

U.S. Multinational Companies

Operations in 2003

By Raymond J. Mataloni Jr.

THE worldwide value added by nonbank U.S. multinational companies (MNCs) increased in 2003 after declining in 2001 and 2002, according to the preliminary results from the annual survey of U.S. direct investment abroad conducted by the Bureau of Economic Analysis (BEA). The worldwide value added by MNCs—the combined value added of U.S. parent companies and their majority-owned foreign affiliates (“foreign affiliates”)—increased 9.3 percent in 2003 (table 1). The value added by parents increased 6.7 percent, and the value added by their foreign affiliates increased 17.1 percent.

In contrast, two key measures of the inputs to MNC production decreased—employment and capital expenditures. Employment by MNCs decreased 1.0 percent, reflecting a decrease in employment by U.S. parents that was partly offset by an increase in the employment by their foreign affiliates; the employment by parents decreased 1.9 percent, but the employment by their foreign affiliates increased 1.3 percent. Capital expenditures by MNCs exhibited a similar pattern: Total MNC capital expenditures decreased 1.6 percent, expenditures by U.S. parents decreased 3.5 percent, and expenditures by their foreign affiliates increased 4.3 percent.

The growth in the value added by U.S. MNCs in 2003 reflected both growth in real output by MNCs and the effects of changes in prices, such as changes in the foreign-currency price of the dollar. It also reflected the continued expansion in worldwide economic activity: Worldwide real gross domestic product (GDP) grew at an estimated 2.8 percent in 2003, up from 1.8 percent in 2002 and 1.4 percent in 2001.¹ As a result of this pickup in worldwide economic activity, the demand for the goods and services that U.S. MNCs produce rose. Growth in the value added by MNCs—which is measured in current dollars—was also boosted by changes in exchange rates and by other price changes. The values of the currencies of some of the major host countries of foreign affiliates increased

at double-digit rates against the U.S. dollar in 2003, and when the foreign currency appreciates against the dollar, each monetary unit translates into more U.S. currency.² In the euro area countries, which together accounted for about a third of the value added by foreign affiliates, the euro appreciated 17 percent, on average, against the U.S. dollar in 2003. In addition, MNC value added was significantly affected by price changes in internationally traded commodities, particularly for MNCs involved in the integrated extraction, refining, and marketing of crude oil, whose price rose 18 percent in 2003.³

Increases in MNC value added were widespread by industry and by region. By industry, some of the sharpest increases were in petroleum industries, such as crude oil and gas extraction and petroleum and coal products manufacturing, and in finance and insurance. By area, the strongest increases were in Africa (particularly in petroleum-producing countries) and in Latin America and Other Western Hemisphere; the weakest increases were in the United States and the Middle East (chart 1). The following are additional highlights of MNC operations in 2003:

- Worldwide value added, capital expenditures, and employment by U.S. MNCs remained concentrated in the United States, but by some measures, the location of operations have changed over time. In 2003, the U.S.-parent share of worldwide MNC value added was 74 percent, down slightly from 75 percent in 1977; the parent share of capital expenditures was 74 percent, down from 79 percent; and the parent share of employment was 72 percent, down from 78 percent.
- U.S. MNCs continued to account for a large share of the U.S. trade in goods in 2003. U.S. parents or their

2. The appreciation of the foreign currency tends to raise the estimates of the value added by foreign affiliates because affiliates generally keep their financial statements in the currency of the foreign host country and translate their revenue and expense data to U.S. dollars using average market exchange rates when reporting the data to BEA.

3. Crude oil prices are from the U.S. Department of Energy, Energy Information Administration, *Petroleum Marketing Monthly*, “Summary Statistics, Table 1. Crude Oil Prices” (May 2005).

1. The estimates of the growth in worldwide GDP are from the World Bank Web site at <www.worldbank.org/data>.

Table 1. Selected Data for Nonbank U.S. MNCs, U.S. Parents, and Foreign Affiliates, 1982–2003

	U.S. MNCs			Affiliates		
	Parents and all affiliates	Parents and MOFAs	Parents	Total	MOFAs	Other
Value added						
Millions of dollars						
1982	n.a.	1,019,734	796,017	n.a.	223,717	n.a.
1983	n.a.	n.a.	n.a.	n.a.	216,683	n.a.
1984	n.a.	n.a.	n.a.	n.a.	220,331	n.a.
1985	n.a.	n.a.	n.a.	n.a.	220,074	n.a.
1986	n.a.	n.a.	n.a.	n.a.	231,644	n.a.
1987	n.a.	n.a.	n.a.	n.a.	269,734	n.a.
1988	n.a.	n.a.	n.a.	n.a.	297,556	n.a.
1989	n.a.	1,364,878	1,044,884	n.a.	319,994	n.a.
1990	n.a.	n.a.	n.a.	n.a.	356,033	n.a.
1991	n.a.	n.a.	n.a.	n.a.	355,963	n.a.
1992	n.a.	n.a.	n.a.	n.a.	361,524	n.a.
1993	n.a.	n.a.	n.a.	n.a.	359,179	n.a.
1994	n.a.	1,717,488	1,313,792	n.a.	403,696	n.a.
1995	n.a.	1,831,046	1,365,470	n.a.	465,576	n.a.
1996	n.a.	1,978,948	1,480,638	n.a.	498,310	n.a.
1997	n.a.	2,094,318	1,573,451	n.a.	520,867	n.a.
1998	n.a.	2,100,773	1,594,504	n.a.	506,269	n.a.
1999 ¹	n.a.	2,480,739	1,914,343	n.a.	566,396	n.a.
2000	n.a.	2,748,106	2,141,480	n.a.	606,626	n.a.
2001	n.a.	2,478,056	1,892,399	n.a.	585,657	n.a.
2002 ^r	n.a.	2,460,411	1,858,805	n.a.	601,606	n.a.
2003 ^p	n.a.	2,688,123	1,983,470	n.a.	704,653	n.a.
Percent change at annual rates:						
1994–2002	n.a.	4.6	4.4	n.a.	5.1	n.a.
2002–2003	n.a.	9.3	6.7	n.a.	17.1	n.a.
Number of employees						
Thousands						
1982	25,344.8	23,727.0	18,704.6	6,640.2	5,022.4	1,617.8
1983	24,782.6	23,253.1	18,399.5	6,383.1	4,853.6	1,529.5
1984	24,548.4	22,972.6	18,130.9	6,417.5	4,841.7	1,575.8
1985	24,531.9	22,923.0	18,112.6	6,419.3	4,810.4	1,608.9
1986	24,082.0	22,543.1	17,831.8	6,250.2	4,711.3	1,538.9
1987	24,255.4	22,650.0	17,985.8	6,269.6	4,664.2	1,605.4
1988	24,141.1	22,498.1	17,737.6	6,403.5	4,760.5	1,643.0
1989	25,387.5	23,879.4	18,765.4	6,622.1	5,114.0	1,508.1
1990	25,263.6	23,785.7	18,429.7	6,833.9	5,356.0	1,477.9
1991	24,837.1	23,345.4	17,958.9	6,878.2	5,386.5	1,491.7
1992	24,189.7	22,812.0	17,529.6	6,660.1	5,282.4	1,377.7
1993	24,221.5	22,760.2	17,536.9	6,684.6	5,223.3	1,461.3
1994	25,670.0	24,272.5	18,565.4	7,104.6	5,707.1	1,397.5
1995	25,921.1	24,499.7	18,576.2	7,344.9	5,923.5	1,421.4
1996	26,334.0	24,867.0	18,790.0	7,544.0	6,077.0	1,467.0
1997	27,851.0	26,358.0	19,878.0	7,973.0	6,480.0	1,493.0
1998	28,003.6	26,592.9	19,819.8	8,183.8	6,773.1	1,410.7
1999 ¹	32,227.0	30,772.6	23,006.8	9,220.2	7,765.8	1,454.4
2000	33,598.2	32,056.6	23,885.2	9,713.0	8,171.4	1,541.6
2001	32,538.7	30,929.2	22,735.1	9,803.6	8,194.1	1,609.5
2002 ^r	31,893.6	30,373.2	22,117.6	9,776.0	8,255.6	1,520.4
2003 ^p	31,580.0	30,065.0	21,701.1	9,878.9	8,363.9	1,515.0
Percent change at annual rates:						
1994–2002	2.8	2.8	2.2	4.1	4.7	1.1
2002–2003	-1.0	-1.0	-1.9	1.1	1.3	-0.4
Capital expenditures						
Millions of dollars						
1982	248,262	233,078	188,266	59,996	44,812	15,184
1983	n.a.	197,534	160,656	n.a.	36,878	n.a.
1984	n.a.	203,791	168,692	n.a.	35,099	n.a.
1985	n.a.	221,509	185,027	n.a.	36,482	n.a.
1986	n.a.	203,809	169,131	n.a.	34,678	n.a.
1987	n.a.	199,171	162,139	n.a.	37,032	n.a.
1988	n.a.	223,814	177,203	n.a.	46,611	n.a.
1989	276,790	260,488	201,808	74,982	58,680	16,302
1990	n.a.	274,614	213,079	n.a.	61,535	n.a.
1991	n.a.	269,221	206,290	n.a.	62,931	n.a.
1992	n.a.	272,049	208,834	n.a.	63,215	n.a.
1993	n.a.	271,661	207,437	n.a.	64,224	n.a.
1994	328,240	303,364	231,917	96,323	71,447	24,876
1995	n.a.	323,616	248,017	n.a.	75,599	n.a.
1996	n.a.	340,510	260,048	n.a.	80,462	n.a.
1997	n.a.	398,037	309,247	n.a.	88,790	n.a.
1998	n.a.	411,155	317,184	n.a.	93,971	n.a.
1999 ¹	514,038	483,032	369,728	144,310	113,304	31,006
2000	n.a.	506,950	396,313	n.a.	110,637	n.a.
2001	n.a.	524,215	413,457	n.a.	110,758	n.a.
2002 ^r	n.a.	443,388	333,113	n.a.	110,275	n.a.
2003 ^p	n.a.	436,405	321,432	n.a.	114,973	n.a.
Percent change at annual rates:						
1994–2002	n.a.	4.9	4.6	n.a.	5.6	n.a.
2002–2003	n.a.	-1.6	-3.5	n.a.	4.3	n.a.

^p Preliminary.

^r Revised.

n.a. Not available.

1. Break in series. (For details, see the technical

note on page 121 of the December 2002 SURVEY OF CURRENT BUSINESS.)

MNCs Multinational companies.

MOFAs Majority-owned foreign affiliates.

foreign affiliates accounted for 57 percent, or \$412.0 billion, of total U.S. exports of goods. U.S. MNCs accounted for 37 percent, or \$463.3 billion, of total U.S. imports of goods.

- The majority of foreign affiliates continued to be hosted in high-income countries. In 2003, affiliates in these countries accounted for 81 percent of the value added by all affiliates and for 82 percent of the value added by affiliates that were newly acquired or established during that year.
- Value added by foreign affiliates of U.S. MNCs as a share of host-country GDP generally ranged from 1.5 to 5.0 percent; in only a few cases did it account for a significantly larger share. Affiliates in Ireland accounted for 18 percent, the largest share of GDP. Foreign affiliates of U.S. MNCs also sometimes accounted for large shares of the total value added by all foreign-owned companies in the host country. In Australia, for example, foreign affiliates of U.S. MNCs accounted for a 5.3-percent share of GDP in 2000, almost half of the value added by all foreign-owned companies in Australia.

The following aspects of U.S.-MNC operations in 2003 are examined in this article: Changes in the worldwide operations of U.S. MNCs, changes in the operations of U.S. parents, and changes in the operations of their foreign affiliates. It then examines the trends in the estimates of key measures of U.S.-MNC operations and revisions to these estimates.

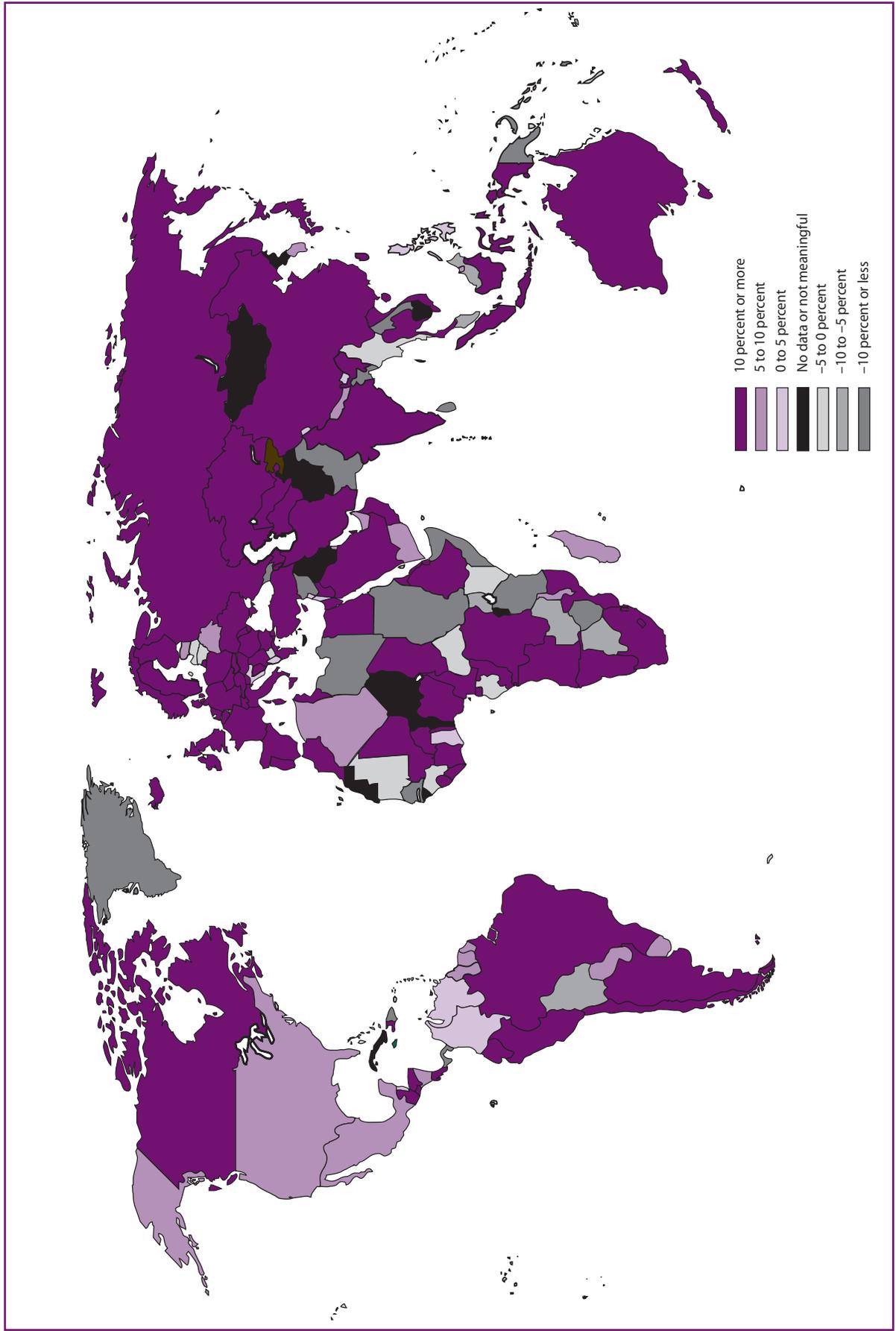
Worldwide Operations of U.S. MNCs

Three aspects of the worldwide operations of U.S. MNCs are examined here: The changes in value added, the changes in employment, and the changes in U.S. trade in goods.

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Chart 1. Percent Change in the Value Added of Nonbank U.S. Multinational Companies by Country, 2003



Value added

The current-dollar value added by U.S. MNCs increased 9.3 percent in 2003, to \$2,688.1 billion. The current-dollar value added by U.S. parents increased 6.7 percent, to \$1,983.5 billion, and the current-dollar

value added by foreign affiliates increased 17.1 percent, to \$704.7 billion.

The available evidence on changes in prices and in exchange rates suggests that in real terms, the value added by U.S. parents increased significantly and real

Key Terms

The following key terms are used to describe U.S. multinational companies (MNCs) and their operations.¹

U.S. MNCs

U.S. multinational company (MNC). The U.S. parent and its foreign affiliates. (In this article, an MNC is usually defined as the U.S. parent and its majority-owned foreign affiliates.)

U.S. parent. A person, resident in the United States, that owns or controls 10 percent or more of the voting securities, or the equivalent, of a foreign business enterprise. "Person" is broadly defined to include any individual, branch, partnership, associated group, association, estate, trust, corporation, or other organization (whether or not organized under the laws of any state), or any government entity. If incorporated, the U.S. parent is the fully consolidated U.S. enterprise consisting of (1) the U.S. corporation whose voting securities are not owned more than 50 percent by another U.S. corporation and (2) proceeding down each ownership chain from that U.S. corporation, any U.S. corporation whose voting securities are more than 50 percent owned by the U.S. corporation above it. A U.S. parent comprises the domestic operations of a U.S. MNC, covering operations in the 50 states, the District of Columbia, the Commonwealth of Puerto Rico, and all other U.S. areas.

U.S. direct investment abroad (USDIA). The ownership or control, directly or indirectly, by one U.S. person of 10 percent or more of the voting securities of an incorporated foreign business enterprise or the equivalent interest in an unincorporated business enterprise.

Foreign affiliate. A foreign business enterprise in which there is U.S. direct investment, that is, in which a U.S. person owns or controls (directly or indirectly) 10 percent or more of the voting securities or the equivalent. Foreign affiliates comprise the foreign operations of a U.S. MNC over which the parent is presumed to have a degree of managerial influence.

This article focuses on the operations of majority-owned foreign affiliates; for these affiliates, the combined ownership of all U.S. parents exceeds 50 percent. In 2003,

these affiliates accounted for 85 percent of the employment of all foreign affiliates of U.S. MNCs, up from 77 percent in 1989.

Measures of operations

Value added. The portion of the goods and services sold or added to inventory or fixed investment by a firm that reflects the production of the firm itself. It represents the firm's contribution to host-country gross domestic product, which is the value of goods and services produced by labor and property located in that country. Compared with sales, value added is a preferable measure of production because it indicates the extent to which a firm's sales result from their own production rather than from production that originates elsewhere, whereas sales data do not distinguish between these two sources of production. Value added can be measured as gross output minus intermediate inputs; alternatively, it can be measured as the sum of the costs incurred (except for intermediate inputs) and the profits earned in production. The value-added estimates were prepared by summing the cost and profits data collected in the annual and benchmark surveys of USDIA.²

Capital expenditures. Expenditures made to acquire, to add to, or to improve property, plant, and equipment (PP&E). PP&E includes land, timber, mineral and like-rights owned; structures, machinery, equipment, special tools, and other depreciable property; construction in progress; and tangible and intangible exploration and development costs. It excludes the changes in PP&E that are due to changes in the entity—such as mergers, acquisitions, and divestitures—or that are due to changes in accounting methods. Capital expenditures are measured on a gross basis; sales and other dispositions of fixed assets are not netted against them.

Employment. The number of full-time and part-time employees on the payroll at yearend. If the employment of a parent or an affiliate was unusually high or low because of temporary factors (such as a strike) or large seasonal variations, the number that reflected normal operations or an average for the year was requested.

1. For a comprehensive discussion of the terms and the concepts used, see Raymond J. Mataloni Jr., "A Guide to BEA Statistics on U.S. Multinational Companies," *SURVEY* 75 (March 1995): 38–55.

2. For the derivation of the current-dollar value-added estimates, see Raymond J. Mataloni Jr. and Lee Goldberg, "Gross Product of U.S. Multinational Companies, 1977–91," *SURVEY* 74 (February 1994): 57.

value added by foreign affiliates probably also increased. For U.S. parents, the increase in current-dollar value added substantially exceeded the 2.4-percent rate of U.S. price inflation (as measured by the implicit price deflator for GDP of all private industries). For foreign affiliates, the 17.1-percent increase far exceeded the 2.5-percent average rate of inflation in the host countries of the affiliates.⁴ However, this average rate of inflation may have been exceeded by the 2003 price inflation for the goods and services produced by foreign affiliates, given the relatively large share—20 percent—of petroleum industries in the production by foreign affiliates of U.S. MNCs (the share of all U.S. companies in petroleum industries is only 1 percent) and given the sharp increase in petroleum prices. In addition to changes in prices, the U.S.-dollar measure of value added by foreign affiliates was likely boosted by the pronounced appreciation of major foreign currencies against the dollar.⁵

4. The rate of inflation in the euro area countries and in 15 other major host countries averaged 2.5 percent. (Together, these countries accounted for 84 percent of total value added by foreign affiliates in 2003.) The average inflation rate in these countries was derived as a weighted average (in terms of foreign-affiliate value added) from data on GDP implicit price deflators from the World Bank Web site.

5. As noted earlier, the euro appreciated 17 percent against the dollar in 2003.

Employment

In 2003, employment by U.S. MNCs decreased 1.0 percent to 30.1 million workers. The employment by U.S. parents decreased 1.9 percent to 21.7 million; the decrease was concentrated in manufacturing (mainly in machinery and in computers and electronic products) and in “other” industries (mainly retail trade), and it reflected U.S. employment trends in these industries.

The employment by foreign affiliates increased 1.3 percent to 8.4 million. By area, the largest increases were in Asia and Pacific and in Europe. By industry, the largest increases were in “other industries” (mainly business services) and in wholesale trade.

U.S. trade in goods

In 2003, U.S. exports of goods that involved U.S. parents or their majority-owned or minority-owned foreign affiliates—MNC-associated exports—increased 4.2 percent, to \$412.0 billion, after a 5.6-percent decrease in 2002 (table 2). These changes coincided with similar changes in the exports of goods by all U.S. businesses; as a result, the MNC share of total U.S. exports of goods was unchanged at 57 percent in 2003 and in 2002.

The increase in MNC-associated exports of goods in 2003 reflected increases in both trade between U.S.

Table 2. U.S. Trade in Goods Associated With Nonbank U.S. MNCs, Selected Years

[Millions of dollars]

	1994	1999	2000	2001	2002	2003
MNC-associated U.S. exports, total	344,504	435,192	448,807	419,014	395,502	412,018
Intra-MNC trade.....	136,128	162,503	182,719	170,177	150,602	156,918
Shipped by U.S. parents to their MOFAs.....	132,694	158,575	175,234	163,743	145,917	150,864
Shipped by U.S. parents to their other foreign affiliates ¹	3,434	3,928	7,485	6,434	4,685	6,054
MNC trade with others.....	208,376	272,689	266,088	248,837	244,900	255,100
Shipped by U.S. parents to foreigners other than their own affiliates.....	185,050	238,693	238,717	221,048	216,957	225,863
Of which:						
Shipped by U.S. parents to their foreign parent groups ²	18,207	26,140	30,685	29,764	30,851	32,828
Shipped to foreign affiliates by U.S. persons other than their own parents.....	23,326	33,996	27,371	27,789	27,943	29,237
To MOFAs.....	20,774	31,973	27,371	26,878	24,819	26,568
To other foreign affiliates ³	2,552	2,023	n.a.	911	3,124	2,669
MNC-associated U.S. imports, total	256,820	388,480	446,016	437,132	433,290	463,287
Intra-MNC trade.....	113,415	164,449	191,150	182,177	182,024	191,885
Shipped by MOFAs to their U.S. parents.....	107,203	158,958	182,555	172,597	170,444	180,806
Shipped by other foreign affiliates to their U.S. parents ¹	6,212	5,491	8,595	9,580	11,580	11,079
MNC trade with others.....	143,405	224,032	254,866	254,955	251,266	271,402
Shipped to U.S. parents by foreigners other than their own affiliates.....	122,638	193,969	220,627	220,234	217,447	231,672
Of which:						
Shipped to U.S. parents by their foreign parent groups ²	43,243	78,002	91,529	91,388	92,092	97,082
Shipped to foreign affiliates by U.S. persons other than their own parents.....	20,767	30,063	34,239	34,721	33,819	39,730
By MOFAs.....	15,161	23,288	29,357	27,823	26,689	29,923
By other foreign affiliates ³	5,606	6,775	4,882	6,898	7,130	9,807
Addenda:						
All U.S. exports of goods.....	512,626	695,797	781,918	729,100	693,103	724,771
U.S.-MNC-associated U.S. exports as a percentage of total.....	67	63	57	58	57	57
Intra-U.S.-MNC exports as a percentage of total.....	27	23	23	23	22	22
All U.S. imports of goods.....	663,256	1,024,618	1,218,022	1,140,999	1,161,366	1,257,121
U.S.-MNC-associated U.S. imports as a percentage of total.....	39	38	37	38	37	37
Intra-U.S.-MNC imports as a percentage of total.....	17	16	16	16	16	15

n.a. Not available.

1. Not reported separately except in benchmark years (years ending in 4 or 9). For nonbenchmark years, this number is calculated as total exports (imports) between U.S. parents and all of their foreign affiliates (as reported by U.S. parents) less exports (imports) between U.S. parents and MOFAs (as reported by MOFAs).

2. Pertains to U.S. parents that are, in turn, owned 10 percent or more by a foreign person. The foreign parent group consists of (1) the foreign parent of the U.S. parent, (2) any foreign person, proceeding up the foreign parent's ownership chain, that owns more than 50 percent of the person below it, and (3) any foreign person, proceeding down the ownership chain(s) of each of these members, that is owned more than 50

percent by the person above it.

3. Not reported separately except in benchmark years (years ending in 4 or 9). For nonbenchmark years, this number is calculated as total exports (imports) associated with “other” (that is, minority-owned and 50-percent-owned) foreign affiliates (as reported by affiliates) less the estimate of exports (imports) between U.S. parents and “other” foreign affiliates that are calculated as described in footnote 1. However, these estimates may be imprecise because of differences in the coverage of the data reported by U.S. parents and foreign affiliates. No estimate of exports is available for 2000, because the differences were especially large that year.

MNCs Multinational companies.

MOFAs Majority-owned foreign affiliates.

parents and their foreign affiliates and trade between U.S. MNCs and others.⁶ Both exports by U.S. parents to their foreign affiliates and U.S. exports between U.S. MNCs and others increased 4.2 percent. By area, the largest increase in intra-MNC exports was to affiliates in Europe, especially Belgium, Sweden, and the United Kingdom. By industry, the largest increase in U.S. exports between U.S. MNCs and others was by parents in manufacturing, especially food and chemical manufacturing. The increase in food exports reflected the rising exports of grain products, and the increase in chemicals exports reflected the rising exports of pharmaceutical products.

MNC-associated imports of goods increased 6.9 percent, to \$463.3 billion, after a 0.9-percent decrease in 2002. The 2003 change coincided with a similar change in the imports of goods by all U.S. businesses; as a result, the MNC share of total U.S. imports of goods was unchanged at 37 percent.

The increase in MNC-associated imports of goods

6. U.S.-MNC-associated U.S. trade in goods may be disaggregated into two broad categories: (1) Intra-MNC trade, trade between U.S. parents and their foreign affiliates, and (2) MNC trade with others, trade between U.S. parents and foreigners other than their foreign affiliates and trade between foreign affiliates and U.S. persons other than their U.S. parents.

BEA's data on intra-MNC trade are distinct from a similar data series on related-party trade from the Census Bureau. Unlike BEA's data on intra-MNC trade, which are from surveys of MNC operations, the Census Bureau data are based on checkoff questions on declarations of exports and imports. For exports, the definition of "related party" in the Census series is based on an ownership share of at least 10 percent, which is consistent with the definition of direct investment used in BEA's surveys; however, for imports, the Census definition is based on a 6-percent ownership share. In addition, the data on related-party trade, unlike BEA's data, do not distinguish the trade between U.S. and foreign units of U.S. MNCs from the trade between U.S. and foreign units of foreign MNCs; however, they do provide extensive product detail that is unavailable in the BEA data. For additional information on BEA's data, see William J. Zeile, "Trade in Goods Within Multinational Companies: Survey-Based Data and Findings for the United States of America" (paper presented at the Organisation for Economic Co-Operation and Development Committee on Industry and Business Environment, Working Party on Statistics, Session on Globalisation, Paris, France, November 3-4, 2003); <www.bea.gov/bea/papers.htm>.

Data Availability

The final estimates of the worldwide operations of U.S. multinational companies (MNCs) for 2002 and the preliminary estimates for 2003 are presented in this article. The estimates are based on the 2002 and 2003 Annual Surveys of U.S. Direct Investment Abroad. More detailed estimates from the surveys will be posted on BEA's Web site later this year.

The final estimates of U.S.-MNC operations for 1977 and for 1982-2001 are available in publications or in files that can be downloaded for free from our Web site at <www.bea.gov>.

More detailed estimates from the surveys are available on BEA's Web site.

reflected increases in both imports shipped by foreign affiliates to their U.S. parents and U.S.-MNC trade with others. Imports shipped by foreign affiliates to their U.S. parents increased 5.4 percent. The largest increases in intra-MNC imports were from affiliates in Europe and in Asia, mainly reflecting increases in imports from European affiliates in pharmaceutical manufacturing and in imports from Asian affiliates in electronics manufacturing. The largest increase in U.S. imports between U.S. MNCs and others was in manufacturing, particularly petroleum manufacturing, partly as a result of both the continued growth in demand for petroleum and a commensurate rise in oil prices.

U.S. Parents' Operations

The changes in the value added by U.S. parent companies by industry in 2003 are examined here.

Value added

Current-dollar value added by U.S. parents increased 6.7 percent in 2003, to \$1,983.5 billion, after decreasing 1.8 percent in 2002. The upturn was largely attributable to the increase in output from ongoing operations. The increase was partly offset by a decrease related to changes in the composition of the U.S. MNC universe as a result of U.S. companies leaving the MNC universe by selling or liquidating their last foreign affiliate or entering the MNC universe by acquiring or establishing their first foreign affiliate (table 3).

By industry, the upturn in value added by U.S. parents was due to substantial increases in the value added by U.S. parents in mining, in finance and insurance, and in utilities (table 4).⁷ In mining, value added

7. The estimates in this article are classified by industry using BEA's International Survey Industry (ISI) classification system that is based on the 1997 North American Industry Classification System (NAICS). Beginning with the results of the 2004 benchmark survey of U.S. direct investment abroad, the estimates will be classified by an ISI system that is based on the 2002 revision of NAICS.

Table 3. Sources of Change in the Value Added of Nonbank U.S. Parents, 2002-2003

(Millions of dollars)

1	2002 level.....	1,858,805
2	Total change	124,665
3	New parents ¹	223
4	Changes in existing operations ²	121,482
5	Parents departing the universe ³	-2,286
6	Other changes ⁴	5,246
7	2003 level.....	1,983,470

1. Parents that established or acquired their first foreign affiliate in 2003.

2. Consists of changes in existing operations and changes resulting from parents acquiring, establishing, selling, or liquidating parts of their consolidated operations. BEA generally requires survey respondents to fully consolidate their U.S.-parent operations.

3. Parents that sold or liquidated their last foreign affiliate and those that went out of business in 2003.

4. Equals the change in the value added of parents not accounted for in lines 3-5, such as changes resulting from the addition to the survey universe of parents that were required to report in earlier years but did not. Line 6 will also capture any measurement error in the items on the other lines, because it is calculated as the difference between line 2 and the sum of lines 3, 4, and 5.

increased \$7.3 billion (or 31 percent); the increase was concentrated in oil and gas extraction and partly reflected a rise in world demand for petroleum products and a commensurate rise in prices. In finance and insurance, value added increased \$19.6 billion (or 15 percent); the increase was concentrated in insurance. In utilities, value added increased \$9.0 billion (or 12 percent); the increase was concentrated among diversified energy companies with operations in oil and gas marketing.

Table 4. Value Added of Nonbank U.S. Parents by Major Industry, 2002 and 2003
[Millions of dollars]

	2002	2003	Change	Percent change
All industries	1,858,805	1,983,470	124,665	6.7
Mining.....	23,444	30,760	7,316	31.2
Utilities.....	78,468	87,500	9,032	11.5
Manufacturing.....	832,703	866,367	33,664	4.0
Food.....	58,142	60,333	2,191	3.8
Beverages and tobacco products.....	45,330	41,430	-3,900	-8.6
Textiles, apparel, and leather products.....	10,607	10,176	-431	-4.1
Wood products.....	7,172	7,943	771	10.8
Paper.....	33,575	34,983	1,408	4.2
Printing and related support activities.....	12,108	12,984	876	7.2
Petroleum and coal products.....	74,343	94,668	20,325	27.3
Chemicals.....	143,410	137,763	-5,647	-3.9
Plastics and rubber products.....	21,523	22,391	868	4.0
Nonmetallic mineral products.....	10,031	14,217	4,186	41.7
Primary and fabricated metals.....	41,655	45,391	3,736	9.0
Machinery.....	69,880	71,840	1,960	2.8
Computers and electronic products.....	99,992	111,478	11,486	11.5
Electrical equipment, appliances, and components.....	25,316	23,956	-1,360	-5.4
Transportation equipment.....	147,748	144,085	-3,663	-2.5
Furniture and related products.....	8,236	8,620	384	4.7
Miscellaneous manufacturing.....	23,636	24,109	473	2.0
Wholesale trade.....	83,926	93,822	9,896	11.8
Information.....	236,717	263,264	26,547	11.2
Finance (except depository institutions) and insurance.....	135,456	155,078	19,622	14.5
Professional, scientific, and technical services.....	98,604	101,753	3,149	3.2
Other industries.....	369,488	384,927	15,439	4.2

Operations of Foreign Affiliates

Three aspects of the operations of foreign affiliates are examined here: Changes in value added, the distribution by country and by industry of newly acquired or established affiliates, and the affiliates' shares of host country GDP.

Value added

The current-dollar value added by foreign affiliates increased 17.1 percent to \$704.7 billion in 2003. The increases due to increases in output from ongoing operations were augmented by the net increases due to changes in the composition of the foreign-affiliate universe as a result of foreign affiliates entering the MNC universe by being newly acquired or established by a U.S. parent company or as a result of foreign affiliates leaving the MNC universe by being sold to foreign

persons or liquidated by a U.S. parent company (table 5).

By area, the increases in the value added by foreign affiliates were widespread, but the largest increases were in Africa, in Latin America and Other Western Hemisphere, and in Canada (table 6). In Africa, the value added by affiliates increased \$3.4 billion, or 25 percent. The increase was concentrated in mining (particularly oil and gas extraction) and partly reflected the rise in petroleum prices.

In Latin America and Other Western Hemisphere, the value added by affiliates increased \$12.1 billion, or 20 percent. By industry, increases were widespread, but the largest increases were in manufacturing (mainly food and chemical manufacturing) and in utilities. In

Table 5. Sources of Change in the Value Added of Nonbank Majority-Owned Foreign Affiliates, 2002–2003
[Millions of dollars]

1	2002 level	601,606
2	Total change.....	103,047
3	New foreign affiliates.....	6,265
4	Acquired by U.S. parents.....	4,328
5	Established by U.S. parents.....	1,937
6	Changes in existing operations ¹	93,686
7	Sales or liquidations of foreign affiliates.....	-4,140
8	Other changes ²	7,236
9	2003 level	704,653

1. Includes changes resulting from foreign affiliates acquiring, establishing, selling, or liquidating parts of their consolidated operations. BEA permits survey respondents to consolidate affiliate operations that are in the same country if the affiliates are also in the same industry or are integral parts of a single business operation.
2. Equals the change in the value added of foreign affiliates not accounted for in lines 3–7, such as changes resulting from the addition to the survey universe of affiliates that were exempt from reporting in earlier years and affiliates that were required to report in earlier years but did not. Line 8 will also capture any measurement error in the items on the other lines, because it is calculated as the difference between line 2 and the sum of lines 3, 6, and 7.

Table 6. Value Added of Nonbank Majority-Owned Foreign Affiliates by Major Area and Industry of Affiliate, 2002 and 2003
[Millions of dollars]

	2002	2003	Change	Percent change
Total	601,606	704,653	103,047	17.1
By major area				
Canada.....	70,182	83,514	13,332	19.0
Europe.....	341,703	398,533	56,830	16.6
Latin America and Other Western Hemisphere.....	59,519	71,597	12,078	20.3
Africa.....	13,475	16,881	3,406	25.3
Middle East.....	6,333	6,831	498	7.9
Asia and Pacific.....	110,394	127,298	16,904	15.3
By major industry				
Mining.....	58,088	70,899	12,811	22.1
Utilities.....	8,102	11,659	3,557	43.9
Manufacturing.....	308,965	346,669	37,704	12.2
Of which:				
Food.....	18,761	22,200	3,439	18.3
Chemicals.....	68,371	74,343	5,972	8.7
Primary and fabricated metals.....	11,627	13,985	2,358	20.3
Machinery.....	16,563	17,883	1,320	8.0
Computers and electronic products.....	33,019	35,347	2,328	7.1
Electrical equipment, appliances, and components.....	7,147	8,379	1,232	17.2
Transportation equipment.....	45,232	49,292	4,060	9.0
Wholesale trade.....	92,784	110,414	17,630	19.0
Information.....	24,687	29,417	4,730	19.2
Finance (except depository institutions) and insurance.....	23,997	32,402	8,405	35.0
Professional, scientific, and technical services.....	31,251	36,572	5,321	17.0
Other industries.....	53,733	66,621	12,888	24.0

food manufacturing, the increase mainly reflected rising sales in the largest markets in the area—Mexico, Brazil, and Argentina. In utilities, the increase was concentrated in Brazil.

In Canada, the value added by affiliates increased \$13.3 billion, or 19.0 percent. The increases were concentrated in mining (mainly oil and gas extraction) and in manufacturing (mainly petroleum and coal products) and partly reflected the rise in petroleum prices.

In Europe, the value added of affiliates increased \$56.8 billion, or 16.6 percent. The increase was concentrated in manufacturing (mainly chemicals), in wholesale trade, and in “other” industries (mainly “administration, support, and waste management”). In chemicals manufacturing, the increase largely reflected rising sales of pharmaceutical products. In wholesale trade, the increase largely reflected rising sales of computers and peripheral equipment. In “administration, support, and waste management,” the increase largely reflected rising sales of business support services, such as temporary help services.

In Asia and Pacific, the value added of affiliates increased \$16.9 billion, or 15.3 percent. The increase was concentrated in manufacturing (especially computers and electronic products) and in wholesale trade. In wholesale trade, the increase mainly reflected rising sales of petroleum products and other nondurable goods.

In the Middle East, the value added of affiliates increased \$0.5 billion, or 7.9 percent. The increases were most significant in wholesale trade and in information.

By major industry, the increases in value added were widespread, but they were strongest in utilities and in finance and insurance.

Newly acquired or established foreign affiliates

In 2003, U.S. MNCs acquired or established 279 new foreign affiliates, down from 305 new affiliates in 2002 (table 7). The new affiliates had a combined value added of \$6.3 billion, up from \$5.3 billion in 2002. They employed 92,200 workers, up from 88,800.

By area, high-income countries continued to be the

Table 7. Newly Acquired or Established Nonbank Majority-Owned Foreign Affiliates by Major Area and Industry of Affiliate, 2002 and 2003

	2002					2003				
	Number of newly acquired or established affiliates			Value added (millions of dollars)	Number of employees (thousands)	Number of newly acquired or established affiliates			Value added (millions of dollars)	Number of employees (thousands)
	Total	Acquired	Established			Total	Acquired	Established		
Total	305	121	184	5,275	88.8	279	117	162	6,266	92.2
By major area										
Canada.....	31	13	18	515	15.1	13	8	5	281	3.9
Europe.....	172	72	100	3,282	49.2	165	68	97	3,755	49.1
Latin America and Other Western Hemisphere.....	45	13	32	910	10.9	35	11	24	765	10.4
Africa.....	8	3	5	(D)	(D)	7	0	7	(D)	(D)
Middle East.....	3	1	2	(D)	(D)	2	1	1	(D)	(D)
Asia and Pacific.....	46	19	27	356	12.4	57	29	28	1,398	20.8
High-income countries ¹	257	106	151	5,098	66.3	233	94	139	5,162	54.2
Upper middle-income countries ¹	22	7	15	-71	13.1	22	10	12	(D)	(D)
Lower middle-income countries ¹	20	5	15	213	8.6	21	11	10	768	29
Low-income countries ¹	6	3	3	36	0.8	3	2	1	(D)	(D)
By major industry										
Mining.....	9	5	4	147	1.4	10	1	9	630	5.3
Utilities.....	5	3	2	516	5	2	1	1	(D)	(D)
Manufacturing.....	77	42	35	3,459	49.9	61	38	23	2,948	35.5
Of which:										
Food.....	11	9	2	243	7.5	8	2	6	209	2.6
Chemicals.....	18	10	8	346	4.8	11	5	5	1,922	7.1
Primary and fabricated metals.....	8	4	4	277	8.9	12	10	2	343	14.6
Machinery.....	5	3	2	67	2.3	5	4	1	92	3.2
Computers and electronic products.....	6	2	4	1,058	2.7	5	3	2	63	1.5
Electrical equipment, appliances, and components.....	3	3	0	(D)	(D)	1	0	1	(D)	(D)
Transportation equipment.....	9	1	8	62	1.7	5	3	2	108	2.2
Wholesale trade.....	38	17	21	636	7.7	53	36	17	1,574	13.1
Information.....	16	9	7	113	2.9	8	3	5	78	1.1
Finance (except depository institutions) and insurance.....	37	6	31	-39	2.8	46	10	36	401	2.8
Professional, scientific, and technical services.....	13	9	4	312	2.8	8	7	1	(D)	(D)
Other industries.....	110	30	80	130	16.4	91	21	70	312	30
Of which:										
Holding companies.....	88	18	70	(D)	(D)	68	5	63	(D)	(D)

D Suppressed to avoid disclosure of data of individual companies.

Notes: The estimates in this table cover only newly acquired or established foreign affiliates. They exclude data for consolidated units of existing foreign affiliates that were acquired or established during the year.

The number of newly acquired or established affiliates for 2000–2003 are not strictly comparable with the number for new affiliates in the earlier surveys (presented in earlier articles in this series) because of differ-

ences in the reporting thresholds. The threshold for filing on the 2000–2003 annual surveys is total assets, sales, or net income of the foreign affiliate in excess of \$30 million. For the 1995–98 annual surveys, the threshold was \$20 million. For the 1999 benchmark survey, the threshold was \$7 million.

1. As classified by the World Bank. (See footnote 8 to the text.)

most popular location for new affiliates in 2003.⁸ The value added by new affiliates in these countries accounted for 82 percent of the total value added by all new affiliates. The longstanding tendency for U.S. MNCs to concentrate their investments in high-income countries suggests that a key factor in the decisions of U.S. companies about foreign locations is access to large and affluent markets; other important factors may include access to highly trained labor and access to supplying firms.

By industry, the value added by new affiliates in 2003 was largest in manufacturing, wholesale trade, and finance and insurance. Together, new affiliates in these industries accounted for 79 percent of the value added of all new affiliates, for 56 percent of their employment, and for 57 percent of their number. Roughly a quarter of all newly acquired or established affiliates were holding companies (included in "other industries"), but these companies accounted for a relatively small share of the value added and employment of all new affiliates.⁹

Affiliate share of host country GDP

Value added by foreign affiliates represents these firms' contribution to a host-country's gross domestic product (GDP), which is the value of the goods and services that are produced by the labor and property in the host country. Among the 52 host countries listed in table 8, the share of GDP accounted for by foreign affiliates in 2003 ranged from 18 percent in Ireland to less than 1 percent in Saudi Arabia.¹⁰ In all but 2 of the 52 host countries, the value added of foreign affiliates of U.S. MNCs accounted for less than 10 percent of GDP.

Most countries that host affiliates of U.S. MNCs also host other foreign-owned companies, and the share of GDP accounted for by U.S.-owned affiliates, shown in table 8, may differ significantly from that accounted for by all foreign-owned companies. Estimates of the value added by all foreign-owned companies are

published by the Organisation for Economic Co-Operation and Development for a small number of host countries. These estimates can be used to estimate the share of host-country GDP accounted for by all foreign-owned companies. In Australia, for example, value added by affiliates of U.S. MNCs accounted for 5.3 percent of Australia's GDP in 2000, which represented almost half of the 12-percent share of GDP accounted for by all foreign-owned companies (table 9). In the Czech Republic, in contrast, affiliates of U.S. MNCs accounted for only 2.1 percent of host-country GDP in 2002, and all foreign-owned companies accounted for 22 percent.

Table 8. Value Added of Majority-Owned Foreign Affiliates as a Percentage of GDP of Selected Host Countries

	1994	1999	2000	2001	2002	2003
Ireland.....	12.1	15.9	17.2	16.6	18.9	18.4
Singapore.....	8.1	11.7	14.3	12.0	11.3	13.2
Canada.....	8.8	10.4	10.4	10.3	9.7	9.8
Nigeria.....	4.2	8.2	11.6	10.0	7.9	8.6
Honduras.....	8.3	4.7	6.0	6.2	6.1	6.8
United Kingdom.....	6.1	7.1	7.8	7.1	6.7	6.5
Belgium.....	5.1	5.3	5.9	5.5	5.5	5.3
Hong Kong.....	3.7	5.1	5.2	4.9	4.4	5.3
Malaysia.....	5.1	6.0	5.8	5.8	6.1	5.3
Netherlands.....	4.4	4.8	5.5	5.2	4.7	4.9
Venezuela.....	2.7	3.0	2.7	3.9	4.0	4.7
Argentina.....	1.5	2.6	2.7	2.6	4.2	4.6
Australia.....	4.6	4.8	5.3	5.0	4.8	4.6
Costa Rica.....	6.1	2.8	3.4	3.5	3.0	4.5
Norway.....	3.7	4.1	5.7	5.1	4.6	4.4
Switzerland.....	2.7	3.5	0.5	0.8	3.9	4.1
Mexico.....	2.3	3.7	3.4	3.3	3.3	3.7
Philippines.....	2.8	3.6	3.5	3.6	3.7	3.6
Chile.....	3.3	4.0	2.9	3.3	3.0	3.5
Luxembourg.....	6.4	6.1	2.2	5.7	6.5	3.4
Thailand.....	1.8	2.7	3.2	3.5	3.0	3.2
Colombia.....	2.9	2.7	3.1	2.9	3.1	3.2
New Zealand.....	2.8	3.5	3.1	3.7	3.1	3.1
Sweden.....	1.3	2.6	2.9	2.7	3.3	3.1
Brazil.....	3.0	3.1	3.1	2.8	2.4	3.0
Indonesia.....	2.6	3.7	4.0	4.0	3.0	2.9
Germany.....	2.7	2.9	3.2	3.1	3.0	2.8
Peru.....	1.3	2.1	2.3	2.1	2.1	2.7
Hungary.....	1.7	2.5	2.7	2.6	2.6	2.5
Portugal.....	2.5	2.2	3.1	2.9	2.6	2.4
France.....	2.4	2.6	2.8	2.6	2.5	2.4
Israel.....	1.3	1.6	2.4	3.1	2.4	2.3
Czech Republic.....	1.1	2.2	2.5	2.7	2.1	2.1
Ecuador.....	1.3	1.6	2.3	1.6	1.8	2.1
Egypt.....	1.4	1.2	1.2	1.4	1.6	2.0
South Africa.....	0.7	1.3	1.8	1.7	2.1	1.7
Italy.....	1.8	1.9	1.9	1.9	1.8	1.7
Poland.....	0.4	0.7	1.2	1.3	1.3	1.7
Denmark.....	1.4	1.7	2.0	1.8	1.7	1.6
Spain.....	1.7	1.8	1.9	1.8	1.6	1.6
Taiwan.....	1.2	2.1	1.3	1.3	1.2	1.5
Austria.....	1.7	1.6	1.8	1.8	1.5	1.5
Finland.....	1.2	1.7	1.6	1.5	1.5	1.3
United Arab Emirates.....	2.8	1.5	1.4	2.0	1.2	1.5
Turkey.....	0.8	1.0	0.9	1.0	1.0	1.1
Japan.....	0.5	0.7	0.8	0.9	0.9	0.9
Republic of Korea.....	0.4	0.8	1.0	1.0	0.9	0.9
Greece.....	1.4	0.8	0.8	0.6	0.6	0.6
China.....	0.1	0.4	0.5	0.5	0.6	0.6
India.....	0.1	0.2	0.4	0.4	0.4	0.4
Russia.....	(*)	0.1	0.2	0.3	0.4	0.4
Saudi Arabia.....	0.2	0.7	0.2	0.2	0.1	0.1

* Less than 0.05 percent.

Notes. The countries are sorted in descending order of their 2003 values. If two countries have the same 2003 value, they were sorted using unrounded values.

GDP data for host countries were obtained from the World Bank Web site.

GDP Gross domestic product.

8. These income classifications of foreign countries are the latest classifications issued by the World Bank. The income level of countries are currently classified into the following four tiers that are based on annual per capita gross national income: In low-income countries, the income is \$765 or less; in lower middle-income countries, income ranges from \$766 to \$3,035; in upper middle-income countries, income ranges from \$3,036 to \$9,385; and in high-income countries, income is \$9,386 or more. The United States and 23 foreign countries are in the high-income group. For the list of countries and income groups, see <www.worldbank.org/data/countryclass/countryclass.html>.

9. The calculation of an affiliate's value added excludes the affiliate's equity in the net income of affiliates that it owns.

10. Table 8 shows all the countries except for a few small Caribbean and Central American countries that are also shown in BEA's standard tables for data on U.S. direct investment abroad by country (table 11, for example); several of these Caribbean and Central American countries host some large holding companies of U.S. MNCs and are recognized as offshore financial centers.

Table 9. Value Added of Foreign-Owned Companies as a Percentage of GDP of Selected Host Countries
[Percent]

	Year	All foreign-owned companies	Of which:		Addendum: U.S.-owned companies as a percentage of all foreign-owned companies
			U.S.-owned companies		
Australia	2000	12.0	5.3	44.2	
Italy	2001	5.3	1.9	35.8	
Finland	2001	7.3	1.5	20.5	
Hungary	2002	18.9	2.6	13.8	
Czech Republic	2002	22.1	2.1	9.5	

NOTE: The percentages in the column "All foreign-owned companies" are based on estimates of total host-country GDP from the World Bank Web site and on estimates of the total value added by foreign-owned businesses in the host economy from the Organisation for Economic Co-Operation and Development database "Measuring Globalisation: The Role of Multinationals in OECD Economies" at <www.sourceoecd.org>. The years shown in this table reflect the most recent estimates available from the OECD database.

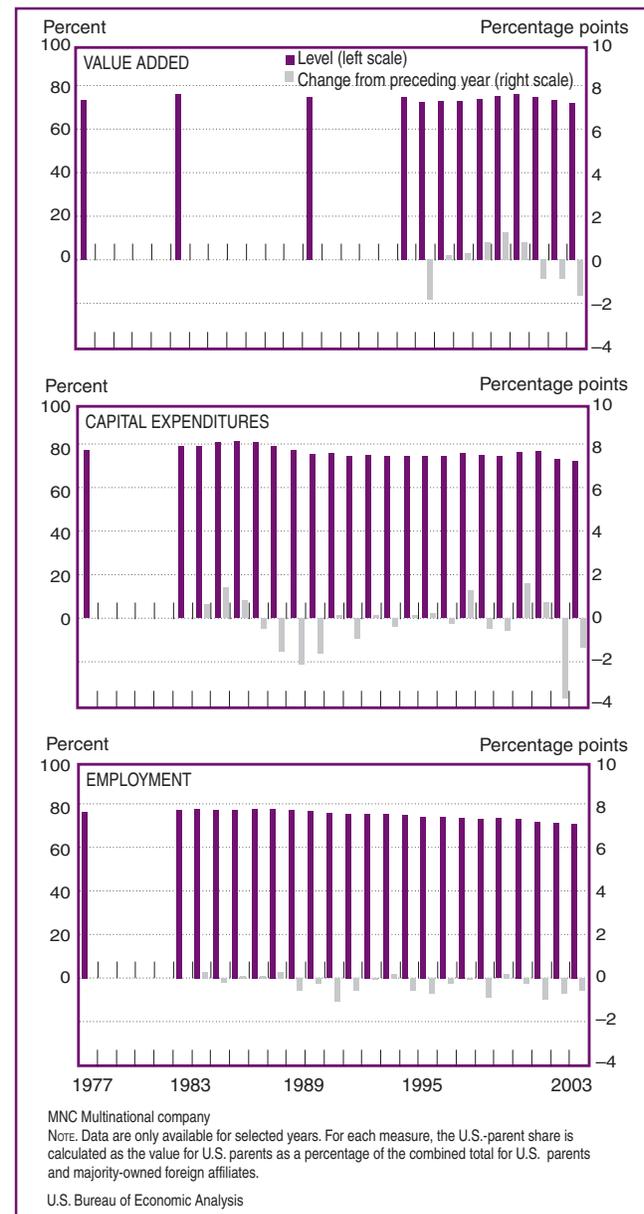
Trends in Key Measures of U.S.-MNC Operations

The measures of value added, capital expenditures, and employment have consistently shown that U.S.-MNC operations are concentrated in the United States, but by some measures, the location of operations have changed over time.¹¹ For value added, U.S. parents accounted for about the same share of the worldwide MNC total in 2003 as in 1977; in 2003, this share was 74 percent, down only slightly from 75 percent in 1977 (chart 2). For capital expenditures and employment, the U.S.-parent share decreased more substantially: The U.S.-parent share of capital expenditures decreased from 80 percent in 1977 to 74 percent in 2003, and the U.S.-parent share of employment decreased from 78 percent in 1977 to 72 percent in 2003. For capital expenditures, the parent share in 2001 was nearly the same as it was in 1977, so the decreases in this share occurred in 2002 and 2003. However, the decrease in the parent share of employment began in 1987 and was sustained through 2003.

Employment by foreign affiliates remains concentrated in high-income countries, but in recent years, it has grown faster in other countries (chart 3). In 1991–2003, it grew at an average annual rate of 9 percent in low-income countries, 6 percent in lower and upper middle-income countries, and 3 percent in high-income countries. The different growth rates may have reflected a variety of factors, such as cost considerations, the development of new markets, and the liberalization of policies toward foreign direct investment in a number of major developing countries.

11. For a more detailed examination of these trends, see "A Note on Patterns of Production and Employment by U.S. Multinational Companies," SURVEY OF CURRENT BUSINESS 84 (March 2004): 52–56.

Chart 2. U.S.-Parent Share of Selected Measures of U.S.-MNC Operations, 1977–2003



Another aspect of the production patterns for U.S. MNCs that has changed significantly is the degree to which U.S. parents rely on purchased goods and services rather than on their own production. In 1977–2003, purchases of goods and services from outside suppliers as a share of total sales by U.S.-parent companies in all industries except wholesale and retail trade increased from 63 percent to 68 percent (chart 4). Some of these purchases were obtained from domestic suppliers (who may have acquired some of these goods and services from foreign suppliers), and

some were obtained from either affiliated or unaffiliated foreign suppliers. The share of purchases that

were imported from foreign suppliers has essentially been unchanged, at 9 percent in 1977 and in 2003.

Chart 3. High-Income Country Share of Employment by Foreign Affiliates, 1977–2003

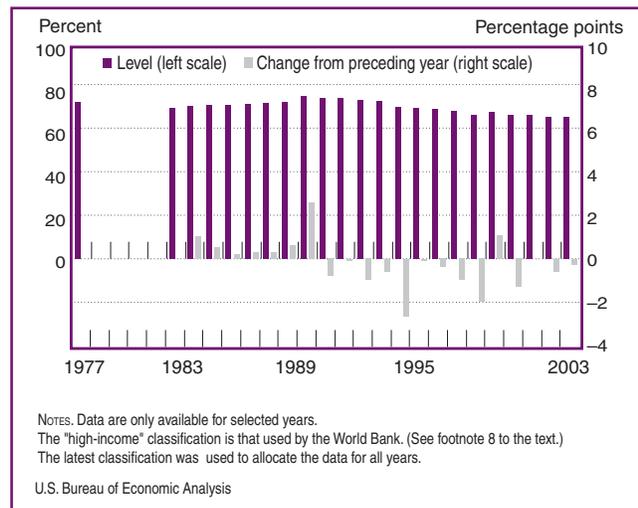
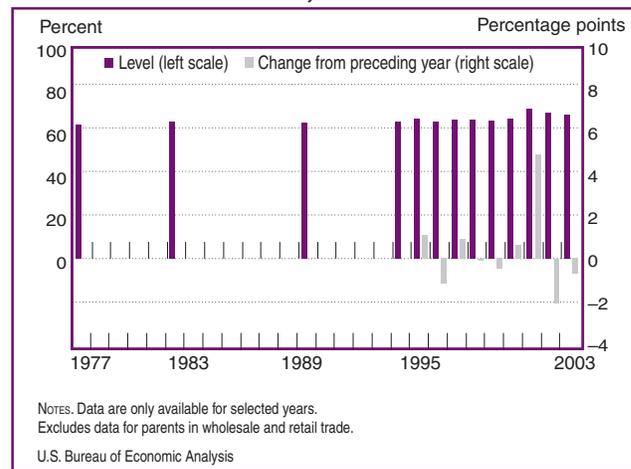


Chart 4. Ratio of Purchased Goods and Services to Sales for U.S. Parents, 1977–2003



Data on U.S. Direct Investment Abroad

BEA collects two broad sets of data on U.S. direct investment abroad (USDIA): (1) Financial and operating data of U.S. multinational companies and (2) international transactions and direct investment position data. This article presents the first set of data; the second set of data is generally published in the July and September issues of the *SURVEY OF CURRENT BUSINESS*.¹

Financial and operating data. The financial and operating data provide a picture of the overall activities of foreign affiliates and U.S. parent companies, using a variety of indicators of their financial structure and operations. The data on foreign affiliates cover the entire operations of the affiliate, irrespective of the percentage of U.S. ownership. These data cover items that are needed in analyzing the characteristics, performance, and economic impact of multinational companies, such as sales, value added, employment and compensation of employees, capital expenditures, exports and imports, and research and development expenditures. Separate tabulations are

available for all affiliates and for affiliates that are majority-owned by their U.S. parent(s).

International transactions and direct investment position data. The international transactions data cover a foreign affiliate's transactions with its U.S. parent(s), so these data focus on the U.S. parent's share, or interest, in its affiliate rather than on the affiliate's size or level of operations. These data are essential to the compilation of the U.S. international transactions accounts (ITAs), the international investment position, and the national income and product accounts. The major data items include capital flows (recorded in the ITAs financial account), which measure the funds that U.S. parents provide to their foreign affiliates, and income (recorded in the ITAs current account), which measures the return on those funds. The data also cover royalties and license fees and other service charges that parents receive from, or pay to, their affiliates. All of these items measure flows in a particular period, such as a quarter or a year.

Direct investment position data are stock data and are cumulative; they measure the total outstanding level of U.S. direct investment abroad at yearend. Estimates are provided both at historical cost and in terms of current-period prices. The historical-cost estimates are published by country and by industry.

1. The most recent articles are Jennifer L. Koncz and Daniel R. Yorgason, "Direct Investment Positions for 2004: Country and Industry Detail," in this issue of the *SURVEY* and Jeffrey H. Lowe, "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, 2003," *SURVEY* 84 (September 2004): 101–144.

Revisions

The estimates of MNC operations in 2003 are preliminary. The estimates of employment, capital expenditures, and sales supersede the advance summary estimates that were released on April 19 (BEA news release 05–15). From the advance estimates to the preliminary estimates, the estimate of employment was revised down 0.2 percent, the estimate of capital expenditures was revised up 1.6 percent, and the estimate of sales was revised down 0.5 percent.

The final estimates of MNC operations in 2002 are also presented. The final estimates of employment, capital expenditures, and sales supersede the summary estimates in the April news release and the preliminary estimates that were published in the July 2004 SURVEY

OF CURRENT BUSINESS.¹² From the summary estimates to the final estimates, the estimates of employment, capital expenditures, and sales were revised down 0.4 percent. From the preliminary estimates to the final estimates, the estimate of employment was revised down 0.7 percent, the estimate of capital expenditures was revised down 2.4 percent, and the estimate of sales were revised down 1.4 percent.

12. See Raymond J. Mataloni Jr., "U.S. Multinational Companies: Operations in 2002," SURVEY 84 (July 2004): 10–29.

Tables 10.1 through 14.2 follow.

Table 10.1. Selected Data for Nonbank U.S. Parents by Industry of U.S. Parent, 2002

	Millions of dollars										Thousands of employees
	Total assets	Sales				Net income	Capital expenditures	Research and development expenditures	Value added	Compensation of employees	
		Total	Goods	Services	Investment income ¹						
All industries	14,712,968	6,337,779	4,061,279	1,979,035	297,465	18,670	333,113	136,977	1,858,805	1,140,928	22,117.6
Mining	169,457	45,456	34,192	10,993	271	2,187	12,094	274	23,444	9,270	117.4
Oil and gas extraction.....	87,006	21,721	20,654	(D)	(D)	2,616	7,931	33	12,853	2,261	21.3
Other	82,451	23,735	13,538	(D)	(D)	-428	4,163	241	10,591	7,009	96.2
Utilities	687,142	243,303	10,333	231,109	1,860	-24,139	36,506	53	78,468	28,772	366.0
Manufacturing	4,291,268	2,865,297	2,645,310	169,056	50,931	76,272	133,886	110,062	832,703	509,311	8,357.9
Food	246,560	242,949	239,090	3,859	0	12,469	6,786	1,370	58,142	32,062	780.7
Beverages and tobacco products.....	156,868	97,874	95,988	(D)	(D)	18,011	4,100	(D)	45,330	14,270	248.4
Textiles, apparel, and leather products.....	27,472	30,528	30,404	47	77	-357	844	(D)	10,607	7,841	226.4
Wood products.....	33,194	23,493	22,874	(D)	(D)	672	837	78	7,172	4,139	78.7
Paper.....	133,488	97,186	97,123	48	15	2,137	3,924	1,376	33,575	21,323	332.0
Printing and related support activities.....	23,189	25,458	22,297	3,095	66	762	983	157	12,108	8,666	191.7
Petroleum and coal products.....	384,230	327,770	301,647	25,548	574	14,056	18,722	1,153	74,343	20,763	247.6
Chemicals	637,547	380,356	377,098	2,930	328	41,639	18,436	32,273	143,410	77,636	926.1
Basic chemicals	93,156	55,710	55,262	419	30	221	2,735	1,456	15,079	10,201	126.6
Resins and synthetic rubber, fibers and filaments.....	86,622	46,429	46,180	(D)	(D)	-1,831	2,931	2,530	15,295	9,502	118.5
Pharmaceuticals and medicines.....	315,349	176,031	175,709	246	76	37,047	9,689	24,279	74,840	37,452	378.2
Soap, cleaning compounds, and toilet preparations	67,086	50,618	50,147	470	(*)	7,303	1,285	1,768	19,855	8,922	122.5
Other	75,334	51,567	49,800	(D)	(D)	-1,102	1,797	2,239	18,341	11,559	180.2
Plastics and rubber products.....	70,387	65,537	64,708	828	1	-2,028	2,371	937	21,253	16,039	305.3
Nonmetallic mineral products.....	56,880	39,547	39,454	93	0	-1,350	2,342	373	10,031	8,484	156.5
Primary and fabricated metals	151,522	133,643	129,143	4,112	388	-1,708	5,515	1,340	41,655	30,466	580.3
Primary metals.....	83,276	74,137	70,589	3,176	372	-2,788	3,550	498	18,153	15,407	292.9
Fabricated metal products.....	68,246	59,506	58,554	936	16	1,080	1,965	841	23,502	15,058	287.4
Machinery	587,238	254,522	196,993	(D)	(D)	16,092	14,701	8,405	69,880	49,875	794.0
Agriculture, construction, and mining machinery	99,505	56,209	51,770	2,299	2,140	367	2,149	1,733	12,375	10,438	161.7
Industrial machinery.....	28,015	18,467	18,220	200	48	-65	738	1,583	3,521	4,869	78.8
Other	459,717	179,846	127,003	(D)	(D)	15,789	11,814	5,088	53,984	34,568	553.5
Computers and electronic products	491,608	311,351	289,711	20,592	1,048	-28,670	17,787	33,948	99,992	73,195	1,021.5
Computers and peripheral equipment.....	114,526	87,862	79,642	8,168	52	1,277	2,782	7,065	20,940	15,332	211.3
Communications equipment.....	149,117	85,484	79,225	5,475	783	-21,166	4,715	11,497	32,698	21,755	258.8
Audio and video equipment.....	10,530	9,739	8,521	1,006	212	512	486	(D)	3,239	2,057	34.4
Semiconductors and other electronic components.....	140,951	72,992	71,441	1,550	2	-9,390	7,921	10,620	21,172	16,482	252.8
Navigational, measuring, and other instruments.....	74,825	54,071	49,745	4,326	0	-194	1,788	4,244	21,618	17,261	260.1
Magnetic and optical media	1,659	1,204	1,137	67	0	292	95	(D)	325	308	4.2
Electrical equipment, appliances, and components.....	101,489	78,303	(D)	(D)	2	-9,770	4,260	1,729	25,316	18,021	348.0
Transportation equipment.....	1,095,014	682,168	596,076	57,145	28,946	6,581	28,709	23,167	147,748	107,247	1,712.8
Motor vehicles, bodies and trailers, and parts.....	873,095	514,490	448,694	37,086	28,710	1,330	23,951	16,535	92,190	63,588	990.7
Other	221,919	167,678	147,383	20,059	236	5,251	4,757	6,632	55,558	43,659	722.1
Furniture and related products.....	20,518	22,740	(D)	(D)	0	929	710	130	8,236	5,526	152.4
Miscellaneous manufacturing.....	74,064	51,872	50,528	1,098	247	6,808	2,860	3,067	23,636	13,760	255.6
Wholesale trade	378,938	565,413	541,948	20,541	2,924	6,318	17,490	2,798	83,926	48,988	804.6
Professional and commercial equipment and supplies	58,297	81,533	73,292	7,820	422	-412	(D)	1,388	17,320	12,003	177.4
Other durable goods	110,261	158,391	148,203	8,221	1,967	633	5,430	628	21,897	14,860	235.2
Petroleum and petroleum products	112,249	106,708	104,871	1,543	294	3,173	(D)	218	17,542	4,981	59.4
Other nondurable goods	98,131	218,781	215,582	2,958	241	2,924	3,737	563	27,167	17,144	332.7
Information	1,292,000	504,748	38,162	465,538	1,047	-124,416	55,493	9,679	236,717	112,703	1,878.7
Publishing industries	176,958	87,677	22,698	64,952	26	4,029	3,416	6,718	44,193	26,299	341.7
Motion picture and sound recording industries	47,191	14,050	971	12,993	86	-3,196	366	27	5,202	1,737	50.8
Broadcasting and telecommunications	879,067	322,777	9,991	311,884	902	-31,395	46,531	625	154,522	67,089	1,141.6
Broadcasting, cable networks, and program distribution	387,212	88,195	6,985	80,362	848	-25,638	7,019	37	32,547	16,571	417.3
Telecommunications.....	491,854	234,582	3,005	231,522	55	-5,758	39,512	588	121,975	50,519	724.3
Information services and data processing services	188,785	80,244	4,503	75,709	32	-93,853	5,179	2,308	32,800	17,578	344.6
Finance (except depository institutions) and insurance	6,596,781	813,732	32,836	555,084	225,812	38,821	18,952	560	135,456	123,867	1,381.9
Finance, except depository institutions	3,213,529	279,116	(D)	(D)	103,938	23,480	8,035	430	65,887	65,681	523.4
Securities, commodity contracts, and other intermediation	2,829,593	222,377	(D)	(D)	95,047	25,874	4,464	290	60,603	56,457	421.8
Other finance, except depository institutions	383,935	56,739	(D)	(D)	8,891	-2,394	3,572	140	5,284	9,224	101.6
Insurance carriers and related activities.....	3,383,253	534,616	(D)	(D)	121,874	15,341	10,917	130	69,569	58,186	858.5
Professional, scientific, and technical services	242,720	192,159	22,293	168,485	1,381	15,061	8,600	10,479	98,604	72,854	962.8
Architectural, engineering, and related services	16,078	21,308	3,868	17,436	4	-211	312	(D)	6,496	6,086	92.9
Computer systems design and related services	123,876	84,976	(D)	(D)	1,232	5,764	5,858	8,917	41,559	30,472	372.6
Management, scientific, and technical consulting	24,005	22,090	(D)	(D)	(*)	1,239	395	533	12,130	10,226	116.3
Advertising and related services	41,457	18,145	937	17,207	0	377	483	(D)	10,567	8,124	91.7
Other	37,305	45,641	826	44,670	145	7,892	1,553	978	27,853	17,947	289.3
Other industries	1,054,661	1,107,671	736,205	358,228	13,238	28,566	50,092	3,073	369,488	235,161	8,248.4
Agriculture, forestry, fishing, and hunting	4,133	4,172	4,135	21	16	62	229	(D)	1,401	962	35.8
Construction	29,917	41,688	34,717	6,961	11	-247	655	(D)	9,483	9,048	161.5
Retail trade.....	382,909	692,330	682,273	4,164	5,892	22,167	23,447	(D)	158,730	86,067	3,933.6
Transportation and warehousing	182,794	135,332	1,425	133,387	521	3,714	10,300	5	73,961	53,908	940.7
Real estate and rental and leasing.....	97,076	36,472	1,471	29,634	5,368	-503	3,179	(D)	17,100	7,753	176.2
Real estate	35,473	9,857	54	8,583	1,219	-334	1,492	0	3,628	1,605	32.0
Rental and leasing (except real estate).....	61,603	26,615	1,416	21,050	4,149	-168	1,687	(D)	13,473	6,148	144.2
Management of nonbank companies and enterprises	103,637	150	(*)	149	0	-1,874	121	(D)	4,456	300	5.3
Administration, support, and waste management	66,600	56,378	(D)	(D)	634	703	2,316	(D)	33,033	26,274	986.4
Health care and social assistance.....	48,720	47,294	835	46,452	6	1,702	3,200	31	26,415	19,752	479.0
Accommodation and food services	104,503	73,745	(D)	(D)	778	2,576	5,539	29	35,560	24,576	1,266.8
Accommodation	67,055	31,884	(D)	(D)	568	-170	2,344	0	15,236	10,233	424.7
Food services and drinking places.....	37,448	41,860	4,353	37,298	210	2,746	3,196	29	20,324	14,343	842.1
Miscellaneous services	34,372	20,110	2,906	17,191	12	267	1,106	128	9,348	6,522	263.1

* Less than \$500,000 (+/-).

D Suppressed to avoid disclosure of data of individual companies.

1. Some parents and foreign affiliates primarily in finance and insurance include investment income in sales or gross operating revenues. Most other parents and affiliates consider investment income an incidental

revenue source and include it in their income statements in an "other income" category rather than in sales. BEA collects data on investment income to ensure that—where it is included in total sales—it is not misclassified as sales of services.

Table 10.2. Selected Data for Nonbank U.S. Parents by Industry of U.S. Parent, 2003

	Millions of dollars										Thousands of employees
	Total assets	Sales				Net income	Capital expenditures	Research and development expenditures	Value added	Compensation of employees	
		Total	Goods	Services	Investment income ¹						
All industries	15,911,129	6,606,746	4,239,523	2,051,505	315,719	432,407	321,432	140,103	1,983,470	1,177,418	21,701.1
Mining	193,645	57,575	41,536	15,502	537	6,275	13,258	463	30,760	11,785	144.2
Oil and gas extraction.....	91,801	26,956	25,031	1,915	10	6,094	9,144	25	18,004	2,733	21.6
Other	101,844	30,618	16,504	13,587	527	181	4,114	438	12,755	9,052	122.7
Utilities	706,655	246,188	10,539	233,576	2,074	-1,792	31,091	59	87,500	28,163	347.2
Manufacturing	4,602,585	2,986,124	2,766,329	153,479	66,316	177,395	126,633	112,935	866,367	524,967	8,152.9
Food	265,423	254,474	250,982	3,492	0	17,214	7,761	1,376	60,333	35,390	760.0
Beverages and tobacco products.....	167,840	93,431	91,635	1,396	400	17,584	3,970	450	41,430	15,254	243.3
Textiles, apparel, and leather products.....	26,313	29,603	29,469	50	84	396	848	85	10,176	7,527	209.1
Wood products.....	34,069	24,817	24,185	(D)	(D)	539	761	84	7,943	4,895	79.3
Paper.....	140,063	95,209	95,150	46	13	5,501	3,643	1,327	34,983	21,981	324.0
Printing and related support activities.....	24,564	25,899	22,228	3,495	175	1,300	1,041	174	12,984	8,849	188.1
Petroleum and coal products.....	417,976	411,588	378,191	(D)	(D)	39,356	17,181	1,266	94,668	21,347	218.2
Chemicals	664,700	406,699	403,641	2,661	397	39,117	18,853	34,647	137,763	79,304	915.2
Basic chemicals	92,204	59,573	59,192	335	46	774	3,064	1,523	16,149	10,306	123.0
Resins and synthetic rubber, fibers and filaments.....	85,769	49,872	49,538	(D)	(D)	1,188	2,538	2,542	16,473	9,251	117.7
Pharmaceuticals and medicines.....	335,650	190,420	190,144	193	83	27,986	9,489	25,582	68,693	38,885	384.1
Soap, cleaning compounds, and toilet preparations.....	72,890	54,618	54,107	(D)	(D)	7,178	1,706	2,689	19,005	8,836	115.0
Other	78,186	52,217	50,661	1,554	2	1,990	2,056	2,312	17,444	12,026	175.4
Plastics and rubber products.....	72,670	66,521	65,940	580	1	1,209	2,382	1,047	22,391	15,857	290.3
Nonmetallic mineral products.....	57,766	39,184	39,113	72	0	1,153	2,106	437	14,217	8,626	154.2
Primary and fabricated metals.....	153,861	141,155	135,878	4,760	518	4,464	5,445	1,418	45,391	32,574	605.0
Primary metals.....	87,274	80,295	76,082	3,724	488	540	3,307	503	22,041	17,557	299.5
Fabricated metal products.....	66,587	60,861	59,796	1,035	30	3,924	2,139	915	23,351	15,016	305.4
Machinery.....	651,491	244,158	193,406	29,126	21,627	20,216	11,265	8,094	71,840	49,867	751.5
Agriculture, construction, and mining machinery.....	103,361	55,352	51,070	(D)	(D)	1,604	2,039	1,702	12,562	10,633	150.3
Industrial machinery.....	30,301	18,085	17,850	196	38	34	653	1,469	4,419	4,219	71.6
Other	517,829	170,722	124,485	(D)	(D)	18,577	8,573	4,922	54,859	35,015	529.5
Computers and electronic products.....	501,432	310,603	289,361	19,898	1,343	6,121	16,140	33,519	111,478	73,304	981.0
Computers and peripheral equipment.....	116,563	91,070	82,109	8,918	43	1,425	2,989	7,055	23,956	15,730	207.0
Communications equipment.....	146,696	79,791	74,153	4,497	1,141	-670	4,783	10,344	29,878	19,187	235.9
Audio and video equipment.....	10,362	9,320	8,380	784	156	-19	407	(D)	2,787	2,252	35.6
Semiconductors and other electronic components.....	142,791	72,719	72,227	488	4	3,860	6,094	11,524	30,625	17,961	232.8
Navigational, measuring, and other instruments.....	83,566	56,480	51,279	5,201	0	1,460	1,756	4,093	23,853	17,873	265.5
Magnetic and optical media.....	1,453	1,223	1,212	11	0	65	110	(D)	380	301	4.3
Electrical equipment, appliances, and components.....	95,918	69,601	65,259	(D)	(D)	1,349	2,748	1,617	23,956	16,858	321.1
Transportation equipment.....	1,221,191	693,737	604,184	50,563	38,991	15,409	29,211	23,788	144,085	112,282	1,696.7
Motor vehicles, bodies and trailers, and parts.....	983,600	518,466	449,770	29,709	38,988	8,468	24,702	17,262	83,834	65,210	984.1
Other	237,591	175,271	154,414	20,854	3	6,941	4,509	6,526	60,251	47,071	712.6
Furniture and related products.....	20,123	22,485	22,456	(D)	(D)	1,112	681	116	8,620	5,764	142.7
Miscellaneous manufacturing.....	87,183	56,960	55,252	1,693	15	5,355	2,598	3,492	24,109	15,288	273.4
Wholesale trade	418,287	611,872	559,438	49,709	2,726	21,029	18,277	2,720	93,822	49,343	781.4
Professional and commercial equipment and supplies.....	(D)	80,748	73,042	7,234	473	2,497	(D)	1,124	18,503	11,355	169.6
Other durable goods.....	115,566	154,740	143,634	8,962	2,144	3,877	5,976	700	22,822	14,482	220.0
Petroleum and petroleum products.....	(D)	145,655	115,677	(D)	(D)	7,890	(D)	196	23,162	5,122	57.5
Other nondurable goods.....	105,249	230,729	227,085	(D)	(D)	6,965	3,817	701	29,335	18,384	334.3
Information	1,384,250	540,289	54,149	485,808	332	69,176	54,339	9,911	263,264	119,172	1,854.6
Publishing industries.....	191,768	95,071	39,383	55,647	41	15,798	3,426	6,960	51,138	27,680	343.2
Motion picture and sound recording industries.....	47,473	14,006	635	13,315	56	484	425	30	4,229	1,686	46.1
Broadcasting and telecommunications.....	939,673	346,785	9,183	337,417	185	46,606	44,933	662	169,081	71,302	1,120.4
Broadcasting, cable networks, and program distribution.....	440,914	110,135	6,122	103,946	67	6,466	9,095	72	42,064	19,781	411.6
Telecommunications.....	498,760	236,650	3,060	233,471	119	40,141	35,838	589	127,016	51,521	708.7
Information services and data processing services.....	205,337	84,426	4,948	79,429	49	6,287	5,555	2,259	38,816	18,504	344.9
Finance (except depository institutions) and insurance	7,311,031	853,472	37,377	589,452	226,643	90,038	18,404	309	155,078	131,609	1,383.7
Finance, except depository institutions.....	3,512,312	279,868	(D)	160,327	(D)	43,747	8,000	189	69,943	67,116	522.9
Securities, commodity contracts, and other intermediation.....	3,074,976	233,811	(D)	140,339	(D)	36,668	4,505	66	62,471	57,961	422.5
Other finance, except depository institutions.....	437,336	46,057	1	19,988	26,068	7,079	3,494	123	7,472	9,155	100.4
Insurance carriers and related activities.....	3,798,719	573,604	(D)	429,126	(D)	46,291	10,404	120	85,135	64,493	860.8
Professional, scientific, and technical services	255,720	193,539	23,258	169,516	764	22,505	8,282	10,743	101,753	72,429	946.4
Architectural, engineering, and related services.....	15,558	22,766	6,260	16,492	14	230	225	(D)	7,217	6,395	92.4
Computer systems design and related services.....	129,218	82,874	(D)	67,366	(D)	11,053	5,402	9,004	42,866	29,989	356.7
Management, scientific, and technical consulting.....	25,056	22,781	(D)	22,681	(D)	1,521	388	554	12,325	10,363	119.2
Advertising and related services.....	43,844	18,694	975	17,719	0	752	477	(D)	10,466	8,035	92.1
Other	42,044	46,423	(D)	45,258	(D)	8,949	1,790	1,078	28,878	17,647	285.9
Other industries	1,038,955	1,117,687	746,896	354,463	16,328	47,781	51,149	2,961	384,927	239,951	8,090.8
Agriculture, forestry, fishing, and hunting.....	4,377	4,293	4,255	21	16	83	223	(D)	1,501	980	35.6
Construction.....	19,494	34,317	29,968	4,336	13	758	239	(D)	8,209	6,667	131.0
Retail trade.....	364,462	705,610	696,468	4,124	5,019	32,135	25,042	(D)	170,815	88,267	3,819.3
Transportation and warehousing.....	188,650	134,456	1,159	133,068	229	5,047	10,370	5	74,356	56,464	887.3
Real estate and rental and leasing.....	100,030	38,649	1,666	27,620	9,362	1,712	2,985	5	18,231	8,527	176.2
Real estate.....	35,570	9,407	(D)	(D)	(D)	5,057	206	1,329	0	3,252	28.8
Rental and leasing (except real estate).....	64,460	29,242	(D)	4,305	(D)	1,506	1,656	5	14,980	6,882	147.4
Management of nonbank companies and enterprises.....	104,990	153	(*)	153	0	2,311	98	0	4,976	300	5.1
Administration, support, and waste management.....	65,626	56,438	(D)	51,871	(D)	1,305	2,531	(D)	31,594	25,792	977.1
Health care and social assistance.....	50,388	49,377	875	48,280	221	29	3,134	32	27,659	21,004	490.8
Accommodation and food services.....	104,048	73,926	(D)	67,776	(D)	4,052	5,270	37	37,471	25,411	1,318.2
Accommodation.....	64,956	29,005	(D)	28,099	(D)	951	2,148	0	15,170	9,737	406.1
Food services and drinking places.....	39,091	44,921	(D)	39,677	(D)	3,100	3,122	37	22,301	15,674	912.1
Miscellaneous services.....	36,890	20,469	3,248	17,213	7	348	1,255	143	10,115	6,539	250.3

* Less than \$500,000 (+/-).

D Suppressed to avoid disclosure of data of individual companies.

1. See footnote 1 to table 10.1.

Table 11. Selected Data for Nonbank Foreign Affiliates by Country of Affiliate, 2002 and 2003

	2002						2003							
	Millions of dollars						Thousands of employees	Millions of dollars						Thousands of employees
	Total assets	Sales	Net income	U.S. exports of goods shipped to affiliates	U.S. imports of goods shipped by affiliates	Compensation of employees		Total assets	Sales	Net income	U.S. exports of goods shipped to affiliates	U.S. imports of goods shipped by affiliates	Compensation of employees	
All countries	6,802,399	2,945,701	228,678	178,544	215,844	311,395	9,776.0	8,194,207	3,383,010	372,829	186,155	231,615	342,955	9,878.9
Canada	510,739	346,792	13,260	58,273	79,895	36,750	1,126.0	589,751	396,527	22,732	60,095	83,653	40,953	1,125.1
Europe	4,073,230	1,472,065	128,932	41,700	43,951	175,209	4,163.0	4,977,877	1,719,659	214,635	47,271	49,985	197,407	4,209.8
Austria.....	20,697	10,616	528	210	110	1,624	31.0	26,055	13,161	1,396	202	(D)	1,804	31.9
Belgium.....	170,131	59,896	5,681	(D)	1,279	7,844	142.0	232,863	73,037	6,543	4,800	(D)	9,209	145.9
Czech Republic.....	10,664	9,091	580	24	26	620	54.0	10,481	9,892	608	29	38	720	56.6
Denmark.....	(D)	(D)	(D)	115	207	(D)	L	(D)	(D)	(D)	(D)	172	3,676	62.4
Finland.....	9,012	7,500	424	120	(D)	821	18.0	10,306	9,116	329	132	204	968	20.6
France.....	209,805	139,990	2,428	(D)	3,167	23,895	591.0	222,951	158,289	6,027	4,642	3,345	27,217	591.0
Germany.....	350,825	239,259	4,966	6,421	4,831	33,522	643.0	405,722	254,152	18,655	6,392	5,065	37,060	620.6
Greece.....	(D)	(D)	(D)	53	(D)	(D)	K	(D)	(D)	(D)	(D)	(D)	(D)	L
Hungary.....	7,219	8,439	200	175	709	611	49.0	9,064	10,036	331	301	751	776	50.6
Ireland.....	242,064	85,376	27,146	2,247	13,097	3,235	86.0	336,023	112,716	31,786	2,183	15,151	3,761	86.4
Italy.....	110,016	87,911	6,059	1,430	(D)	9,910	253.0	130,652	105,702	7,468	2,084	1,389	11,426	255.1
Luxembourg.....	290,529	8,597	18,648	60	(D)	626	11.0	450,371	10,374	22,980	(D)	(D)	(D)	J
Netherlands.....	543,922	135,858	22,173	7,060	(D)	10,472	228.0	652,929	161,742	49,798	7,771	(D)	11,645	223.8
Norway.....	30,297	18,872	1,540	(D)	194	1,920	38.0	33,926	22,454	1,942	(D)	536	1,821	31.6
Poland.....	12,749	12,385	-157	141	60	1,165	84.0	14,824	15,299	941	156	244	1,259	91.0
Portugal.....	19,244	8,462	2,363	96	81	1,014	39.0	26,255	9,677	2,949	99	77	(D)	K
Russia.....	9,817	6,924	23	(D)	0	590	35.0	(D)	8,797	75	98	4	632	37.1
Spain.....	92,030	56,251	4,444	760	520	7,251	214.0	121,131	70,421	6,476	792	561	8,238	219.9
Sweden.....	82,310	40,942	2,982	477	4,828	3,911	96.0	99,927	49,013	3,677	1,526	5,181	4,957	99.3
Switzerland.....	198,791	98,983	15,373	3,545	1,808	4,474	62.0	233,236	124,650	19,379	3,566	1,870	5,281	66.5
Turkey.....	7,153	8,642	308	(D)	(D)	736	39.0	8,240	11,004	474	212	92	834	40.9
United Kingdom.....	1,561,331	390,127	7,701	10,189	8,803	55,743	1,256.0	1,828,095	443,388	25,607	11,060	10,235	61,835	1,285.5
Other.....	31,114	12,463	2,179	145	(D)	1,059	83.0	(D)	15,734	3,457	(D)	111	1,160	92.9
Latin America and Other Western Hemisphere	980,586	367,758	40,055	40,649	51,219	32,366	1,997.0	1,157,196	391,347	71,482	38,629	52,711	32,000	1,993.0
South America.....	222,442	134,111	-5,752	6,525	(D)	14,979	754.0	240,565	144,769	6,851	6,106	(D)	15,067	771.9
Argentina.....	37,507	18,905	-4,407	793	553	2,129	93.0	39,812	21,044	775	822	608	1,967	95.8
Brazil.....	99,772	67,714	-4,227	3,257	1,655	7,620	396.0	111,315	74,394	1,930	2,933	1,982	7,942	399.9
Chile.....	24,161	10,536	593	423	(D)	1,100	65.0	27,920	11,924	994	450	(D)	1,309	84.6
Colombia.....	12,373	9,853	601	596	529	909	67.0	12,442	9,917	574	638	277	875	64.9
Ecuador.....	2,716	2,791	73	(D)	274	192	15.0	2,971	3,059	159	(D)	221	179	12.9
Peru.....	11,691	5,546	249	199	(D)	480	23.0	12,172	6,298	614	274	514	527	24.4
Venezuela.....	29,524	15,611	1,194	949	(D)	2,314	79.0	29,450	14,767	1,668	726	(D)	2,041	76.1
Other.....	4,698	3,156	172	(D)	23	236	14.0	4,482	3,365	136	(D)	29	227	13.3
Central America.....	175,306	156,195	8,106	33,011	43,943	15,417	1,177.0	172,054	153,956	10,186	31,476	44,746	15,003	1,154.2
Costa Rica.....	4,915	2,733	49	316	906	306	27.0	6,592	2,912	297	322	907	329	28.6
Honduras.....	1,342	1,635	25	183	191	188	20.0	1,353	1,774	137	268	239	174	20.0
Mexico.....	138,224	138,725	5,807	31,511	42,583	14,072	1,047.0	134,223	137,639	7,458	29,965	43,240	13,663	1,047.0
Panama.....	(D)	8,658	2,017	511	14	(D)	L	24,592	6,842	2,076	379	16	551	33.3
Other.....	(D)	4,444	207	490	249	(D)	J	5,293	4,788	218	542	343	286	25.3
Other Western Hemisphere.....	582,838	77,453	37,701	1,113	(D)	1,971	67.0	744,577	92,623	54,445	1,047	(D)	1,930	66.9
Barbados.....	(D)	3,995	2,058	74	(D)	49	2.0	18,219	4,471	2,106	80	(D)	49	1.5
Bermuda.....	307,544	38,044	26,937	59	11	500	9.0	389,021	42,822	36,129	79	(D)	496	7.9
Dominican Republic.....	4,491	3,349	820	108	364	241	22.0	(D)	(D)	111	198	(D)	J	
United Kingdom Islands, Caribbean.....	186,212	18,136	3,855	276	(D)	511	7.0	244,719	(D)	(D)	168	638	456	6.9
Other.....	(D)	13,928	4,030	596	(D)	670	28.0	(D)	15,012	4,100	608	(D)	(D)	K
Africa	76,719	42,596	3,394	922	(D)	3,687	222.0	92,872	50,199	5,586	1,126	(D)	3,942	226.8
Egypt.....	7,109	5,117	659	(D)	(*)	245	31.0	8,109	5,680	480	(D)	2	242	29.7
Nigeria.....	9,583	5,391	833	(D)	(D)	200	9.0	12,719	6,742	1,370	(D)	(D)	236	9.6
South Africa.....	14,046	16,225	408	445	(D)	2,174	116.0	18,390	19,050	928	574	(D)	2,237	116.4
Other.....	45,981	15,863	1,494	293	1,618	1,069	66.0	53,654	18,727	2,807	339	1,833	1,226	71.1
Middle East	64,430	35,620	5,200	565	(D)	3,273	88.0	69,714	43,001	7,723	864	(D)	3,452	84.4
Israel.....	20,799	11,831	1,036	173	429	1,889	53.0	21,348	12,356	1,543	390	645	2,011	50.5
Saudi Arabia.....	20,527	10,519	1,515	56	(D)	668	15.0	19,738	13,029	2,912	74	6	683	14.1
United Arab Emirates.....	(D)	(D)	(D)	(D)	41	329	9.0	8,062	7,852	276	335	(D)	352	9.0
Other.....	(D)	(D)	(D)	(D)	(D)	387	11.0	20,566	9,765	2,990	64	(D)	406	10.7
Asia and Pacific	1,096,695	680,869	37,836	36,435	38,061	60,109	2,179.0	1,306,796	782,276	50,671	38,171	42,082	65,200	2,239.7
Australia.....	154,118	73,327	4,167	4,146	1,271	10,606	315.0	183,207	89,704	4,837	4,308	1,354	12,532	329.0
China.....	45,783	46,718	3,402	3,139	2,909	2,763	357.0	52,719	56,831	4,835	3,550	2,513	3,214	387.3
Hong Kong.....	101,089	51,946	4,737	3,381	(D)	3,695	99.0	130,033	57,271	6,397	2,842	(D)	3,739	113.3
India.....	16,699	10,392	165	510	177	1,169	131.0	20,677	12,092	461	499	269	1,473	157.6
Indonesia.....	33,747	14,314	2,142	232	93	890	80.0	34,603	16,322	2,926	301	68	1,010	80.4
Japan.....	426,826	254,865	8,543	10,296	9,677	28,043	509.0	524,589	282,096	11,617	10,698	11,064	29,455	501.0
Korea, Republic of.....	35,809	32,833	1,501	1,774	444	2,962	98.0	40,153	41,233	2,010	1,995	873	3,272	105.4
Malaysia.....	30,291	31,033	2,433	1,341	6,036	1,343	106.0	32,091	35,622	2,071	1,703	8,172	1,391	98.0
New Zealand.....	19,726	10,237	576	329	97	1,202	46.0	23,179	12,706	708	365	119	1,470	47.6
Philippines.....	20,498	12,136	1,113	1,256	601	711	94.0	21,662	12,509	1,287	1,353	648	708	86.9
Singapore.....	119,522	89,058	6,540	(D)	(D)	3,551	104.0	138,040	104,955	8,967	7,189	(D)	3,623	100.8
Taiwan.....	50,945	27,435	1,298	(D)	1,425	1,837	81.0	62,157	29,801	2,423	2,469	1,109	1,853	79.7
Thailand.....	30,437	21,489	824	801										

Table 12.1. Selected Data for Majority-Owned Nonbank Foreign Affiliates by Country of Affiliate, 2002

	Millions of dollars												Thousands of employees
	Total assets	Sales				Net income	Capital expenditures	Research and development expenditures	U.S. exports of goods shipped to MOFAs	U.S. imports of goods shipped by MOFAs	Value added	Compensation of employees	
		Total sales	Goods	Services	Investment income ¹								
All countries	6,126,173	2,515,641	1,977,874	448,152	89,615	212,564	110,275	21,063	170,735	197,134	601,606	268,919	8,255.6
Canada	480,481	323,755	272,808	42,563	8,384	14,040	16,941	2,274	56,108	73,619	70,182	34,144	1,061.6
Europe	3,790,099	1,313,101	1,025,308	241,245	46,548	123,126	52,373	13,453	40,551	43,202	341,703	159,656	3,727.6
Austria.....	17,709	10,126	8,250	1,806	70	484	453	52	210	110	3,135	1,595	30.8
Belgium.....	153,059	51,455	44,112	5,032	2,311	5,003	1,512	502	3,621	1,275	13,406	6,202	113.2
Czech Republic.....	6,069	5,825	5,015	698	112	164	271	11	24	26	1,531	488	46.7
Denmark.....	37,894	9,352	7,006	2,169	177	2,568	412	(D)	115	207	2,907	1,764	37.0
Finland.....	8,877	7,306	5,832	1,365	109	401	224	72	119	174	1,933	781	17.0
France.....	184,383	126,465	101,290	23,743	1,432	2,773	3,822	1,690	3,615	3,072	35,771	22,157	548.7
Germany.....	311,585	202,971	171,580	26,344	5,047	3,408	6,786	3,598	6,327	4,827	59,630	31,452	606.5
Greece.....	4,020	3,985	3,610	318	57	201	68	15	53	(D)	812	389	12.9
Hungary.....	6,655	8,032	7,086	915	31	162	482	19	175	709	1,670	569	46.9
Ireland.....	241,136	84,817	76,896	6,579	1,342	27,125	2,880	(D)	2,205	13,081	22,996	3,164	83.4
Italy.....	80,612	71,129	60,905	9,348	876	2,049	2,218	548	1,413	1,184	21,421	8,661	221.6
Luxembourg.....	274,981	6,391	5,357	587	447	17,879	370	(D)	60	(D)	1,383	478	9.4
Netherlands.....	501,397	107,241	88,176	14,761	4,304	19,568	2,836	419	6,767	2,128	19,560	8,336	177.4
Norway.....	28,456	17,591	14,935	2,464	192	1,450	4,449	35	335	193	8,714	1,764	32.1
Poland.....	10,102	10,271	8,873	1,245	153	-50	647	29	139	60	2,538	991	71.8
Portugal.....	17,471	6,994	6,249	632	113	2,226	210	29	92	81	3,166	853	33.9
Russia.....	5,862	6,139	5,440	613	86	260	424	2	31	0	1,497	523	31.6
Spain.....	83,267	49,003	42,208	6,092	703	3,865	2,043	209	740	519	10,777	6,626	185.8
Sweden.....	81,748	40,847	30,453	9,741	653	2,978	1,147	1,317	477	4,828	7,881	3,875	95.5
Switzerland.....	197,087	97,816	80,460	15,803	1,553	15,294	1,176	392	3,545	1,808	10,671	4,345	58.6
Turkey.....	4,098	(D)	(D)	(D)	(D)	112	99	13	186	28	1,883	602	32.0
United Kingdom.....	1,505,448	372,646	236,706	109,263	26,677	13,203	17,369	3,856	10,159	8,780	104,608	53,132	1,161.5
Other.....	28,184	10,759	(D)	(D)	(D)	2,000	2,474	9	144	76	3,813	910	73.5
Latin America and Other Western Hemisphere	849,161	309,909	238,528	56,168	15,213	36,338	14,640	785	39,388	48,157	59,519	25,927	1,599.4
South America.....	174,860	114,112	86,113	25,652	2,347	-4,763	6,955	389	6,280	4,229	25,782	12,405	632.4
Argentina.....	33,023	17,235	13,235	3,536	464	-2,675	1,029	24	791	553	4,249	1,968	82.3
Brazil.....	77,258	58,352	44,435	12,794	1,123	-3,863	3,364	305	3,130	1,521	10,997	6,476	343.6
Chile.....	18,244	8,061	5,444	2,265	352	380	350	6	421	443	2,040	780	49.7
Colombia.....	11,022	8,962	7,611	1,250	101	542	289	10	596	516	2,528	817	51.8
Ecuador.....	2,546	2,461	2,051	1,376	34	65	307	(*)	132	274	438	167	12.6
Peru.....	9,850	4,543	3,856	647	40	155	461	2	199	460	1,174	394	19.4
Venezuela.....	19,934	11,851	7,250	4,405	196	533	1,027	42	915	440	3,823	1,619	62.9
Other.....	2,985	2,647	2,231	378	38	100	127	1	96	23	532	182	10.1
Central America.....	126,108	125,653	112,167	10,978	2,508	5,081	5,275	287	32,046	42,259	24,181	12,022	920.6
Costa Rica.....	4,861	2,668	2,557	95	16	47	122	7	316	906	497	294	26.2
Honduras.....	1,265	1,543	1,524	7	12	20	36	0	183	191	402	177	18.1
Mexico.....	108,672	113,701	102,124	9,169	2,408	4,610	4,784	280	30,551	40,911	21,644	11,145	844.9
Panama.....	6,682	3,526	2,578	917	31	228	90	(*)	507	14	526	165	11.3
Other.....	4,628	4,216	3,384	790	42	176	243	(*)	490	237	1,112	241	20.2
Other Western Hemisphere.....	548,193	70,144	40,248	19,537	10,359	36,020	2,410	108	1,062	1,669	9,556	1,500	46.5
Barbados.....	13,336	3,825	2,146	1,535	144	2,036	11	(D)	74	(D)	1,583	32	1.0
Bermuda.....	295,649	34,837	18,676	9,797	6,364	26,068	147	2	59	11	2,598	351	5.3
Dominican Republic.....	3,911	2,728	1,480	1,248	0	506	399	(D)	97	364	898	180	17.8
United Kingdom Islands, Caribbean.....	169,907	17,394	11,013	2,994	3,387	3,727	780	(D)	276	(D)	1,405	488	6.7
Other.....	65,390	11,360	6,933	3,963	464	3,683	1,073	2	557	1,086	3,071	449	15.6
Africa	60,749	34,070	30,010	3,944	116	2,821	5,352	29	753	1,802	13,475	2,415	142.7
Egypt.....	5,692	4,318	4,032	280	6	576	488	5	118	(*)	1,474	181	20.6
Nigeria.....	9,232	5,274	4,736	538	0	791	1,238	0	31	(D)	3,671	194	7.9
South Africa.....	7,617	10,229	9,098	1,082	49	144	186	(D)	421	(D)	2,187	1,083	57.4
Other.....	38,209	14,249	12,144	2,044	61	1,311	3,440	(D)	183	1,618	6,142	958	56.8
Middle East	29,474	15,317	12,482	2,697	138	2,070	968	736	459	792	6,333	2,147	55.8
Israel.....	12,174	6,537	5,561	932	44	764	237	736	172	429	2,450	1,367	36.9
Saudi Arabia.....	5,557	1,539	711	817	11	7	26	0	7	(D)	112	243	5.7
United Arab Emirates.....	4,818	3,174	2,699	434	41	163	49	0	237	41	870	265	5.5
Other.....	6,925	4,068	3,511	514	43	1,135	656	0	43	(D)	2,902	272	7.7
Asia and Pacific	916,209	519,489	398,739	101,535	19,215	34,168	20,001	3,786	33,476	29,562	110,394	44,630	1,668.3
Australia.....	142,745	60,255	42,632	15,436	2,187	3,702	5,920	310	4,048	1,270	19,539	9,375	263.1
China.....	40,012	41,364	37,514	3,798	52	2,857	2,139	645	1,955	2,733	7,631	2,428	316.7
Hong Kong.....	98,681	51,235	40,102	8,828	2,305	4,638	507	(D)	3,363	5,607	7,104	3,613	95.9
India.....	13,743	8,520	6,447	1,769	304	162	1,138	75	478	173	2,141	933	105.5
Indonesia.....	25,954	11,508	10,473	910	125	1,798	1,599	3	230	93	5,209	759	68.1
Japan.....	324,842	152,131	97,999	43,862	10,270	7,095	2,944	1,541	9,144	1,865	34,731	16,491	243.9
Korea, Republic of.....	19,353	18,525	14,936	3,283	306	1,333	670	169	1,675	297	5,006	2,240	70.1
Malaysia.....	23,568	28,386	26,569	1,651	166	2,477	984	(D)	1,322	6,036	5,825	1,139	97.5
New Zealand.....	14,578	7,427	5,797	1,404	226	310	365	6	329	97	1,855	918	35.8
Philippines.....	17,887	11,153	8,856	2,070	227	1,059	600	50	1,255	601	2,846	640	84.6
Singapore.....	117,431	84,627	77,635	5,884	1,108	6,370	1,275	398	6,663	8,828	9,995	3,411	100.6
Taiwan.....	44,988	24,127	13,601	9,111	1,415	1,034	386	69	2,026	1,423	3,481	1,633	70.9
Thailand.....	22,293	15,902	13,003	2,431	468	970	823	19	801	541	3,753	795	93.6
Other.....	10,135	4,327	3,175	1,097	55	361	650	1	187	0	1,277	255	21.9
Addenda:													
European Union (15) ²	3,503,585	1,150,729	888,629	217,781	44,319	103,733	42,350	12,941	35,972	40,304	309,386	149,465	3,334.5
OPEC ³	75,163	36,916	29,013	7,524	379	4,185	4,750	45	1,474	1,015	16,271	3,409	155.6

MOFAs Majority-owned foreign affiliates.

¹ Less than \$500,000 (+/-).

D Suppressed to avoid disclosure of data of individual companies.

Table 12.2. Selected Data for Majority-Owned Nonbank Foreign Affiliates by Country of Affiliate, 2003

	Millions of dollars											Thousands of employees	
	Total assets	Sales				Net income	Capital expenditures	Research and development expenditures	U.S. exports of goods shipped to MOFAs	U.S. imports of goods shipped by MOFAs	Value added		Compensation of employees
		Total sales	Goods	Services	Investment income ¹								
All countries	7,468,713	2,905,867	2,298,027	507,508	100,332	336,153	114,973	22,328	177,432	210,729	704,653	296,397	8,363.9
Canada	557,636	370,153	315,018	45,376	9,759	21,669	200,396	2,461	58,128	77,189	83,514	37,829	1,067.2
Europe	4,670,836	1,545,697	1,212,616	282,765	50,316	200,396	53,848	14,384	45,964	49,243	398,533	179,339	3,763.9
Austria.....	22,531	12,598	10,414	2,116	68	1,348	611	35	202	(D)	3,715	1,770	31.2
Belgium.....	204,706	61,663	52,301	6,668	2,694	6,665	1,806	464	4,798	1,709	16,136	7,327	117.0
Czech Republic.....	7,617	7,395	6,419	868	108	375	276	18	29	38	1,875	611	51.6
Denmark.....	45,068	11,213	8,565	2,422	226	2,867	448	59	142	172	3,415	2,058	37.1
Finland.....	10,205	8,984	7,308	1,600	76	323	218	102	131	204	2,169	925	20.0
France.....	206,852	150,086	121,198	27,380	1,508	6,075	4,012	1,797	4,025	3,238	41,764	25,756	556.8
Germany.....	366,539	220,886	184,158	31,254	5,474	15,015	7,038	3,676	6,313	5,056	66,861	34,711	584.3
Greece.....	6,443	5,103	4,655	388	60	264	76	16	60	16	1,075	474	13.8
Hungary.....	8,512	9,579	8,470	1,076	33	308	466	15	301	751	2,074	719	47.8
Ireland.....	334,602	112,326	101,121	9,977	1,228	31,766	2,766	(D)	2,138	15,116	28,287	3,705	85.0
Italy.....	97,203	86,701	73,809	12,020	872	3,385	2,587	613	2,065	1,305	25,252	9,993	223.1
Luxembourg.....	434,072	7,500	5,911	917	672	22,603	205	91	506	(D)	890	547	9.2
Netherlands.....	603,806	125,843	103,470	16,833	5,540	46,402	3,531	(D)	7,408	2,385	25,027	9,129	173.4
Norway.....	32,478	21,355	18,419	2,707	229	1,740	1,999	37	327	535	9,639	1,724	29.8
Poland.....	11,811	12,865	(D)	(D)	(D)	729	509	37	152	244	3,528	1,037	72.9
Portugal.....	24,483	8,099	7,029	923	147	2,763	243	21	94	77	3,619	969	33.7
Russia.....	7,583	8,032	7,178	760	94	418	612	1	70	0	1,782	553	33.5
Spain.....	108,651	61,750	53,333	7,670	747	5,323	1,787	318	779	560	13,323	7,441	191.9
Sweden.....	99,561	48,907	36,697	11,511	699	3,669	1,225	1,404	1,526	5,181	9,210	4,917	98.8
Switzerland.....	231,943	123,642	101,707	20,562	1,373	19,330	1,231	526	3,566	1,870	13,035	5,139	63.0
Turkey.....	4,965	7,969	(D)	(D)	(D)	286	156	17	182	16	2,714	679	33.7
United Kingdom.....	1,768,473	419,416	269,403	121,758	28,255	25,400	19,187	4,038	11,049	10,222	117,516	58,120	1,171.3
Other.....	32,733	13,784	12,370	1,355	59	3,341	2,860	8	99	111	5,627	1,036	84.8
Latin America and Other Western Hemisphere	1,024,514	334,424	254,936	61,176	18,312	62,434	12,256	689	36,989	49,265	71,597	25,477	1,592.0
South America.....	194,115	124,383	95,936	26,274	2,173	4,393	5,709	380	5,806	4,478	32,520	12,415	638.5
Argentina.....	35,337	19,079	15,100	3,579	400	508	1,209	22	820	608	5,925	1,790	84.5
Brazil.....	87,451	65,140	51,420	12,558	1,162	776	2,287	326	2,778	1,898	14,781	6,790	349.2
Chile.....	22,184	8,902	5,626	2,966	310	772	269	9	449	472	2,553	867	53.6
Colombia.....	11,100	8,994	7,588	1,336	70	546	326	8	638	257	2,549	768	49.4
Ecuador.....	2,815	2,843	2,335	468	40	158	222	(*)	97	220	558	157	10.6
Peru.....	10,424	5,319	4,607	678	34	515	420	2	273	505	1,631	429	20.7
Venezuela.....	21,625	11,172	6,795	4,260	117	1,019	828	12	661	488	3,976	1,434	60.7
Other.....	3,179	2,934	2,463	429	42	99	149	1	91	29	548	180	9.9
Central America.....	125,960	125,200	110,523	12,472	2,205	6,574	4,644	(D)	30,193	42,429	25,914	11,656	907.4
Costa Rica.....	6,536	2,840	2,724	105	11	295	137	6	322	907	788	316	28.0
Honduras.....	1,345	1,751	1,732	8	11	136	46	0	268	239	477	173	19.5
Mexico.....	106,537	112,313	99,900	10,298	2,115	5,714	4,179	(D)	28,687	40,937	22,897	10,761	827.1
Panama.....	6,729	3,757	2,600	1,130	27	240	93	(*)	375	16	464	150	11.7
Other.....	4,813	4,539	3,568	931	40	190	188	(*)	542	330	1,288	256	21.0
Other Western Hemisphere.....	704,439	84,841	48,477	22,430	13,934	51,467	1,903	(D)	990	2,358	13,162	1,406	46.1
Barbados.....	17,538	4,280	2,283	1,857	140	2,085	27	(D)	80	(D)	1,881	31	1.0
Bermuda.....	374,744	39,182	20,550	11,706	6,926	34,782	87	0	79	(D)	5,632	335	4.6
Dominican Republic.....	3,715	2,950	1,744	1,205	1	342	278	1	98	198	658	188	18.5
United Kingdom Islands, Caribbean.....	228,302	26,273	16,437	3,381	6,455	10,481	407	(D)	168	638	1,923	453	6.8
Other.....	80,140	12,156	7,463	4,281	412	3,778	1,104	1	564	1,390	3,069	400	15.1
Africa	74,356	40,845	36,039	4,671	135	4,812	6,922	29	927	2,124	16,881	2,764	151.8
Egypt.....	6,530	4,672	4,370	296	6	400	485	4	143	2	1,624	180	20.4
Nigeria.....	12,298	6,620	6,006	614	0	1,284	2,264	0	34	(D)	5,004	230	8.3
South Africa.....	9,203	12,787	11,292	1,437	58	621	209	23	524	(D)	2,763	1,236	61.0
Other.....	46,325	16,766	14,372	2,324	70	2,508	3,963	3	225	1,833	7,490	1,119	62.1
Middle East	33,356	18,061	15,072	2,866	123	2,674	1,831	692	768	942	6,831	2,268	52.4
Israel.....	13,711	6,823	5,790	1,007	26	872	228	692	386	645	2,531	1,490	35.1
Saudi Arabia.....	4,437	1,532	894	625	13	403	13	0	9	(*)	226	224	4.4
United Arab Emirates.....	5,792	4,439	3,863	537	39	192	72	(*)	333	(D)	955	280	5.3
Other.....	9,415	5,267	4,526	697	44	1,207	1,518	0	39	(D)	3,119	274	7.6
Asia and Pacific	1,108,015	596,687	464,346	110,654	21,687	44,167	19,890	4,073	34,655	31,967	127,298	48,719	1,736.6
Australia.....	171,705	74,486	52,458	19,113	2,915	4,401	6,280	420	4,228	1,351	23,865	11,072	279.7
China.....	44,997	48,823	44,610	4,135	78	3,666	1,573	565	2,222	2,342	8,730	2,805	343.6
Hong Kong.....	127,642	56,227	44,233	9,401	2,593	6,009	674	227	2,799	5,865	8,371	3,646	109.7
India.....	17,295	9,964	7,759	1,859	346	389	543	81	479	237	2,474	1,224	130.7
Indonesia.....	26,831	12,914	11,649	1,090	175	2,493	1,420	4	298	67	6,130	868	67.7
Japan.....	409,813	170,812	114,378	45,180	11,254	9,524	3,536	1,657	9,446	2,263	38,930	17,267	238.7
Korea, Republic of.....	22,438	21,014	16,633	4,106	275	1,459	724	202	1,679	298	5,476	2,543	78.1
Malaysia.....	25,018	32,211	30,432	1,598	181	1,935	1,059	251	1,618	8,172	5,474	1,165	89.3
New Zealand.....	17,741	9,881	7,723	1,884	274	299	356	9	365	119	2,432	1,196	38.6
Philippines.....	18,804	11,476	9,376	1,851	249	1,114	475	52	1,352	648	2,892	631	77.7
Singapore.....	135,974	98,350	90,326	7,177	847	8,957	1,571	516	6,811	8,359	12,020	3,470	97.8
Taiwan.....	55,074	26,165	15,029	9,200	1,936	2,104	423	65	2,466	1,108	4,251	1,659	69.8
Thailand.....	25,316	19,094	15,922	2,673	499	1,183	858	24	764	1,134	4,633	931	95.8
Other.....	9,368	5,269	3,816	1,387	66	634	398	(*)	128	5	1,620	241	19.6
Addenda:													
European Union (15) ²	4,333,195	1,341,074	1,039,372	253,439	48,263	173,870	45,741	13,725	41,237	45,678	358,258	167,841	3,346.7
OPEC ³	82,585	41,193	33,126	7,717	350	6,428	5,727	17	1,368	1,058	19,078	3,339	151.6

MOFAs Majority-owned foreign affiliates.

¹ Less than \$500

Table 13.1. Employment of Majority-Owned Nonbank Foreign Affiliates, Country by Industry of Affiliate, 2002

[Thousands of employees]

	All industries	Mining	Utilities	Manufacturing								Wholesale trade	Information	Finance (except depository institutions and insurance)	Professional, scientific, and technical services	Other industries
				Of which:												
				Total	Food	Chemicals	Primary and fabricated metals	Machinery	Computers and electronic products	Electrical equipment, appliances, and components	Transportation equipment					
All countries	8,255.6	147.3	70.8	4,292.8	369.5	605.3	237.6	328.1	642.1	222.2	897.8	772.8	354.1	307.3	422.3	1,888.2
Canada	1,061.6	18.5	G	446.0	41.9	43.8	26.4	21.5	42.5	11.6	121.7	80.3	35.5	31.8	K	422.2
Europe	3,727.6	25.7	26.0	1,858.0	126.8	304.6	140.8	169.7	188.1	94.5	427.4	422.1	185.0	127.6	230.0	853.2
Austria.....	30.8	(*)	0.1	16.2	1.9	2.3	0.7	1.6	2.3	0.8	2.4	7.7	2.0	0.1	2.1	2.6
Belgium.....	113.2	0.1	0.0	66.4	7.7	19.4	2.0	6.2	0.3	4.0	11.8	14.3	3.0	2.2	8.7	18.6
Czech Republic.....	46.7	0.0	G	37.8	1.0	3.5	2.1	1.6	6.6	1.0	16.3	2.3	0.6	0.4	2.5	G
Denmark.....	37.0	0.3	0.0	17.3	G	1.1	1.0	6.5	2.3	(*)	0.3	8.9	1.4	0.2	4.9	3.9
Finland.....	17.0	0.0	0.0	7.6	0.1	1.2	0.2	0.9	2.9	0.1	0.6	5.0	0.4	0.1	1.5	2.4
France.....	548.7	0.3	(*)	252.3	13.4	55.1	15.2	24.7	27.3	12.4	44.4	62.6	12.6	10.1	22.1	188.8
Germany.....	606.5	1.8	0.2	378.4	10.8	43.1	25.9	35.7	40.5	21.4	129.8	77.9	17.6	12.3	31.1	87.2
Greece.....	12.9	0.0	0.0	6.1	2.0	1.5	0.7	0.0	0.2	0.0	0.0	4.0	(*)	0.4	1.0	1.3
Hungary.....	46.9	0.0	0.4	39.0	2.8	2.2	H	1.1	4.2	1.1	9.1	2.0	1.8	0.2	1.6	1.9
Ireland.....	83.4	(*)	0.0	58.1	1.8	10.9	2.3	0.5	21.2	2.2	1.2	5.5	5.2	1.7	4.4	8.4
Italy.....	221.6	0.1	0.2	132.2	4.5	30.3	10.0	14.9	17.4	10.2	23.1	25.8	9.4	4.0	9.6	40.3
Luxembourg.....	9.4	0.0	0.0	6.8	0.0	0.7	0.3	0.0	0.0	0.1	0.0	1.0	(*)	0.8	0.7	0.2
Netherlands.....	177.4	4.0	0.9	90.8	10.8	26.1	11.8	9.0	8.1	1.4	8.9	33.2	9.0	2.7	9.8	26.9
Norway.....	32.1	4.2	(*)	10.7	G	0.9	0.1	2.9	0.6	0.4	0.8	4.4	0.8	0.5	1.5	9.9
Poland.....	71.8	0.0	0.7	55.1	12.4	3.7	2.1	1.2	1.1	2.2	17.8	3.8	2.7	1.9	2.2	5.4
Portugal.....	33.9	0.0	0.0	22.6	3.5	1.9	0.5	0.9	2.3	0.3	9.9	6.3	0.7	0.5	1.4	2.3
Russia.....	31.6	1.4	0.0	18.3	3.0	6.2	0.0	0.6	0.1	0.5	1.1	3.3	0.7	0.2	1.4	6.3
Spain.....	185.8	0.1	0.2	112.8	9.0	18.8	9.3	6.1	5.7	7.4	34.3	22.9	6.3	5.5	8.6	29.5
Sweden.....	95.5	0.0	0.0	55.6	G	6.1	1.6	4.5	3.4	1.9	28.4	13.4	4.4	1.5	2.9	17.8
Switzerland.....	58.6	0.4	0.0	18.3	1.6	3.6	0.5	2.1	2.8	2.5	0.6	20.2	5.2	1.1	4.0	9.3
Turkey.....	32.0	0.1	(*)	14.9	1.0	4.0	0.1	(*)	0.0	0.2	3.6	8.9	(*)	0.2	1.1	6.8
United Kingdom.....	1,161.5	7.8	12.8	393.6	29.7	59.4	28.9	46.7	38.1	11.1	78.6	83.8	99.8	80.4	105.1	378.0
Other.....	73.5	5.1	I	47.3	I	2.8	J	1.8	0.8	2.2	4.4	5.0	1.4	0.4	1.8	H
Latin America and Other Western Hemisphere	1,599.4	43.5	29.5	1,026.2	115.1	127.8	39.0	62.7	107.7	50.2	268.4	77.4	74.6	42.4	24.1	281.6
South America.....	632.4	35.9	23.8	346.4	51.4	77.9	15.7	37.5	12.4	9.8	65.6	44.7	49.4	21.5	14.2	96.6
Argentina.....	82.3	6.0	4.0	37.1	6.6	10.7	1.1	1.2	0.2	0.2	7.5	6.1	6.8	7.2	2.4	12.6
Brazil.....	343.6	4.0	12.0	235.1	22.0	48.3	12.4	34.2	12.2	8.5	49.4	19.9	29.5	7.2	4.4	31.4
Chile.....	49.7	2.4	2.1	11.8	1.9	4.4	0.4	0.5	0.0	0.4	0.5	4.2	3.9	2.9	1.6	20.9
Colombia.....	51.8	3.7	(*)	19.4	5.9	5.5	0.5	0.0	0.0	0.4	1.3	5.5	2.7	2.3	1.4	16.8
Ecuador.....	12.6	1.2	0.1	7.7	4.5	0.8	(*)	0.0	0.0	0.0	F	1.3	0.7	0.1	0.4	1.2
Peru.....	19.4	10.8	0.2	2.5	1.0	0.8	0.1	0.0	0.0	0.0	0.0	2.3	1.6	0.1	0.4	1.4
Venezuela.....	62.9	6.0	5.1	28.8	7.7	6.8	1.1	1.6	(*)	0.2	6.2	4.1	2.9	1.4	3.0	11.6
Other.....	10.1	1.6	0.4	4.0	1.7	0.5	0.0	0.2	0.0	0.0	A	1.2	1.3	0.3	0.6	0.7
Central America.....	920.6	2.4	2.9	659.1	62.4	48.0	22.3	25.1	95.2	40.3	202.8	29.2	J	16.3	9.7	M
Costa Rica.....	26.2	(*)	0.0	15.4	2.5	0.9	0.5	(*)	H	2.8	0.0	0.8	F	0.1	0.6	I
Honduras.....	18.1	0.0	(*)	9.8	1.6	0.2	0.0	0.0	0.0	0.1	G	0.4	(*)	0.4	0.0	7.5
Mexico.....	844.9	2.2	0.8	619.8	55.1	43.9	21.7	25.0	90.2	37.4	199.2	25.1	20.1	15.2	8.8	152.8
Panama.....	11.3	0.1	0.4	2.6	0.3	0.5	0.0	0.0	0.0	0.0	G	1.2	(*)	0.3	(*)	6.6
Other.....	20.2	(*)	1.7	11.5	2.9	2.6	0.1	0.0	G	0.0	0.0	1.8	G	0.3	0.2	H
Other Western Hemisphere.....	46.5	5.2	2.8	20.6	1.3	1.8	1.0	0.2	0.1	0.0	0.0	3.5	H	4.6	0.3	I
Barbados.....	1.0	0.0	0.0	0.5	0.2	0.1	0.0	0.0	(*)	0.0	0.0	0.2	0.1	(*)	0.1	0.1
Bermuda.....	5.3	(*)	0.0	0.2	0.0	(*)	0.0	0.2	0.0	0.0	0.0	0.4	(*)	3.7	0.1	1.0
Dominican Republic.....	17.8	0.0	G	12.7	0.9	0.6	0.2	0.0	0.0	0.0	0.0	0.6	H	0.0	(*)	0.4
United Kingdom Islands, Caribbean.....	6.7	1.8	0.0	3.3	(*)	0.0	0.4	(*)	(*)	0.0	0.0	0.2	0.1	0.4	0.1	0.7
Other.....	15.6	3.3	G	4.0	0.1	1.1	0.3	(*)	(*)	0.0	0.0	2.0	0.1	0.6	(*)	H
Africa	142.7	15.3	H	75.7	13.0	10.0	3.0	6.3	H	2.3	13.9	16.4	2.6	1.6	I	22.0
Egypt.....	20.6	1.1	0.0	14.2	G	2.2	0.3	3.2	0.0	0.0	0.0	2.1	0.1	0.3	A	H
Nigeria.....	7.9	5.2	0.1	1.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.9
South Africa.....	57.4	(*)	0.0	33.9	2.9	5.0	1.2	3.0	0.2	2.3	J	9.2	2.5	0.4	5.0	6.5
Other.....	56.8	8.9	H	26.6	I	1.9	1.5	0.1	H	(*)	H	4.5	0.1	0.9	0.1	J
Middle East	55.8	7.5	(*)	25.5	2.1	1.5	0.6	2.0	J	0.1	0.1	5.0	2.3	1.2	5.7	8.6
Israel.....	36.9	0.0	0.0	22.7	G	1.0	0.2	1.6	J	0.1	0.1	3.6	1.5	0.5	3.6	5.0
Saudi Arabia.....	5.7	1.4	(*)	0.8	0.0	0.2	0.4	0.2	(*)	0.0	(*)	0.1	F	A	1.4	G
United Arab Emirates.....	5.5	2.5	0.0	0.3	0.0	0.1	0.0	0.2	0.0	0.0	0.0	1.0	A	0.3	0.5	F
Other.....	7.7	3.6	0.0	1.7	A	0.2	(*)	(*)	0.0	0.0	0.0	0.2	(*)	A	0.2	G
Asia and Pacific	1,668.3	36.8	9.8	861.4	70.6	117.5	27.8	65.9	284.3	63.6	66.3	171.6	54.0	102.8	131.3	300.6
Australia.....	263.1	4.8	2.6	97.0	19.8	15.2	9.3	8.0	3.9	0.5	20.2	22.4	16.6	9.8	28.0	82.0
China.....	316.7	1.4	H	209.9	9.8	27.1	10.5	21.3	70.3	41.5	11.3	23.5	3.8	G	4.9	69.0
Hong Kong.....	95.9	0.0	F	45.5	G	1.6	0.9	1.8	10.2	7.6	0.3	15.7	3.0	8.0	7.0	J
India.....	105.5	0.1	0.1	50.7	1.6	8.2	G	13.3	5.3	3.8	5.9	14.3	4.8	2.2	30.0	3.2
Indonesia.....	68.1	23.9	0.5	28.6	H	5.7	A	1.3	0.2	3.0	1.9	1.8	0.1	5.2	0.9	7.3
Japan.....	243.9	(*)	0.0	75.8	1.0	28.8	1.4	5.8	22.6	1.7	3.7	33.5	10.6	45.9	39.1	39.0
Korea, Republic of.....	70.1	0.0	0.0	34.4	1.1	3.9	0.9	5.5	12.5	0.2	5.8	8.2	2.2	5.4	3.9	16.1
Malaysia.....	97.5	1.7	0.0	82.7	0.9	3.3	0.1	1.0	62.6	0.3	2.5	5.4	0.5	1.9	2.4	2.9
New Zealand.....	35.8	0.3	0.6	16.3	G	0.9	0.4	0.4	0.1	(*)	0.1	4.4	2.8	1.0	2.8	7.6
Philippines.....	84.6	(*)	2.2	61.8	11.0	4.3	0.0	0.5	28.7	2.6	H	6.4	5.4	3.1	2.3	3.3
Singapore.....	100.6	1.0	0.1	58.7	0.2	4.3	0.3	3.0	38.5	1.6	4.7	14.0	3.0	4.2	5.6	14.0
Taiwan.....	70.9	0.0	0.0	26.6	1.3	4.3	1.0	2.3	11							

Table 13.2. Employment of Majority-Owned Nonbank Foreign Affiliates, Country by Industry of Affiliate, 2003

[Thousands of employees]

	All industries	Mining	Utilities	Manufacturing								Wholesale trade	Information	Finance (except depository institutions) and insurance	Professional, scientific, and technical services	Other industries
				Of which:												
				Total	Food	Chemicals	Primary and fabricated metals	Machinery	Computers and electronic products	Electrical equipment, appliances, and components	Transportation equipment					
All countries	8,363.9	159.5	70.1	4,262.2	368.9	603.7	249.4	334.5	605.8	231.4	925.9	792.2	343.9	296.6	436.6	2,002.9
Canada	1,067.2	20.3	2.6	432.9	39.0	43.3	25.8	22.7	39.0	11.7	121.0	79.2	32.5	32.2	26.2	441.3
Europe	3,763.9	28.4	22.2	1,869.4	127.8	300.9	152.5	172.7	176.1	91.5	443.5	428.3	181.2	120.5	235.1	878.7
Austria.....	31.2	(*)	0.1	16.3	1.9	1.8	0.7	1.5	2.5	0.7	2.7	8.2	1.9	0.1	2.1	2.6
Belgium.....	117.0	0.2	0.0	63.3	6.3	18.4	2.2	5.7	0.6	3.7	11.9	17.4	2.9	2.6	9.5	21.1
Czech Republic.....	51.6	0.0	G	42.4	1.0	3.5	2.0	3.1	6.7	1.7	18.1	2.8	0.5	0.4	2.5	G
Denmark.....	37.1	0.4	0.0	17.1	G	1.2	0.9	6.5	1.4	(*)	0.3	9.3	1.3	0.2	4.9	3.9
Finland.....	20.0	0.0	0.0	9.7	0.1	1.3	0.2	1.1	4.6	0.1	0.6	5.7	0.5	0.1	1.6	2.4
France.....	556.8	0.3	0.0	257.9	12.6	59.0	16.4	28.5	24.7	10.5	45.1	63.3	13.0	10.0	21.2	191.3
Germany.....	584.3	1.6	0.2	361.6	11.4	42.7	28.5	35.5	35.0	19.0	127.0	73.9	14.6	11.5	32.3	88.6
Greece.....	13.8	0.0	0.0	7.1	2.0	1.5	0.7	0.0	0.1	0.0	0.0	3.9	(*)	0.4	1.0	1.3
Hungary.....	47.8	0.0	0.4	39.6	3.0	2.1	H	1.3	3.4	J	8.9	2.1	1.9	0.2	1.6	2.0
Ireland.....	85.0	(*)	0.0	58.9	1.7	12.2	2.4	0.5	19.9	2.5	1.4	5.6	5.1	1.7	5.0	8.6
Italy.....	223.1	0.1	0.2	132.4	4.3	30.2	9.4	15.0	17.1	10.8	22.8	25.6	9.6	3.7	9.5	42.1
Luxembourg.....	9.2	0.0	0.0	7.4	0.0	0.7	0.7	0.0	0.0	0.1	0.0	0.6	(*)	0.3	0.6	0.2
Netherlands.....	173.4	5.1	(*)	85.3	10.2	24.1	10.6	8.8	5.9	1.7	9.5	33.2	9.0	2.9	9.1	28.6
Norway.....	29.8	4.0	(*)	10.3	F	0.7	0.2	3.0	0.5	0.4	0.7	4.8	0.8	0.4	1.8	7.8
Poland.....	72.9	0.0	0.7	57.6	12.3	3.8	2.1	1.2	0.6	2.1	20.4	3.3	2.5	1.3	2.3	5.4
Portugal.....	33.7	0.0	0.0	22.2	3.4	1.9	0.5	1.0	2.2	0.3	9.6	6.1	0.7	0.8	1.4	2.5
Russia.....	33.5	2.9	0.0	19.1	4.1	4.1	0.0	G	0.1	0.6	1.3	3.7	0.7	0.2	1.4	5.5
Spain.....	191.9	0.1	0.2	115.2	10.5	18.8	8.8	6.1	6.9	7.2	35.4	22.7	6.0	5.6	9.2	32.9
Sweden.....	98.8	0.0	0.0	60.4	G	5.7	1.9	4.4	3.3	1.1	33.6	14.1	4.2	1.5	2.9	15.8
Switzerland.....	63.0	0.7	0.0	20.7	2.0	5.2	0.6	2.3	2.9	2.3	0.6	21.2	4.8	1.2	3.9	10.6
Turkey.....	33.7	0.1	(*)	16.7	1.1	4.5	0.1	(*)	0.0	0.2	4.9	8.9	(*)	0.2	1.1	6.8
United Kingdom.....	1,171.3	7.9	12.5	387.0	30.2	54.9	29.5	42.6	36.8	10.9	82.2	87.5	99.8	74.8	108.7	393.2
Other.....	84.8	5.1	I	61.2	I	2.7	K	G	0.8	H	6.6	4.6	1.3	0.5	1.8	H
Latin America and Other Western Hemisphere	1,592.0	52.1	28.1	988.6	115.1	126.4	37.8	67.4	106.9	48.5	268.7	78.8	72.0	39.9	25.5	306.9
South America.....	638.5	35.1	22.1	349.7	52.9	77.7	16.1	39.7	12.7	11.1	63.5	45.9	K	19.0	14.2	M
Argentina.....	84.5	7.1	2.8	36.2	7.1	9.6	1.0	1.2	0.2	0.2	7.4	6.3	7.3	7.0	2.4	15.3
Brazil.....	349.2	2.9	11.2	244.5	27.3	49.4	12.7	36.3	12.5	9.9	48.0	19.8	27.8	5.8	4.7	32.4
Chile.....	53.6	2.5	2.3	11.2	1.9	4.1	0.4	0.5	0.0	0.4	0.5	4.5	3.8	2.8	1.5	24.9
Colombia.....	49.4	3.9	(*)	17.1	4.3	5.5	0.5	0.0	0.0	0.4	1.1	5.9	2.8	1.6	1.3	16.8
Ecuador.....	10.6	1.0	0.1	5.6	2.2	0.8	(*)	0.0	0.0	0.0	F	1.7	F	0.1	0.4	G
Peru.....	20.7	11.0	0.2	3.3	1.1	0.8	0.3	0.0	0.0	0.0	0.0	2.7	1.6	0.1	0.4	1.5
Venezuela.....	60.7	5.5	5.0	27.9	7.4	7.1	1.1	1.6	(*)	0.1	5.4	3.9	2.9	1.3	3.0	11.3
Other.....	9.9	1.2	0.5	4.0	1.7	0.5	0.0	0.2	0.0	0.0	A	1.2	1.3	0.3	0.7	0.7
Central America.....	907.4	12.1	3.0	618.0	61.0	47.0	20.7	27.5	94.2	37.4	205.2	29.5	20.3	16.7	10.9	196.8
Costa Rica.....	28.0	(*)	0.0	15.5	2.3	0.9	0.4	(*)	H	2.8	0.0	F	0.6	0.1	1.5	I
Honduras.....	19.5	0.0	(*)	11.1	1.7	0.2	0.0	0.0	0.0	0.1	H	0.4	(*)	0.4	0.0	7.7
Mexico.....	827.1	12.0	0.8	576.4	53.9	42.6	20.1	27.5	88.9	34.5	200.2	25.5	18.3	15.7	9.1	169.2
Panama.....	11.7	(*)	0.4	2.6	0.3	0.5	0.0	0.0	0.0	0.0	G	1.2	(*)	0.3	(*)	7.2
Other.....	21.0	(*)	1.8	12.5	2.7	2.7	0.1	0.0	G	0.0	0.0	G	1.3	0.3	0.2	H
Other Western Hemisphere.....	46.1	4.9	3.0	20.9	1.2	1.8	1.0	0.2	0.1	0.0	0.0	3.4	H	4.1	0.3	I
Barbados.....	1.0	0.0	0.0	0.5	0.2	0.1	0.0	0.0	(*)	0.0	0.0	0.2	0.1	(*)	0.1	0.1
Bermuda.....	4.6	(*)	0.0	0.2	0.0	(*)	0.0	0.2	0.0	0.0	0.0	0.4	(*)	3.2	0.1	0.8
Dominican Republic.....	18.5	0.0	G	13.2	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.6	H	0.0	(*)	0.4
United Kingdom Islands, Caribbean.....	6.8	1.9	0.0	3.4	(*)	0.0	0.4	(*)	(*)	0.0	0.0	0.2	0.1	0.3	0.1	0.8
Other.....	15.1	3.1	G	3.6	0.2	1.2	0.3	(*)	(*)	0.0	0.0	1.9	0.1	0.7	(*)	H
Africa	151.8	16.4	I	72.4	12.4	9.6	3.4	5.5	H	1.0	J	16.5	2.3	1.4	5.2	K
Egypt.....	20.4	1.1	0.0	13.9	G	2.1	0.3	3.2	0.0	0.0	0.0	G	0.1	0.4	0.1	H
Nigeria.....	8.3	5.7	0.1	0.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.9
South Africa.....	61.0	(*)	0.0	30.6	2.4	4.6	1.5	2.2	A	1.0	J	9.4	2.1	0.3	4.8	13.7
Other.....	62.1	9.6	I	27.0	I	2.2	1.6	0.1	H	(*)	H	H	0.1	0.8	0.1	J
Middle East	52.4	5.9	A	24.1	2.1	1.5	0.6	1.7	J	0.1	A	5.3	2.6	1.2	5.3	I
Israel.....	35.1	0.0	0.0	21.5	1.9	1.0	0.2	1.4	J	0.1	A	3.6	2.1	0.5	3.1	4.4
Saudi Arabia.....	4.4	0.3	(*)	0.8	0.0	0.2	0.4	0.2	(*)	0.0	(*)	0.2	0.2	0.1	1.5	1.2
United Arab Emirates.....	5.3	1.9	0.0	0.3	0.0	0.1	0.0	0.2	0.0	0.0	0.0	1.3	0.2	0.3	0.5	0.8
Other.....	7.6	3.6	A	1.4	0.2	0.2	(*)	(*)	0.0	0.0	0.0	0.2	(*)	0.3	0.2	G
Asia and Pacific	1,736.6	36.3	9.4	874.8	72.5	121.9	29.3	64.5	265.4	78.5	78.5	184.1	53.3	101.4	139.2	338.1
Australia.....	279.7	5.3	2.3	100.3	20.8	15.7	9.4	7.1	3.6	0.8	22.8	25.0	14.4	13.3	28.9	90.2
China.....	343.6	1.6	2.6	221.5	10.5	25.5	12.3	22.2	71.4	41.0	15.0	25.8	4.3	G	4.7	L
Hong Kong.....	109.7	0.0	F	56.7	G	1.6	0.5	1.6	9.0	20.5	0.3	14.9	3.1	8.0	7.0	J
India.....	130.7	0.4	0.0	52.9	1.7	10.5	G	12.6	5.3	3.1	7.1	18.9	4.3	2.9	38.2	13.1
Indonesia.....	67.7	23.1	0.4	30.6	H	8.1	0.2	1.2	0.2	3.1	1.9	1.6	0.1	4.0	0.9	7.0
Japan.....	238.7	(*)	0.0	77.9	1.0	31.1	G	5.4	20.9	2.8	3.9	35.8	11.4	39.6	38.2	35.8
Korea, Republic of.....	78.1	0.0	0.0	36.3	1.0	3.9	0.9	5.4	12.6	0.8	6.7	8.1	2.4	6.3	4.2	20.8
Malaysia.....	89.3	G	0.0	73.9	0.9	3.2	0.1	1.0	53.9	0.7	2.3	5.4	0.5	2.0	2.7	H
New Zealand.....	38.6	0.3	0.7	15.8	G	0.9	0.4	0.4	0.1	(*)	0.1	6.2	2.6	1.0	3.0	8.8
Philippines.....	77.7	(*)	2.2	56.6	11.1	3.8	0.0	0.5	27.7	2.5	H	6.2	5.3	3.0	1.3	2.9
Singapore.....	97.8	1.0	0.1	55.4	0.2	4.6	0.5	3.0	34.7	2.2	4.7	13.9	3.5	4.2	5.7	14.0
Taiwan.....	69.8	0.0	0.0	25.2	0.8	4.0	0.9	1.9	11.0	0.7						

Table 14.1. Value Added of Majority-Owned Nonbank Foreign Affiliates, Country by Industry of Affiliate, 2002

[Millions of dollars]

	All industries	Mining	Utilities	Manufacturing								Wholesale trade	Information	Finance (except depository institutions) and insurance	Professional, scientific, and technical services	Other industries
				Of which:												
				Total	Food	Chemicals	Primary and fabricated metals	Machinery	Computers and electronic products	Electrical equipment, appliances, and components	Transportation equipment					
All countries	601,606	58,088	8,102	308,965	18,761	68,371	11,627	16,563	33,019	7,147	45,232	92,784	24,687	23,997	31,251	53,733
Canada	70,182	8,151	(D)	39,777	2,491	5,006	1,826	1,369	2,052	640	10,731	5,311	1,675	1,767	(D)	11,946
Europe	341,703	19,091	3,076	182,915	11,008	45,409	6,898	10,691	14,526	4,563	23,713	60,485	16,749	10,333	19,008	30,048
Austria.....	3,135	1	9	1,588	332	317	26	108	318	49	170	1,050	137	-10	163	198
Belgium.....	13,406	5	0	9,401	699	3,506	125	403	18	(D)	1,032	1,886	76	-183	917	1,304
Czech Republic.....	1,531	(*)	(D)	1,361	23	134	37	23	85	17	383	129	-95	-1	34	(D)
Denmark.....	2,907	601	0	1,139	(D)	129	55	345	134	(*)	9	735	108	23	359	-58
Finland.....	1,933	0	0	609	6	153	75	71	152	7	36	1,047	27	7	138	107
France.....	35,771	24	14	20,365	1,122	5,174	816	1,497	2,025	789	2,047	5,778	956	779	1,424	6,432
Germany.....	59,630	887	25	34,061	1,443	4,715	1,351	2,399	2,869	1,620	9,439	14,802	1,473	759	2,773	4,850
Greece.....	812	(*)	0	359	94	139	45	0	9	0	0	360	1	47	36	9
Hungary.....	1,670	(*)	75	1,186	94	9	(D)	8	-1	255	338	237	(*)	3	130	41
Ireland.....	22,996	-2	(*)	20,057	227	13,324	71	29	3,365	104	94	1,765	1,484	371	312	-989
Italy.....	21,421	-13	14	15,657	529	2,911	554	1,237	1,425	411	888	3,260	581	11	740	1,170
Luxembourg.....	1,383	0	0	598	0	181	24	(*)	0	2	0	721	1	97	54	-88
Netherlands.....	19,560	1,175	414	11,060	1,108	3,230	552	536	549	80	1,073	4,652	514	83	813	850
Norway.....	8,714	5,781	(*)	1,763	92	4	183	68	-89	11	404	9	4	135	618	11
Poland.....	2,538	(*)	28	2,312	309	160	50	22	15	27	404	206	-327	66	72	181
Portugal.....	3,166	(*)	(*)	2,133	139	164	13	37	103	11	246	810	43	-16	80	117
Russia.....	1,497	165	0	730	150	90	0	11	6	3	24	229	51	89	25	208
Spain.....	10,777	24	32	7,270	448	1,988	768	396	400	287	1,570	1,631	244	267	435	874
Sweden.....	7,881	0	0	3,231	(D)	1,030	78	276	166	54	1,170	1,099	2,496	-187	282	959
Switzerland.....	10,671	32	0	2,465	142	801	48	201	289	178	75	5,518	514	188	652	1,302
Turkey.....	1,883	2	42	1,446	74	209	17	(*)	(*)	6	79	298	1	13	28	52
United Kingdom.....	104,608	8,169	2,296	42,939	3,490	6,832	1,609	2,887	2,531	393	4,565	13,608	8,503	7,895	9,358	11,840
Other.....	3,813	2,243	(D)	1,187	(D)	121	(D)	23	1	54	60	260	-45	26	46	(D)
Latin America and Other Western Hemisphere	59,519	7,008	1,387	32,809	3,373	6,908	1,183	1,832	2,434	897	7,133	7,982	2,367	2,845	1,432	3,689
South America.....	25,782	4,824	1,071	13,472	1,766	3,203	737	1,207	332	277	1,883	2,890	1,201	502	945	877
Argentina.....	4,249	1,640	-41	1,724	331	81	39	61	10	-21	271	308	374	85	103	57
Brazil.....	10,997	189	293	8,881	835	2,229	640	1,043	321	275	1,366	1,213	-59	149	295	35
Chile.....	2,040	234	198	542	50	217	18	7	(*)	8	19	506	147	205	52	156
Colombia.....	2,528	795	1	767	183	262	5	0	1	6	67	397	121	14	58	375
Ecuador.....	438	169	10	105	16	16	-1	0	0	0	(D)	63	92	-24	3	20
Peru.....	1,174	721	43	122	23	55	69	0	0	(*)	-2	156	69	25	16	21
Venezuela.....	3,823	861	555	1,173	254	323	36	90	(*)	10	134	142	408	62	410	211
Other.....	532	214	12	158	74	20	(*)	6	0	0	(D)	104	49	-15	7	3
Central America.....	24,181	159	278	17,507	1,546	3,558	424	566	1,039	615	5,254	1,304	(D)	1,294	369	(D)
Costa Rica.....	497	(*)	0	477	59	33	16	1	(D)	28	0	-7	(D)	-9	13	(D)
Honduras.....	402	0	(*)	217	41	6	0	0	0	2	(D)	100	(*)	6	0	79
Mexico.....	21,644	148	73	16,181	1,381	3,437	411	566	892	585	5,225	972	482	1,099	346	2,344
Panama.....	526	10	62	47	5	15	0	0	0	0	(D)	74	(*)	197	6	130
Other.....	1,112	1	142	585	60	67	-3	0	(D)	0	0	165	(D)	3	3	(D)
Other Western Hemisphere.....	9,556	2,026	38	1,830	62	147	22	58	1,063	4	-4	3,789	(D)	1,049	119	(D)
Barbados.....	1,583	(*)	0	83	7	3	0	9	47	4	-4	1,445	96	61	61	-163
Bermuda.....	2,598	10	(*)	49	(*)	0	49	(*)	0	4	0	1,817	-33	409	5	341
Dominican Republic.....	898	0	(D)	283	27	44	2	0	0	0	0	49	(D)	(*)	1	3
United Kingdom Islands, Caribbean.....	1,405	411	-207	1,230	9	0	-5	(*)	1,016	0	0	102	35	75	39	-281
Other.....	3,071	1,605	(D)	185	18	99	24	(*)	1	0	0	375	18	504	12	(D)
Africa	13,475	9,311	(D)	1,889	186	462	104	185	(D)	59	271	1,075	39	67	(D)	786
Egypt.....	1,474	1,139	0	133	(D)	33	10	101	0	0	-4	156	3	2	(D)	(D)
Nigeria.....	3,671	3,502	41	40	0	0	-2	0	0	0	0	56	0	(*)	7	25
South Africa.....	2,187	-2	0	1,017	50	347	38	82	9	57	(D)	369	62	52	178	509
Other.....	6,142	4,671	(D)	699	(D)	84	55	2	(D)	2	(D)	494	-26	13	5	(D)
Middle East	6,333	3,359	1	1,773	64	107	14	103	(D)	-1	-2	379	170	138	372	142
Israel.....	2,450	(*)	0	1,638	(D)	53	2	70	(D)	-1	-2	194	269	18	267	63
Saudi Arabia.....	112	142	1	42	0	24	11	6	1	0	(*)	-14	(D)	(D)	61	(D)
United Arab Emirates.....	870	480	0	68	0	27	0	18	0	0	(*)	174	(D)	55	28	(D)
Other.....	2,902	2,737	0	25	(D)	3	1	9	0	0	0	24	5	(D)	16	(D)
Asia and Pacific	110,394	11,168	3,154	49,802	1,638	10,479	1,603	2,383	12,612	990	3,387	17,552	3,687	8,848	9,060	7,123
Australia.....	19,539	2,710	947	7,433	697	1,285	1,088	385	174	85	1,359	3,299	850	465	1,953	1,881
China.....	7,631	374	(D)	5,414	175	1,412	178	348	2,123	395	268	845	182	(D)	201	451
Hong Kong.....	7,104	(*)	(D)	867	(D)	122	23	122	65	102	11	2,567	323	1,259	446	(D)
India.....	2,141	2	205	948	28	345	(D)	149	43	25	91	567	135	-72	367	-11
Indonesia.....	5,209	4,574	-105	523	(D)	134	(D)	2	-3	12	12	71	(*)	50	17	78
Japan.....	34,731	4	0	16,364	125	3,754	124	516	1,899	171	461	5,811	1,506	4,526	4,690	1,831
Korea, Republic of.....	5,006	(*)	0	2,862	141	448	30	357	675	40	424	738	136	600	459	211
Malaysia.....	5,825	1,473	-1	3,602	17	230	2	22	3,010	10	-21	363	18	116	181	72
New Zealand.....	1,855	75	178	713	(D)	73	14	13	-3	1	3	583	61	59	119	67
Philippines.....	2,846	163	789	1,297	120	549	(*)	31	387	30	(D)	190	27	74	55	251
Singapore.....	9,995	104	3	6,438	6	1,365	11	248	3,604	96	531	1,610	399	572	263	606
Taiwan.....	3,481	(*)	0	1,371	77	462	40	133	367	18	(D)	681	46	971	106	306
Thailand.....	3,753	1,111	16	1,794	103	231	64	56	270	6	50	238	2	186	195	211
Other.....	1,277	577	115	178	43	68	(*)	(*)	1	0	24					

Table 14.2. Value Added of Majority-Owned Nonbank Foreign Affiliates, Country by Industry of Affiliate, 2003

[Millions of dollars]

	All industries	Mining	Utilities	Manufacturing								Wholesale trade	Information	Finance (except depository institutions and insurance)	Professional, scientific, and technical services	Other industries
				Total	Of which:											
					Food	Chemicals	Primary and fabricated metals	Machinery	Computers and electronic products	Electrical appliances, and components	Transportation equipment					
All countries	704,653	70,899	11,659	346,669	22,200	74,343	13,985	17,883	35,347	8,379	49,292	110,414	29,417	32,402	36,572	66,621
Canada	83,514	12,266	922	43,983	2,615	4,931	2,155	1,569	2,518	678	10,870	6,179	1,573	2,534	1,466	14,591
Europe	398,533	22,033	4,085	206,620	12,584	49,834	8,592	11,456	14,678	5,161	27,432	71,281	19,815	14,927	22,615	37,156
Austria.....	3,715	1	12	1,609	283	166	29	127	405	45	152	1,362	389	-14	182	175
Belgium.....	16,136	13	0	9,853	642	3,380	181	456	69	220	946	2,545	146	144	1,698	1,737
Czech Republic.....	1,875	(*)	(D)	1,548	26	83	40	53	79	31	430	126	46	-3	37	(D)
Denmark.....	3,415	681	0	1,232	(D)	140	64	373	85	(*)	9	942	87	29	357	87
Finland.....	2,169	0	0	568	7	128	4	63	175	8	44	1,198	40	-7	164	205
France.....	41,764	74	0	23,201	1,179	6,078	1,194	1,647	1,489	857	2,806	7,136	985	998	2,004	7,364
Germany.....	66,861	1,275	23	36,094	1,709	5,262	2,059	2,592	2,791	1,685	8,828	17,241	1,605	2,123	3,059	5,441
Greece.....	1,075	(*)	0	488	87	198	49	0	9	0	0	500	1	46	38	1
Hungary.....	2,074	(*)	60	1,397	117	21	(D)	23	7	(D)	384	347	58	10	132	71
Ireland.....	28,287	6	(*)	22,409	173	13,808	84	31	3,995	160	111	2,445	2,023	414	567	424
Italy.....	25,252	-16	16	18,412	685	3,304	613	1,387	1,463	592	1,053	3,363	806	57	925	1,689
Luxembourg.....	890	(*)	0	690	0	193	51	(*)	0	2	0	257	2	137	61	-256
Netherlands.....	25,027	932	17	12,465	1,354	3,499	537	652	492	89	1,490	6,253	1,533	785	1,075	1,967
Norway.....	9,639	6,346	(*)	2,043	(D)	96	13	226	81	-100	7	394	120	-5	137	604
Poland.....	3,528	(*)	30	2,772	360	193	64	22	64	50	544	240	51	111	99	226
Portugal.....	3,619	(*)	(*)	2,534	150	186	14	45	119	13	278	752	40	-9	87	215
Russia.....	1,782	121	0	952	148	112	0	(D)	6	4	77	286	49	95	26	254
Spain.....	13,323	30	33	8,575	631	2,590	714	478	402	323	1,961	1,935	307	259	602	1,584
Sweden.....	9,210	0	0	5,055	(D)	1,125	131	285	157	56	2,766	1,321	1,823	-145	370	787
Switzerland.....	13,035	43	0	3,117	189	1,022	71	243	386	215	77	7,044	562	183	982	1,104
Turkey.....	2,716	2	38	2,222	100	237	20	(*)	(*)	6	171	359	1	10	28	53
United Kingdom.....	117,516	9,084	3,725	47,730	4,092	7,903	1,901	2,662	2,403	566	5,233	14,876	9,160	9,665	9,935	13,342
Other.....	5,627	3,442	(D)	1,655	(D)	110	(D)	(D)	1	(D)	67	361	-19	47	49	(D)
Latin America and Other Western Hemisphere	71,597	8,316	3,625	35,115	4,388	7,911	1,215	2,067	3,272	799	6,868	9,794	3,539	4,636	1,726	4,846
South America.....	32,520	5,594	3,332	15,629	2,300	4,291	707	1,386	528	229	1,433	3,619	(D)	115	1,068	(D)
Argentina.....	5,925	1,714	279	2,926	666	548	25	74	10	-26	197	604	445	-270	105	123
Brazil.....	14,781	161	2,095	9,659	1,071	2,736	605	1,185	517	233	987	1,519	809	164	340	34
Chile.....	2,553	497	445	589	57	259	18	10	(*)	8	18	486	189	122	62	163
Colombia.....	2,549	778	1	660	117	271	6	0	1	6	56	475	139	53	54	390
Ecuador.....	558	247	18	131	12	12	-2	0	0	0	(D)	66	(D)	-25	3	(D)
Peru.....	1,631	1,059	52	162	21	56	13	0	0	(*)	-2	189	103	22	17	28
Venezuela.....	3,976	979	397	1,353	272	389	42	111	1	8	131	159	362	64	477	184
Other.....	548	161	44	149	83	21	(*)	6	0	0	(D)	121	58	-16	9	23
Central America.....	25,914	563	527	17,365	2,032	3,389	471	628	1,541	566	5,440	1,474	654	1,431	466	3,435
Costa Rica.....	788	(*)	0	486	62	36	15	1	(D)	28	0	(D)	13	-8	47	(D)
Honduras.....	477	0	(*)	223	43	6	0	0	0	3	(D)	93	(*)	5	0	155
Mexico.....	22,897	561	208	15,965	1,865	3,263	460	628	1,388	536	5,400	1,012	597	1,418	409	2,726
Panama.....	464	1	77	54	5	22	0	0	0	0	(D)	85	(*)	12	6	229
Other.....	1,288	1	242	638	58	62	-4	0	(D)	0	0	(D)	44	3	4	(D)
Other Western Hemisphere.....	13,162	2,159	-234	2,121	56	231	36	52	1,203	5	-4	4,702	(D)	3,091	193	(D)
Barbados.....	1,881	(*)	0	134	8	3	0	10	95	5	-4	1,361	180	115	54	37
Bermuda.....	5,632	18	(*)	42	(*)	(*)	0	42	(*)	0	0	2,372	18	2,409	96	676
Dominican Republic.....	658	0	(D)	344	25	31	3	0	0	0	0	46	(D)	(*)	1	2
United Kingdom Islands, Caribbean.....	1,923	416	-227	1,316	10	0	-9	1	1,108	0	0	498	47	145	29	-301
Other.....	3,069	1,725	(D)	285	14	196	42	(*)	1	0	0	425	4	421	13	(D)
Africa	16,881	11,727	(D)	2,040	245	434	125	140	(D)	78	(D)	1,264	65	59	239	(D)
Egypt.....	1,624	1,337	0	120	(D)	52	11	60	0	0	-4	(D)	3	3	2	(D)
Nigeria.....	5,004	4,811	51	46	0	4	0	0	0	0	67	0	(*)	8	21	8
South Africa.....	2,763	-14	0	1,028	52	282	51	78	(D)	76	(D)	552	91	47	223	836
Other.....	7,490	5,593	(D)	845	(D)	96	63	2	(D)	2	(D)	(D)	-28	10	5	(D)
Middle East	6,831	3,422	(D)	1,707	72	151	15	79	(D)	-2	(D)	597	286	167	382	(D)
Israel.....	2,531	(*)	0	1,544	64	65	3	47	(D)	-2	(D)	240	326	32	276	114
Saudi Arabia.....	226	96	1	45	0	27	12	6	1	0	(*)	50	-79	13	78	22
United Arab Emirates.....	955	423	0	90	0	60	0	16	0	0	(*)	283	34	58	23	44
Other.....	3,119	2,904	(D)	27	8	(*)	1	9	0	0	0	24	6	63	5	(D)
Asia and Pacific	127,298	13,135	2,839	57,205	2,296	11,083	1,883	2,572	13,610	1,665	3,864	21,299	4,139	10,079	10,144	8,459
Australia.....	23,865	3,361	754	8,928	1,182	1,583	1,251	408	106	88	1,583	4,139	1,013	757	2,304	2,608
China.....	8,730	415	126	6,335	260	1,328	246	428	2,145	487	325	993	192	(D)	214	(D)
Hong Kong.....	8,371	(*)	(D)	1,236	(D)	192	36	114	158	185	12	3,448	269	1,375	416	(D)
India.....	2,474	40	-7	1,203	37	397	(D)	186	126	28	146	643	135	-81	513	27
Indonesia.....	6,130	5,179	163	650	(D)	213	8	6	-3	10	19	91	(*)	-9	1	54
Japan.....	38,930	4	0	18,606	168	3,825	(D)	520	2,262	468	457	6,762	1,647	4,667	5,198	2,046
Korea, Republic of.....	5,476	(*)	0	3,085	146	413	33	394	711	107	472	714	182	719	483	294
Malaysia.....	5,474	(D)	-1	3,078	9	227	2	22	2,444	27	19	374	20	134	191	(D)
New Zealand.....	2,432	84	264	968	(D)	93	15	14	-4	2	4	707	80	34	148	147
Philippines.....	2,892	353	687	1,264	143	221	(*)	32	505	21	(D)	202	26	88	42	229
Singapore.....	12,020	56	1	7,807	30	1,690	28	258	4,224	198	489	1,929	509	762	306	651
Taiwan.....	4,251	(*)	0	1,663	52	547	38	123	529	31	(D)	747	65	1,332	111	332
Thailand.....	4,633	1,432	11	2,197	79	270	47	67	406	14	117	330	1	231	212	218
Other																