	84,960	3	3,935	240,551	2
Maine	2,040	22,665	9	10,246	91,991	11	527	24,853	2	325	57,526	1
Maryland	4,225	99,512	4	11,541	377,862	3	11,004	141,157	8	6,910	368,662	2
Massachusetts	10,737	160,791	7	21,926	529,891	4	6,982	228,186	3	14,290	532,188	3
Michigan	8,153	179,452	5	17,309	673,265	3	G	184,447	1-1	9,510	533,061	2
Minnesota	4,010	114,343	4	4,410	347,038	1	2,546	125,622	2	5,256	294,807	2
Mississippi	797	39,936	2	1,737	140,361	1	520	40,005	1	1,073	84,293	1
Missouri	3,416	125,247	3	15,531	375,917	4	1,592	137,355	1	4,065	323,658	1
Montana	97	14,824	1	507	56,985	1	304	13,425	2	B	36,499	(*)
Nebraska	675	43,148	2	1,241	117,936	1	528	51,837	1	832	89,254	1
Nevada	563	17,627	3	1,794	81,491	2	2,709	22,850	12	1,825	205,709	1
New Hampshire	1,543	22,548	7	5,411	102,082	5	2,192	32,580	7	953	68,191	1
New Jersey	39,019	270,976	14	30,901	566,214	5	8,941	238,303	4	16,096	595,807	3
New Mexico	282	22,137	1	6,769	104,620	6	1,412	25,827	5	764	88,313	1
New York	36,964	466,027	8	72,590	1,150,448	6	95,563	839,335	11	41,196	1,292,626	3
North Carolina	6,430	140,158	5	29,263	464,862	6	H	128,635	2-4	8,229	331,402	2
North Dakota	322	17,525	2	387	48,163	1	170	13,054	1	B	27,753	(*)
Ohio	11,032	248,661	4	22,528	804,182	3	1,988	252,435	1	18,842	648,361	3
Oklahoma	3,192	54,918	6	8,601	206,897	4	F	63,306	1-2	1,617	149,370	1
Oregon	3,736	64,115	6	G	203,847	0-1	6,193	61,314	10	2,861	157,257	2
Pennsylvania	11,125	247,599	4	31,628	847,907	4	6,424	296,939	2	23,692	693,760	3
Rhode Island	635	22,284	3	1,522	76,449	2	258	27,863	1	F	60,638	1-2
South Carolina	3,479	54,551	6	16,653	237,122	7	808	62,980	1	5,464	169,535	3
South Dakota	44	15,311	(*)	245	49,324	(*)	C	14,948	1-2	B	26,538	(*)
Tennessee	7,754	115,927	7	10,910	338,168	3	2,210	104,107	2	4,775	282,908	3
Texas	25,152	396,138	6	46,057	1,174,108	4	10,519	448,209	2	31,927	1,060,911	2
Utah	970	34,180	3	1,470	108,925	1	866	33,055	3	1,163	93,897	1
Vermont	357	10,270	3	2,569	46,635	6	C	11,995	1-2	1,354	36,674	4
Virginia	6,981	115,126	6	22,125	453,325	5	8,115	140,986	6	9,115	438,728	2
Washington	4,895	102,778	5	7,753	329,204	2	5,573	112,299	5	6,308	277,118	2
West Virginia	541	24,217	2	1,504	109,220	1	B	23,500	(*)	907	67,281	1
Wisconsin	3,128	101,731	3	14,981	372,205	4	2,336	113,158	2	3,985	265,298	2
Wyoming	177	6,369	3	252	33,263	1	E	7,645	3-7	225	21,791	1

* Less than 0.5 percent.

1. Includes "land subdividers and developers, except cemeteries" (SIC 6552).

2. Excludes railroads.

3. A range is shown in this column if the column for employment of U.S. affiliates in the same industry and State contains an employment size range. The minimum value for the range was computed by dividing the minimum value of the size range for employment of U.S. affiliates by the employment of all U.S. businesses in the same industry and State. Similarly, the maximum value for the range was computed by dividing the maximum value for employment of U.S. affiliates by the employment of all U.S. businesses in the same industry and State.

NOTE.—Size ranges are given in employment cells that are suppressed. The size ranges are: A—0 to 19; B—20 to 99; C—100 to 249; E—250 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999; L—50,000 to 99,999; M—100,000 or more.

In this table, unlike in most BEA tables published elsewhere on direct investment, petroleum is not shown as a separate major industry. Instead, in order to be consistent with Census Bureau practice, data for the various petroleum subindustries are distributed among the other major industries. Thus, manufacturing includes petroleum and coal products, wholesale trade includes petroleum wholesale trade, retail trade includes gasoline service stations, and so on.