

U.S. International Services

Cross-Border Trade in 2001 and Sales Through Affiliates in 2000

By Maria Borga and Michael Mann

IN 2001, U.S. exports of private services exceeded U.S. imports of private services; U.S. exports were \$266.2 billion, and U.S. imports were \$192.3 billion (table A). U.S. sales of services sold through majority-owned affiliates of multinational companies exceeded

U.S. purchases in 2000—the most recent year for which data are available. Sales of services abroad through foreign affiliates of U.S. companies were \$392.8 billion, and sales of services in the United States through U.S. affiliates of foreign companies were \$346.7 billion.

Table A. Sales of Services to Foreign and U.S. Markets Through Cross-Border Trade and Through Affiliates

	Through cross-border trade ¹		Through nonbank majority-owned affiliates	
	U.S. exports (receipts)	U.S. imports (payments)	Sales to foreign persons by foreign affiliates of U.S. companies ²	Sales to U.S. persons by U.S. affiliates of foreign companies
Billions of dollars				
1986.....	77.5	64.7	60.5	n.a.
1987.....	87.0	73.9	72.3	62.6
1988.....	101.0	81.0	83.8	73.2
1989.....	117.9	85.3	99.2	94.2
1990.....	137.2	98.2	121.3	109.2
1991.....	152.4	99.9	131.6	119.5
1992.....	163.7	100.4	140.6	128.0
1993.....	171.6	107.9	142.6	134.7
1994.....	187.4	119.1	159.1	145.4
1995.....	203.8	128.8	190.1	149.7
1996.....	222.6	137.1	223.2	168.4
1997.....	239.0	151.8	255.3	(³) 223.1
1998.....	243.9	167.5	286.1	245.5
1999.....	256.5	173.2	(⁴) 353.2	293.5
2000.....	277.5	202.1	392.8	346.7
2001.....	266.2	192.3	n.a.	n.a.
Percent change from prior year				
1987.....	12.2	14.2	19.5	.....
1988.....	16.0	9.5	15.9	17.0
1989.....	16.8	5.3	18.4	28.7
1990.....	16.4	15.1	22.2	15.9
1991.....	11.1	1.8	8.5	9.5
1992.....	7.4	0.4	6.8	7.1
1993.....	4.8	7.5	1.5	5.3
1994.....	9.2	10.3	11.6	8.0
1995.....	8.8	8.1	19.4	2.9
1996.....	9.3	6.5	17.4	12.5
1997.....	7.4	10.7	14.4	(³)
1998.....	2.1	10.3	12.0	10.1
1999.....	5.2	3.4	(⁴)	19.6
2000.....	8.2	16.7	11.2	18.1
2001.....	-4.1	-4.8	n.a.	n.a.

n.a. Not available.

1. The estimates for 1998–2000 are revised from those published in last year's article in this series. See Christopher L. Bach, "Annual Revision of the U.S. International Accounts, 1993–2001," *SURVEY OF CURRENT BUSINESS* 82 (July 2002): 33–40.

2. The figures shown in this column for 1986–88 have been adjusted, for the purposes of this article, to be consistent with those for 1989 forward, which reflect definitional and methodological improvements made in the 1989 Benchmark Survey of U.S. Direct Investment Abroad. The primary improvement was that investment income of affiliates in finance and insurance was excluded from sales of services. The adjustment was made by assuming that investment income of finance and insurance affiliates in 1986–88 accounted for the same share of sales of services plus investment income as in 1989.

3. Beginning in 1997, sales by U.S. affiliates were classified as goods or services based on industry codes derived from the North American Industry Classification System; the estimates for prior years were based on codes derived from the 1987 Standard Industrial Classification System. This change resulted in a redefinition of sales of services by affiliates, which resulted in a net shift of sales from goods to services. See the box "Changes in the Definition and Classification of Sales of Services by U.S. Affiliates" in the October 1999 *SURVEY*, page 61, available at www.bea.gov.

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U.S. exports of private services fell 4 percent in 2001 after increasing 8 percent in 2000. U.S. imports fell 5 percent after increasing 17 percent. These were the first decreases in exports and imports of private services after decades of growth. In dollar terms, exports decreased more than imports; as a result, the U.S. surplus on trade in private services decreased, to \$73.9 billion in 2001 from \$75.4 billion in 2000. (In trade in goods, however, imports decreased more than exports; as a result, the U.S. deficit on trade in goods fell, to \$427.2 billion from \$452.4 billion.)

The fall in services exports reflected the slowing economic growth in many major U.S. trading partners and the terrorist attacks of September 11th. Exports held steady in the first half of 2001 and then fell sharply in the second half of the year, especially after September 11th. Travel services were particularly hard hit, as foreigners sharply reduced travel to the United States in the wake of the attacks.

Much of the fall in services imports was attributable to slow economic growth in the United States and to the terrorist attacks. The decrease in imports, like that in exports, was concentrated in the second half of the year. Imports of both travel services and insurance services dropped because of the attacks. The drop in insurance services resulted from large losses recovered from foreign reinsurers; imports of insurance services are measured as premiums paid less losses recovered.

In 2000, sales of services by foreign affiliates of U.S. companies grew 11 percent, and those by U.S. affiliates of foreign companies grew 18 percent. Economic conditions in 2000, unlike those in 2001, were characterized by strong economic growth in the United States and in many of the countries that are important markets for foreign affiliates of U.S. multinational compa-

Michael Mann prepared the section on cross-border trade. Maria Borga prepared the section on sales through affiliates.

nies. In addition, a continued boom in cross-border merger and acquisition activity boosted the growth in sales of services by both foreign and U.S. affiliates by adding a substantial number of affiliates to the direct investment universe; moreover, much of the acquisition activity occurred in industries with substantial sales of services, including utilities, insurance, finance, and computer services. However, the effect of the cross-border mergers on sales through foreign affiliates was mixed because several large affiliates were sold off to foreign firms and so their sales were no longer included in sales of services abroad by foreign affiliates of U.S. companies.

This article presents detailed preliminary estimates of U.S. cross-border exports and imports of private services in 2001 and revised estimates for 1998–2000, and it presents preliminary estimates of U.S. sales of services through, and purchases of services from, nonbank majority-owned affiliates of multinational companies in 2000 and revised estimates for 1999. Cross-border exports and imports are transactions between

U.S. residents and foreign residents; they represent international trade in the conventional sense and are recorded, in summary form, in the U.S. international transactions accounts.¹ Sales of services through nonbank majority-owned affiliates of multinational companies represent services sold in international markets through the channel of direct investment (see the box “Channels of Delivery of Services Sold in International Markets”).² The estimates are drawn from larger data sets on affiliate operations that are presented in annual articles on the operations of U.S. multinational com-

1. In the quarterly articles on the U.S. international transactions, table 1 presents cross-border exports of private services in lines 6–10 and cross-border imports in lines 23–27; table 3 provides additional detail.

2. These data cover *all* the sales of services by nonbank majority-owned affiliates, irrespective of the percentage of foreign ownership. The data are limited to nonbank affiliates because bank affiliates are not required to report sales of services data to BEA. The data exclude minority-owned affiliates because data on sales of services by foreign affiliates are collected only for affiliates that are majority-owned by U.S. direct investors. Excluding minority-owned affiliates may be preferable because the direct investor may own as little as 10 percent of a minority-owned affiliate and thus have less interest than local investors in the affiliate’s sales.

Channels of Delivery of Services Sold in International Markets Cross-Border Trade and Sales Through Affiliates

Services are sold in international markets through two distinct channels. In the first channel, the residents of one country sell services to the residents of another country. These transactions—cross-border trade—include both trade within multinational companies (intrafirm trade) and trade between unaffiliated parties.¹ They are recorded in the international transactions accounts of both countries—as exports of services by the seller’s country and as imports by the buyer’s country.

The second channel of delivery is sales through foreign affiliates of multinational companies, which from the U.S. viewpoint, are sales to foreigners by foreign affiliates of U.S. companies and U.S. purchases from other countries’ U.S. affiliates. These sales are not considered U.S. international transactions, because under the residency principle of balance-of-payments accounting, affiliates of multinational companies are regarded as residents of the countries where they are located rather than of the countries of their owners. Thus, sales abroad by foreign affiliates are transactions between foreign residents, and sales in the United States by U.S. affiliates are transactions between U.S. residents. (However, the direct investors’ shares of the profits earned on these sales are recorded as

U.S. international transactions.)

The two channels of delivery typically differ in their effects on an economy. For example, U.S. cross-border exports usually have a greater effect on the U.S. economy than the equivalent sales through foreign affiliates, because most, or all, of the income generated by the production generally accrues to U.S.-supplied labor and capital. In contrast, for sales through foreign affiliates, only the U.S. parent company’s share in profits accrues to the United States (and is recorded as a U.S. international transaction); the other income generated by production—including compensation of employees—typically accrues to foreigners.

Some services can be delivered equally well through either channel, but the channel of delivery is often largely predetermined by the nature of the service. For example, many travel services are inherently delivered through the cross-border channel; in contrast, many business, professional, and technical services are mainly delivered through the affiliate channel because of the need for close, continuing contact between the service providers and their customers.

To obtain a complete picture of the services transactions of affiliates, it would be necessary to examine not only their sales of services, as in this article, but also their purchases of services, both in their countries of location and elsewhere. However, the only available data on their purchases of services are those for transactions between parents and affiliates, which are discussed in the section on cross-border trade.

1. The term “cross-border trade” differs from the term “cross-border mode of supply” that is used in the General Agreement on Trade in Services to refer to the provision of a service by a resident of one country to a resident of another country in which neither the producer nor the consumer goes to the country of the other (for example, a consultant sending a report electronically or by mail).

panies and of U.S. affiliates of foreign companies.³

In 2000, services delivered through nonbank major-ity-owned affiliates again exceeded those delivered through cross-border trade (chart 1). Because of differences in measurement and coverage, comparisons between these two channels of delivery cannot be precise, but the substantial differences in 2000 clearly indicate that delivery through affiliates was the larger channel for both U.S. sales and U.S. purchases of pri-

vate services.⁴

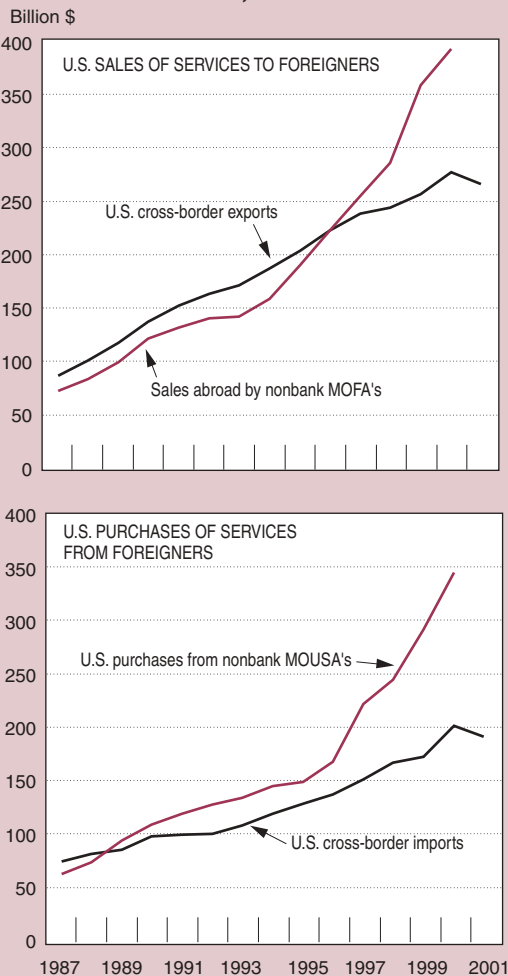
The use of each channel of delivery for 2000 is shown for major geographic areas in chart 2 and for

3. See Raymond J. Mataloni, Jr., "Operations of U.S. Multinational Companies: Preliminary Results from the 1999 Benchmark Survey," SURVEY OF CURRENT BUSINESS 82 (March 2002): 24–54, and William J. Zeile, "U.S. Affiliates of Foreign Companies: Operations in 2000," SURVEY 82 (August 2002): 149–166.

4. An example of a difference in measurement is that cross-border exports and imports of insurance services are measured as premiums minus claims, while sales of services by affiliates in insurance largely reflect premium income with no deductions for claims; this difference tends to exaggerate the relative importance of sales through affiliates. An example of a difference in coverage is that the estimates of cross-border exports and imports include services provided by banks, while those of sales through affiliates cover only nonbank affiliates. BEA has begun implementing changes to the measurement and coverage of selected services to improve the comparability of the two series. (See Obie G. Whichard and Maria Borga, "Selected Issues in the Measurement of U.S. International Services," SURVEY 82 (June 2002): 36–56.)

CHART 1

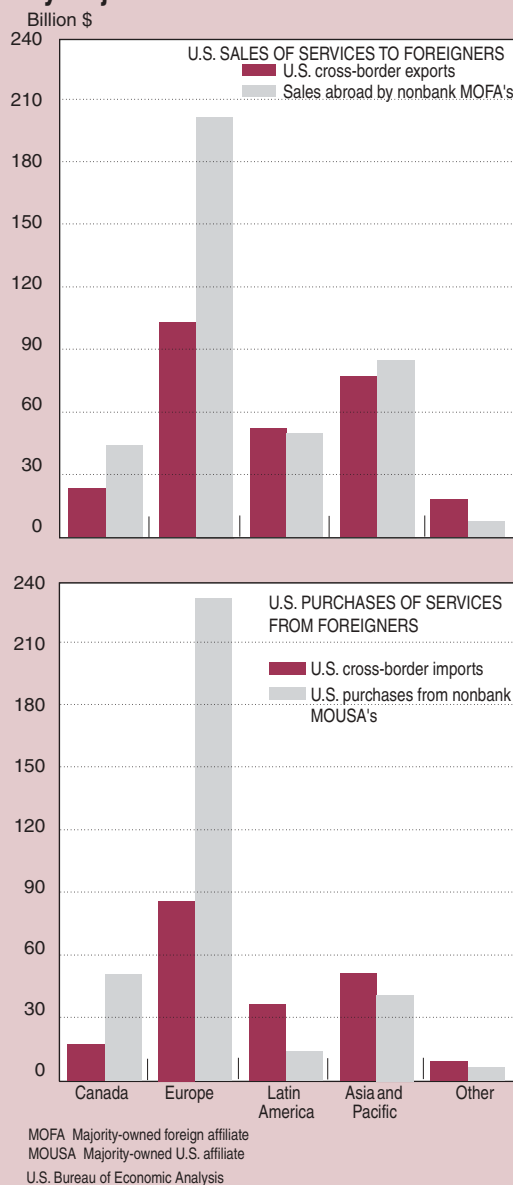
U.S. International Sales and Purchases of Private Services, 1987–2001¹



Note. Data reflect the information in footnotes 2, 3 and 4 to table A.
 MOFA Majority-owned foreign affiliate
 MOUSA Majority-owned U.S. affiliate
 1. The data for sales and purchases through majority-owned affiliates are shown through 2000, the latest year for which these data are available.
 U.S. Bureau of Economic Analysis

CHART 2

U.S. Sales and Purchases of Services by Major Area in 2000



selected countries in chart 3. For specific types of services, however, the relative importance of the two channels is difficult to gauge because of the differences in measurement and coverage and because of differences in the basis of classification. Available data on cross-border trade are generally classified by type of service, whereas the data on sales of services through affiliates are classified by primary industry of the affiliate.

U.S. Cross-Border Trade in 2001

In 2001, U.S. exports of private services (receipts) decreased 4 percent, to \$266.2 billion, following an 8-percent increase in 2000. U.S. imports of private services (payments) decreased 5 percent, to \$192.3 billion, following a 17-percent increase in 2000. The

	Percent change from prior year			
	Exports		Imports	
	2000	2001	2000	2001
Private services	8	-4	17	-5
Travel	10	-11	10	-7
Passenger fares	5	-13	14	-8
Other transportation	12	-6	22	-7
Royalties and license fees	7	-2	28	2
Other private services	7	3	19	-1

decreases in exports and imports of private services were primarily attributable to decelerating economic growth and the effects of the attacks of September 11th (see the box “Effects of the Terrorist Attacks of September 11th on Cross-Border Trade in Services” on page 73).

Changes in the foreign-currency value of the dollar may also have affected U.S. cross-border services trade, but the effect cannot be precisely measured because it cannot be clearly distinguished from those of other variables that affected U.S. trade flows. The dollar appreciated steadily against the currencies of most of the major trading partners throughout 2000 and in the first half of 2001, and it remained at a high level in the second half of 2001. For the year, the dollar appreciated 3 percent against the euro, 13 percent against the yen, 4 percent against the Canadian dollar, and 5 percent against the pound.⁵

After decades of steady growth, the falloff in services exports in 2001 was an extraordinary development. All the major categories of services except “other private services,” which was bolstered by sharp increases in affiliated receipts, fell. The steepest fall was in travel services, as foreigners sharply curtailed their visits to the United States.

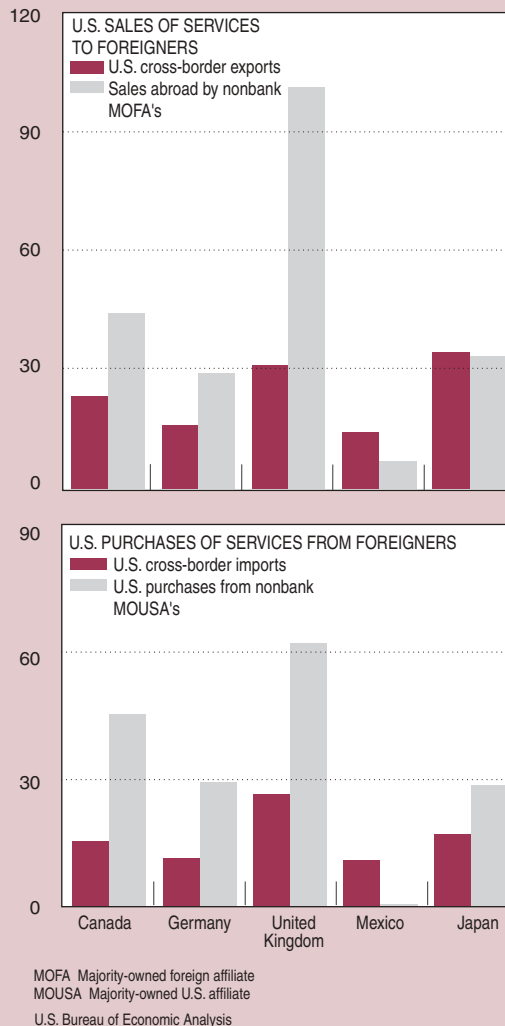
The falloff in exports was concentrated in the sec-

5. Annual exchange rates are period averages.

CHART 3

U.S. Sales and Purchases of Services by Major Country in 2000

Billion \$



ond half of 2001. In the first half of the year, exports remained virtually unchanged from their average level during 2000; in the second half, they fell 8 percent from the same period in 2000, as the effects of the September 11th attacks compounded the effects of weak economic activity abroad.

The drop in imports of private services in 2001 represented a dramatic turnaround from the 17-percent increase in 2000, the fastest growth in more than 20 years.⁶ The turnaround was partly due to a sharp slow-

6. The increase from 1983–84 was larger than that in 1999–2000. However, the 1983–84 increase was largely attributable to a break in the series that resulted from BEA's introduction of an improved method for measuring travel services.

down in U.S. economic growth, from 3.8 percent in 2000 to 0.3 percent in 2001, but the September 11th attacks also contributed significantly. In addition, special factors that contributed to the increase in 2000 were absent in 2001; in particular, imports in 2000 were boosted by a recovery in insurance services. The drop in imports was more than accounted for by decreases in travel-related services (expenditures by U.S. residents abroad and their payments to foreign airlines for international travel) and in insurance services.

The drop in imports was also concentrated in the second half of 2001. In the first half of the year, imports increased 8 percent from the same period in 2000; in the second half, they decreased 17 percent from the same period in 2000.

Europe and Asia and Pacific together accounted for more than two-thirds of total U.S. cross-border exports and imports of private services in 2001 (chart 4). Three countries—the United Kingdom, Japan, and Canada—accounted for nearly a third of both total U.S. exports and total U.S. imports of services (table B).

Of total cross-border trade in services, trade within multinational companies accounted for \$62.3 billion, or 23 percent, of exports of private services and for \$41.5 billion, or 22 percent, of imports of private services. Table C provides updated estimates of cross-border trade in services, by type, between U.S. parents and

their foreign affiliates and between U.S. affiliates and

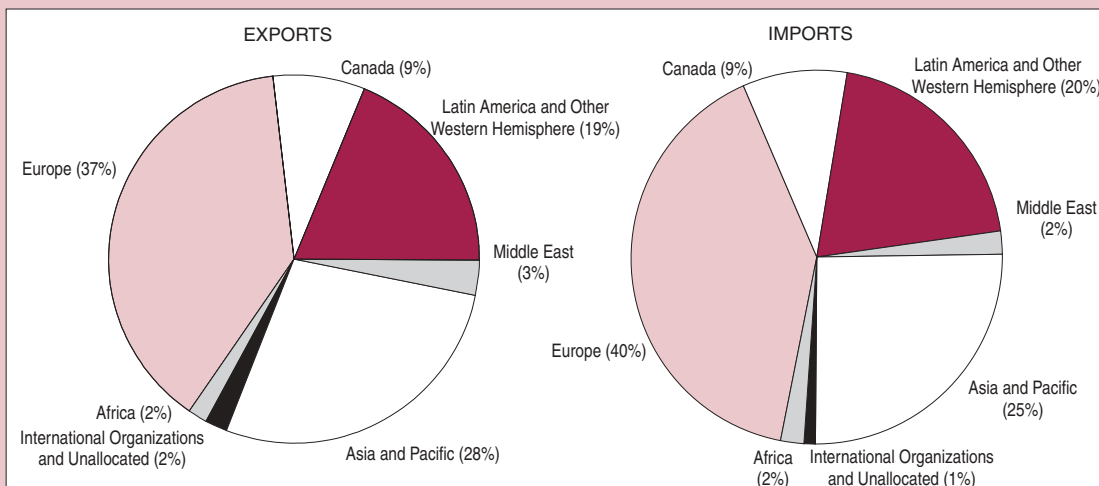
Table B. Cross-Border Service Exports and Imports by Type and Country, 2001
[Millions of dollars]

	Total services	Travel	Passenger fares	Other transportation	Royalties and license fees	Other private services
Exports						
All countries	266,209	73,119	18,007	28,306	38,668	108,109
10 major countries ¹	147,989	40,996	11,075	13,739	23,229	58,950
Japan	30,812	8,899	2,806	3,298	6,972	8,837
United Kingdom	29,116	9,191	2,685	1,904	3,309	12,027
Canada	24,276	6,484	1,668	2,212	2,255	11,657
Germany	14,606	2,965	779	1,887	2,827	6,148
Mexico	14,580	5,320	941	680	1,054	6,585
France	9,522	2,284	884	631	1,922	3,801
Korea, Republic of	7,121	1,928	43	1,751	1,295	2,104
Netherlands	6,357	1,081	388	630	1,284	2,974
Switzerland	5,822	982	152	299	1,561	2,828
Brazil	5,777	1,862	729	447	750	1,989
Other countries	118,220	32,123	6,932	14,567	15,439	49,159
Imports						
All countries	192,305	60,117	22,418	38,823	16,359	54,588
10 major countries ¹	114,166	32,370	11,541	17,373	13,568	39,314
United Kingdom	22,930	5,990	3,801	2,416	1,508	9,215
Canada	18,133	6,477	684	3,298	1,195	6,479
Japan	17,162	2,659	1,006	5,255	4,510	3,732
Mexico	10,954	6,707	806	1,548	84	1,809
Bermuda	10,625	532	0	0	754	9,339
Germany	10,184	2,368	1,701	2,136	1,521	2,458
France	8,933	3,410	1,143	956	1,096	2,328
Netherlands	5,517	664	834	805	1,166	2,048
Italy	5,360	2,861	748	708	68	975
Switzerland	4,368	702	818	251	1,666	931
Other countries	78,139	27,747	10,877	21,450	2,791	15,274

1. Ranked by dollar value of total exports or imports.

CHART 4

U.S. Cross-Border Services Transactions: Share by Area in 2001



Types of Cross-Border Services: Coverage and Definitions

The estimates of cross-border transactions cover both affiliated and unaffiliated transactions between U.S. residents and foreign residents. Affiliated transactions consist of intrafirm trade within multinational companies—specifically, the trade between U.S. parent companies and their foreign affiliates and between U.S. affiliates and their foreign parent groups. Unaffiliated transactions are with foreigners that neither own, nor are owned by, the U.S. party to the transaction.

Cross-border trade in private services is classified into the same five, broad categories that are used in the U.S. international transactions accounts—travel, passenger fares, “other transportation,” royalties and license fees, and “other private services.”

Travel. The travel accounts cover purchases of goods and services by U.S. persons traveling abroad and by foreign travelers in the United States for business or personal reasons. These goods and services include food, lodging, recreation, gifts, entertainment, and other items incidental to a foreign visit. Expenditures for local transportation in the country of travel are also covered. U.S. travel transactions with both Canada and Mexico include border transactions, such as day trips for shopping and sightseeing.

A “traveler” is a person who stays less than a year in a country and is not a resident of that country. Students’ educational expenditures and living expenses and medical patients’ expenditures are included in “other private services.”

Passenger fares. The passenger fare accounts cover fares paid by residents of one country to airline and vessel operators (carriers) that reside in another country. Receipts consist of fares received by U.S. air carriers from foreign residents for travel between the United States and foreign countries and between two foreign points and by U.S. vessel operators for travel on U.S. cruise vessels. Payments consist of fares paid by U.S. residents to foreign air carriers for travel between the United States and foreign countries and to foreign vessel operators for travel on foreign cruise vessels.

“Other transportation.” The “other transportation” accounts cover U.S. international transactions arising from the transportation of goods by ocean, air, land (truck and rail), pipeline, and inland waterway carriers to and from the United States, and between two foreign points. The accounts cover freight charges for transporting exports and imports and operating expenses that transportation companies incur in U.S. and foreign ports. Freight charges cover the receipts of U.S. carriers for transporting U.S. goods exports and for transporting goods between two foreign points and the payments to foreign carriers for transporting U.S. goods imports (freight insurance on exports and imports is covered in the “other private services” accounts).

Port services receipts consist of the value of the goods and services purchased by foreign carriers in U.S. ports. Port services payments consist of the value of goods and services purchased by U.S. carriers in foreign ports.

Royalties and license fees. The royalties and license fees

accounts cover transactions with nonresidents that involve patented and unpatented techniques, processes, formulas, and other intangible proprietary rights used in the production of goods; transactions involving trademarks, copyrights, franchises, broadcast rights, and other intangible rights; and the rights to distribute, use, and reproduce general-use computer software.

“Other private services.” These accounts consist of other affiliated and unaffiliated services. The unaffiliated services consist of six major categories: Education; financial services; insurance; telecommunications; business, professional, and technical services; and “other unaffiliated services.”

Education receipts consist of expenditures for tuition and living expenses by foreign students enrolled in U.S. colleges and universities. Payments consist of tuition and living expenses of U.S. students for study abroad.

Financial services cover a variety of services that include funds management, credit card services, explicit fees and commissions on transactions in securities, fees on credit-related activities, and other miscellaneous financial services. Implicit fees paid and received on bond trading are also covered.

Insurance consists of premiums earned and paid for primary insurance and for reinsurance; losses paid by U.S. insurers and losses recovered from foreign insurers are netted against the premiums. Primary insurance mainly consists of life insurance and property and casualty insurance. Each type of primary insurance may be reinsured; reinsurance is the ceding of a portion of a premium to another insurer who then assumes a corresponding portion of the risk.

Telecommunications consists of receipts and payments between U.S. and foreign communications companies for the transmission of messages between the United States and other countries; channel leasing; telex, telegram, and other jointly provided basic services; value-added services, such as electronic mail, video conferencing, and online access services (including Internet backbone services, router services, and broadband access services); and telecommunications support services.

Business, professional, and technical services cover a wide variety of services, such as legal services, accounting services, and advertising services (see the list in table 1).

“Other unaffiliated services” receipts consist mainly of expenditures (other than employee compensation) by foreign governments in the United States for services such as maintaining their embassies and consulates; non-compensation-related expenditures by international organizations—such as the United Nations, the International Monetary Fund, and the World Bank—that are headquartered in the United States; expenditures of foreign residents employed temporarily in the United States; and receipts from unaffiliated foreigners for the display, reproduction, or distribution of U.S. motion picture and television films and tapes. Payments consist primarily of payments by U.S. film distributors to unaffiliated foreign residents for the display, reproduction, or distribution of motion picture and television films and tapes.

their foreign parent groups for 1997–2001.⁷ The estimates are grouped into three major categories—transportation, royalties and license fees, and “other private services”—that correspond to the major services categories in table 1 of which they are a part.⁸

Additional information about the five broad categories of cross-border trade in private services in the U.S. international transactions accounts—travel, passenger fares, other transportation, royalties and license fees, and other private services—follows (for detailed esti-

7. The foreign parent group is defined as (1) the foreign parent, (2) any foreign person, proceeding up the foreign parent’s ownership chain, that owns more than 50 percent of the person below it, up to and including the ultimate beneficial owner, 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.

8. Intrafirm trade is not applicable to travel or to passenger fares, the two major private services categories not shown in table C. In addition, certain other services are uniformly recorded as unaffiliated services transactions, even if they are between affiliated parties (see table C, footnote 3).

mates, see the tables at the end of the article).

Travel

Travel receipts decreased 11 percent in 2001, to \$73.1 billion, following a 10-percent increase in 2000. The turnaround was primarily attributable to weakening economic conditions abroad and the effects of the attacks of September 11th. Receipts may also have been dampened by the strong value of the U.S. dollar. Travel activity, which had been flat during the first 8 months of 2001, fell precipitously in the aftermath of the attacks. Although travel steadily recovered during the fourth quarter, receipts at yearend were still well below pre-September 11th levels. For the year, travel receipts from overseas countries (countries other than Canada and Mexico) decreased 12 percent; the number of foreign visitors from overseas decreased 14 percent, and their average expenditures increased 2 percent.

Effects of the Terrorist Attacks of September 11th on Cross-Border Trade in Services

The estimates of exports and imports of services in 2001 include the effects of the September 11th terrorist attacks. The effects of the attacks are embedded in the data collected on BEA surveys and in other source data, so they cannot be separately identified. However, BEA analyzed the accounts for general movements that could be attributed to the September 11th attacks and found such movements in trade in travel, air transportation, financial services, and insurance.

Decreases in travel were mostly attributable to a sharp drop in the number of international travelers after September 11th. Immediately after the attacks, the U.S. air transport system was shut down, and then it was reopened with only limited service and far fewer travelers. In addition, land travel between the United States and Canada and Mexico slowed sharply for a short period, largely as a result of tightened U.S. border restrictions and general concerns about traveling. By the end of 2001, overseas travel by U.S. and foreign residents picked up, but it did not recover to pre-September 11th levels. Large decreases in passenger fare exports and imports were also attributable to the sharp drop in the number of international travelers; by the end of the year, fares had not returned to pre-September-11th levels. The effects of the attacks on travel and passenger fares are largely captured in the monthly source data from the U.S. Immigration and Naturalization Service on the number of foreign visitors to the United States and the number of U.S. travelers abroad. BEA’s estimates of travel to and from Canada and Mexico are based on estimates prepared by statistical agencies in these countries.

Decreases in port services reflected the drop in international air travel after September 11th that reduced foreign air carriers’ expenditures in U.S. airports and U.S. air carriers’ expenditures in foreign airports through the end of

the year. In contrast, the air freight industry was little affected, even though flights to and from the United States were suspended for a short period, because the backlog of freight was rapidly eliminated. The effects of the attacks on air port services are largely captured in data that BEA collects from the airlines on quarterly surveys.

Decreases in financial services were the result of temporary declines in underwriting and brokerage services. Foreign stocks and bonds issued in the United States and U.S. stocks and bonds issued overseas decreased sharply in the aftermath of the attacks, but they recovered quickly; these short-term effects are reflected in the monthly source data from the Federal Reserve Bank of New York.

Decreases in insurance services imports were largely attributable to a sharp increase in losses recovered from foreign reinsurers. (Imports of insurance services are calculated as premiums paid less losses recovered.) As a result of the September 11th attacks, nearly \$12 billion in losses were recovered from reinsurance companies abroad, primarily from reinsurers in Germany, the United Kingdom, Bermuda, Switzerland, and France. These losses were recorded on an accrual basis at the time the insured event—the terrorist attacks—occurred. The source data on insurance losses recovered are collected on an annual BEA survey that provides only total losses for the year, not the losses recovered by cause or event. Therefore, BEA estimated the losses attributable to the attacks and recorded these losses in September; the allocation was based on reports from numerous foreign and domestic insurance companies and trade associations. Reinsurance premiums had been increasing before September 11th, and in the new risk environment, they accelerated.

Among the countries with the largest decreases in travel to the United States, Argentina, Japan, and Germany had especially weak economies in 2001. Receipts from Mexico, however, increased 3 percent in 2001, though its economy faltered. Nearly two-thirds of the travel receipts from Mexico represent visits in the border area, which are typically day trips; this type of travel strongly depends on the availability of goods and on the value of the peso relative to the U.S. dollar. In 2001, the peso appreciated slightly against the U.S. dollar, so U.S. goods continued to be attractive to Mexican consumers. Moreover, border travel was less affected by the terrorist attacks than was travel to the interior of the United States, which typically involves air travel.

Travel payments decreased 7 percent in 2001, to \$60.1 billion, following a 10-percent increase in 2000. Travel payments overseas decreased 9 percent. The number of U.S. travelers overseas decreased 7 percent, and their average expenditures decreased 2 percent.

U.S. travel overseas was strong during the first 5 months of the year, but it weakened in June, July, and August. The strength in the early part of the year may have reflected the lagged effects of the U.S. economic growth in 2000 and the favorable purchasing power of the U.S. dollar in several popular countries of destination. Like travel receipts, travel payments plummeted in the aftermath of September 11th. Although travel steadily recovered during the fourth quarter, payments at yearend were still well below pre-September 11th levels.

Travel payments to almost all overseas countries decreased, but travel payments to both Canada and Mexico increased slightly in 2001. Overland travel, a significant portion of travel to these countries, was less affected by the attacks than air travel, which is the primary transport mode to overseas destinations. U.S. travel to Canada was also spurred by the 4-percent appreciation of the U.S. dollar against the Canadian dollar. The increase in payments to Mexico was attributable to a 2-percent increase in travel to the interior of the country. Payments by U.S. travelers to the Mexican border area were virtually unchanged.

Passenger fares

Passenger fare receipts decreased 13 percent in 2001, to \$18.0 billion, following a 5-percent increase in 2000. The sharp decrease was caused by the same factors that affected travel and by a continued increase in the share of foreigners traveling on foreign airlines rather than on U.S. airlines. Lower airfares put in place after September 11th failed to lure back enough travelers to prevent the fall in revenue.

Passenger fare payments decreased 8 percent, to \$22.4 billion, following a 14-percent increase. The decrease was almost entirely accounted for by a falloff in payments for travel to Europe. The share of U.S. residents traveling on foreign airlines rather than on U.S. airlines was little changed, even after September 11th.

Other transportation

Receipts for "other transportation" services decreased 6 percent in 2001, to \$28.3 billion, following a 12-percent increase in 2000. The increase in 2000, the largest in more than 10 years, resulted from increases in freight receipts that reflected strong economic growth in many of the countries that are important destinations for U.S. goods exports and from increases in port services receipts that reflected strong economic growth in the United States. Higher revenues from bunker and jet fuel sales also contributed to the increase.

In 2001, freight receipts decreased as the slowdown in worldwide economic growth reduced the volume of goods transported by U.S.-operated ocean carriers. Ocean freight rates decreased, reflecting weak demand for goods, especially bulk items such as coal, iron ore, and grain. Air freight receipts also decreased, reflecting U.S. air carriers' lower revenues for transporting goods from the United States and between foreign points and a decrease in the surcharge that had been imposed in 2000 to help offset higher fuel prices. "Other freight" receipts decreased slightly. This decrease was more than accounted for by a falloff in receipts from Canada, which include receipts of U.S. firms for transporting goods by truck, rail, and pipeline.

Port services also decreased in 2001, mainly because of a falloff in the number of foreign visitors to the United States. This falloff, which was especially large following September 11th, reduced expenditures by foreign air carriers in U.S. airports for items such as aircraft handling and terminal expenses and for fuel. In addition, jet and bunker fuel prices fell sharply.

Transactions between affiliated parties accounted for \$0.2 billion, or less than 1 percent, of total U.S. receipts for "other transportation" services in 2001 (table C). Most of these receipts resulted from transactions between U.S. parent companies and their foreign affiliates.

Payments for "other transportation" services decreased 7 percent in 2001, to \$38.8 billion, following a 22-percent increase in 2000. The decrease is largely the result of slow economic growth in the United States, which reduced the demand for imports and thus lowered freight volumes and rates. The decrease in freight payments was widespread among geographic areas and

countries. The effects of the September 11th attacks also contributed to the decrease by reducing the number of U.S. air travelers abroad, which caused a sharp falloff in U.S. air carriers' expenditures in foreign ports.

Ocean freight payments fell, as decreases in payments to foreign-operated liner and tramp vessels more than offset a small increase in payments to operators of tanker vessels. Liner and tramp freight rates dropped sharply because of weak demand for goods and excess capacity in the shipping market. The increase in payments to tanker operators was largely due to the high volume of petroleum imports during the first half of the year, when tanker rates were at near-record highs. Air freight payments decreased, largely reflecting the decreased volume of imports transported

by foreign air carriers. "Other freight" payments decreased, as payments to Canadian carriers for transporting goods by truck in the United States fell.

Port services payments abroad also decreased, primarily reflecting a decrease in U.S. carriers' payments in foreign airports. Three factors contributed to this decrease: The falloff in the number of U.S. air travelers, decreases in the volume of both exports and imports of goods, and lower prices for jet fuel.

Transactions between affiliated parties accounted for \$0.1 billion, or less than 1 percent, of total U.S. payments for "other transportation" services in 2001. Most of these payments resulted from transactions between U.S. parent companies and their foreign affiliates.

Table C. Intrafirm Trade in Services, by Type, 1997–2001

[Billions of dollars]

	Total	Transportation ¹	Royalties and license fees ²	Other private services							
				Total ³	Financial services	Computer and information services	Management and consulting services	Research and development and testing services	Film and television tape rentals	Operational leasing	Other
Receipts											
Total transactions:											
1997.....	52.0	0.4	24.5	27.1	2.3	1.6	(⁴)	(⁵)	2.4	1.5	19.3
1998.....	54.9	0.4	26.4	28.1	2.7	1.3	(⁴)	(⁵)	2.3	1.8	20.0
1999.....	55.4	0.3	26.5	28.6	3.5	1.1	(⁴)	(⁵)	2.4	1.8	19.8
2000.....	59.6	0.3	26.8	32.5	2.7	1.2	(⁴)	(⁵)	2.4	1.8	24.3
2001.....	62.3	0.2	25.9	36.2	2.8	1.1	1.9	4.3	2.6	1.8	21.7
U.S. parents' transactions:											
1997.....	40.8	0.4	23.1	17.3	1.4	1.4	(⁴)	(⁵)	2.4	1.2	10.9
1998.....	42.9	0.4	24.4	18.1	1.8	1.3	(⁴)	(⁵)	2.3	1.5	11.2
1999.....	43.1	0.3	24.8	18.0	2.0	1.0	(⁴)	(⁵)	2.4	1.4	11.2
2000.....	44.7	0.3	24.6	19.8	1.6	1.2	(⁴)	(⁵)	2.4	1.5	13.1
2001.....	44.9	0.2	23.5	21.2	1.5	1.0	1.0	2.0	2.6	1.6	11.5
U.S. affiliates' transactions:											
1997.....	11.2	([*])	1.4	9.8	0.9	0.2	(⁴)	(⁵)	([*])	0.3	8.4
1998.....	12.0	([*])	2.0	10.0	0.9	([*])	(⁴)	(⁵)	([*])	0.3	8.8
1999.....	12.3	([*])	1.7	10.6	1.5	0.1	(⁴)	(⁵)	([*])	0.4	8.6
2000.....	14.9	([*])	2.2	12.7	1.1	0.1	(⁴)	(⁵)	([*])	0.3	11.2
2001.....	17.4	([*])	2.4	15.0	1.3	0.1	0.9	2.3	([*])	0.2	10.2
Payments											
Total transactions:											
1997.....	24.8	0.4	6.8	17.6	2.8	0.8	(⁴)	(⁵)	([*])	0.9	13.1
1998.....	28.4	0.4	8.6	19.4	4.2	0.9	(⁴)	(⁵)	([*])	0.9	13.4
1999.....	33.3	0.1	9.9	23.3	5.1	1.4	(⁴)	(⁵)	([*])	1.0	15.8
2000.....	38.0	([*])	12.1	25.9	5.9	1.1	(⁴)	(⁵)	([*])	1.0	17.9
2001.....	41.5	0.1	13.0	28.4	5.3	1.3	1.6	1.0	([*])	1.0	18.2
U.S. parents' transactions:											
1997.....	10.8	0.4	1.4	9.0	2.5	0.5	(⁴)	(⁵)	([*])	0.1	5.9
1998.....	12.6	0.4	1.8	10.4	3.3	0.6	(⁴)	(⁵)	([*])	([*])	6.5
1999.....	14.9	0.1	1.8	13.0	3.9	1.2	(⁴)	(⁵)	([*])	([*])	7.9
2000.....	15.3	([*])	1.9	13.4	3.8	0.9	(⁴)	(⁵)	([*])	([*])	8.7
2001.....	15.6	0.1	2.0	13.5	3.5	1.0	0.4	0.1	([*])	0.1	8.4
U.S. affiliates' transactions:											
1997.....	14.0	([*])	5.4	8.6	0.3	0.3	(⁴)	(⁵)	([*])	0.8	7.2
1998.....	15.8	([*])	6.8	9.0	0.9	0.3	(⁴)	(⁵)	([*])	0.9	6.9
1999.....	18.4	([*])	8.1	10.3	1.2	0.2	(⁴)	(⁵)	([*])	1.0	7.9
2000.....	22.7	([*])	10.2	12.5	2.1	0.2	(⁴)	(⁵)	([*])	1.0	9.2
2001.....	25.9	([*])	11.0	14.9	1.8	0.3	1.2	0.9	([*])	0.9	9.8

* Less than \$50 million.

1. Included under "other transportation" in table 1.

2. Equal to "affiliated royalties and license fees" in table 1.

3. Equal to "affiliated other private services" in table 1. Intrafirm trade in other private services excludes payments related to basic telecommunications services because they represent the distribution of revenues collected from unaffiliated customers. It also excludes intrafirm trade in insurance services, except primary

insurance (and the related recovery of losses) by U.S. companies from affiliated foreigners.

4. Prior to 2001, management and consulting services were included in "other" services. Beginning in 2001, data on management and consulting services were collected as a separate type of service.

5. Prior to 2001, research and development and testing services were included in "other" services. Beginning in 2001, data on research and development and testing services were collected as a separate type of service.

Royalties and license fees

Receipts of royalties and license fees decreased 2 percent in 2001, to \$38.7 billion, following a 7-percent increase in 2000. Affiliated royalty and license fee receipts decreased 4 percent, following a 1-percent increase; the decrease in 2001 was more than accounted for by U.S. parents' receipts from their foreign affiliates in the manufacturing industry, especially those in Europe. Unaffiliated royalty and license fee receipts were virtually unchanged.

Unaffiliated receipts from the rights to use and distribute software, the largest category of royalty and license fee receipts, reached nearly \$5 billion in 2001. Additional receipts from software licensing agreements stemmed from transactions through affiliated (intrafirm) channels, but the value of these receipts cannot be separately identified (for more information, see the box "Delivery of Computer Services to Foreign Markets").

Unaffiliated royalties and license fees receipts may have been dampened in recent years by the transfer of intellectual property (such as patents, trademarks, and copyrights) to foreign affiliates. Under this practice, the affiliate rather than the U.S. parent company collects the royalties and license fees on sales of the products associated with the intellectual property, and the portion of the total amount received that is transferred

by the affiliate to the parent, either as royalties and license fees or as income, is recorded in the international accounts as affiliated transactions rather than as unaffiliated royalties and license fees.⁹ A variety of considerations motivates these transactions. For example, the intellectual property may be transferred to affiliates in countries with low taxes in order to reduce overall taxes, or it may be transferred in order to facilitate its adaptation to local markets; for example, computer software sometimes must be adapted to the local language and to the locally available hardware and operating systems.

Payments of royalties and license fees increased 2 percent in 2001, to \$16.4 billion, following a 28-percent increase in 2000. These payments have more than tripled since 1993 and have been the fastest growing major category of services imports during this period. In 2001, an increase in payments by U.S. affiliates to their foreign parents more than offset a decrease in un-

9. The form and volume in which the royalty revenues of the foreign affiliate flow back to the U.S. parent company depend on the contractual arrangements governing the transfer. If the flows are in the form of royalties or license fees, it is recorded in affiliated royalties and license fees receipts. If they are in the form of income, it is recorded in direct investment income receipts. In both cases, the flows are still in the current account. Thus, these transfers may have reduced U.S. receipts of unaffiliated royalties and license fees, but the reduction may be offset by other receipts recorded elsewhere in the current account. In addition, these transfers may lead to increased sales through foreign affiliates.

Delivery of Computer Services to Foreign Markets

For computer-related services, as well as for many other types of services, the means of delivery may be further divided within the two major channels of cross-border trade and sales through affiliates. As a result, the total value of these services is scattered across several categories in the tables for cross-border trade and for sales by affiliates.

Cross-border exports to unaffiliated foreigners of "computer and data processing services" and "data base and other information services" are shown in table 1 under "business, professional, and technical services."¹ Computer-related services that are delivered to foreign markets through cross-border software-licensing agreements are shown under "Royalties and license fees."²

1. For detailed estimates of the exports of these services to numerous countries and areas, see table 7.

2. Receipts and payments for general use software that is packaged and physically shipped to or from the United States are included in trade in goods. The value of software that is preinstalled on computer equipment and peripherals is captured in the value of this hardware and thus also included in trade in goods.

Exports through agreements with unaffiliated foreigners are shown in table 4 in the column "general use software." Exports through agreements with affiliated foreigners (intrafirm trade) are included in affiliated royalty and license fee transactions in table 1, but their value cannot be separately identified. Intrafirm exports of computer and information services, which consists of computer and data processing services and of data base and other information services, are shown in table C.

Sales of computer-related services through foreign affiliates exceeded cross-border exports of these services in 2000, the most recent year for which comparable data are available, reflecting the advantages of a local presence when delivering these services to foreign customers (table 9). The available data on sales through affiliates are classified by primary industry of the affiliate rather than by type of service; thus, computer-related services may be sold not only through foreign-affiliates in the computer services industry but also by affiliates in several other industries, particularly machinery manufacturing and wholesale trade.

affiliated payments. The increase in payments by U.S. affiliates partly reflected the robust activity of affiliates in the motor-vehicle wholesaling and motor-vehicle manufacturing industries. The decrease in unaffiliated transactions was attributable to the absence of two special factors that had increased payments in 2000. First, a jump in payments for the broadcasting and recording of live events reflected payments to the International Olympic Committee for broadcast rights to the Summer Olympic Games; second, a jump in payments for the use of trademarks was largely due to a surge in payments for the rights to sell children's toys in the United States (table 4.3). Excluding these two factors, unaffiliated transactions would have been little changed in 2001.

Other private services

Receipts for "other private services" increased 3 percent in 2001, to \$108.1 billion, following a 7-percent increase in 2000. Increases in services delivered to foreign markets through affiliated channels, in business, professional, and technical services, and in education more than offset decreases in insurance services and in financial services. Telecommunications receipts were little changed.

Payments for "other private services" decreased 1 percent in 2001, to \$54.6 billion, following a 19-percent increase in 2000. Decreases in insurance, in telecommunications, and in financial services more than offset increases in services delivered to U.S. markets through affiliated channels, in business, professional, and technical services, and in education.

Unaffiliated transactions. Unaffiliated cross-border trade in "other private services" consists of five principal categories—education; financial services; insurance; telecommunications; and business, professional, and technical services. (For detailed estimates, see the tables at the end of the article.)

Receipts for education increased 11 percent in 2001, to \$11.5 billion, following an 8-percent increase in 2000. The number of foreign students studying in the United States increased 6.4 percent, the largest percentage increase since 1980, to nearly 550,000. More than half were undergraduate students, and more than half were from Asian countries. The number of students from nearly every area of the world increased. Education payments increased 16 percent in 2001, to \$2.4 billion, following a 14-percent increase in 2000. Educational institutions in the United Kingdom remained the most popular destination for U.S. students studying abroad, accounting for more than 20 percent

of the number of students.

Financial services receipts decreased 7 percent, to \$15.2 billion, in 2001, following a 22-percent increase in 2000. These receipts, which had more than doubled since 1996, reversed direction in 2001 as foreign activity in U.S. financial markets slowed. The decrease was primarily attributable to a reduction in financial advisory and custody services due to a falloff in mergers and acquisitions. Underwriting services decreased because foreigners sharply reduced their issuances of stocks in the United States; new issuances of foreign bonds also fell. Financial management services also decreased. These decreases were partly offset by an increase in brokerage commissions, as foreigners traded heavily in outstanding U.S. bonds. Financial services payments decreased 10 percent to \$4.0 billion in 2001, following a 31-percent increase in 2000. The 2001 decrease was largely attributable to a slowdown in new issues of U.S. stocks and bonds abroad. Financial advisory and custody services and financial management services also decreased.

Insurance services receipts fell to a mere \$18 million in 2001, after more than doubling to \$2.1 billion in 2000.¹⁰ Because net insurance services are calculated as premiums paid less losses recovered, they may swing sharply from year to year, even when the underlying gross flows change relatively little. In 2001, a sizable increase in claims paid to foreigners, mainly in the United Kingdom, raised claims to a level that offset virtually all of the premiums received by U.S. insurance companies from foreigners.¹¹ Total U.S. premiums received increased slightly, largely because lost business in Japan offset widespread increases in premiums received from most other countries, as new business was underwritten and premium rates increased. Insurance services payments fell by nearly half in 2001, to \$4.9 billion, after more than tripling in 2000, as a surge in losses recovered more than offset a nearly 50-

10. Insurance services, though listed under unaffiliated services, consist of both affiliated and unaffiliated transactions. Receipts are calculated as premiums received from foreigners for primary insurance and reinsurance less claims paid by U.S. insurers. Payments are calculated as premiums paid to foreigners for primary insurance and reinsurance less losses recovered from foreign insurers.

11. The large increase in claims paid to the United Kingdom may be related to the terrorist attacks. Reinsurance arrangements often have multiple tiers, especially where large risks are concerned, and some insurance placed with companies located in the United Kingdom—a major international insurance center—typically would have been, in turn, reinsured with other companies, including some located in the United States. Settlement of attack-related claims therefore could have resulted in U.S. claim payments to foreign insurers, even though most of the funds paid would ultimately be rerouted through primary insurers to policy holders located in the United States.

percent increase in premiums paid. The surge was largely attributable to the recording in the third quarter of large nonrecurring losses recovered from foreign reinsurance companies as a result of the September 11th attacks. (Losses recovered are recorded in the accounts on an accrual basis at the time the insured event occurs.) The increase in premiums paid, which accelerated following the attacks, reflected both higher rates and an increase in the amount of insurance ceded to foreign reinsurance companies. Foreign companies set higher rates in an effort to recoup past losses and to ensure that they maintained a sound financial position based on their reassessment of the risk environment.

Receipts for telecommunications services were virtually unchanged in 2001 at \$4.8 billion, following a 5-percent increase in 2000; payments decreased 21 percent to \$4.3 billion, following a 17-percent decrease. Calling rates continued to decline, offsetting an increase in the volume of calls. Sharp reductions in calling rates in recent years and the availability of alternative means of communications, such as e-mail,

have resulted in lower levels of both receipts and payments for basic telecommunications services, but payments for basic services have fallen much more sharply than receipts since 1996 (see the box “The 2001 Benchmark Survey of Selected Services Transactions”). Moreover, the share of telecommunications services that is attributable to basic telecommunications services has decreased greatly since 1996, as transactions associated with privately leased channel services, value-added services (such as video-conferencing and broadband access services), and support services have surged.

Business, professional, and technical services receipts increased 6 percent, to \$25.7 billion in 2001, following a 12-percent decrease in 2000; payments increased 16 percent, to \$10.0 billion, following a 6-percent increase. The increases in receipts and payments in 2001 were spread among all major geographic areas and among most types of services. Receipts for construction, engineering, architectural, and mining services increased as increases in construc-

Data Sources

The estimates in this article are primarily based on data from the surveys conducted by the Bureau of Economic Analysis (BEA). However, the estimates for some services are based on data from a variety of other sources, including the U.S. Customs Service, surveys conducted by other Federal Government agencies, private sources, and partner countries.

BEA conducts 11 surveys of cross-border trade with unaffiliated foreigners—that is, with foreigners that neither own nor are owned by the U.S. party to the transaction. These surveys cover six broad categories of services: (1) Selected services (mainly miscellaneous business, professional, and technical services), (2) construction, engineering, architectural, and mining services, (3) insurance, (4) financial services, (5) royalties and license fees, and (6) transportation. Each of these categories is covered by a separate survey or by a group of surveys.

More detailed information on these surveys is available in *U.S. International Transactions in Private Services: A Guide to the Surveys Conducted by the Bureau of Economic Analysis*. The *Guide* presents general information about the classification, definition, and release schedules of all the surveys, and it provides details on the items covered on each survey, the frequency of the surveys, the numbers of respondents, and the methods used to prepare the estimates. The *Guide* is available on BEA's Web site at <www.bea.gov>, or by writing to the International Investment Division, BE-50, Bureau of Economic Analysis, Washington, DC 20230, or by e-mail at <internation-

accounts@bea.gov>. For further information, call 202-606-9853.

The data on intrafirm trade in services and on sales by majority-owned affiliates are collected in BEA's surveys of U.S. direct investment abroad and of foreign direct investment in the United States. For the methodologies for these surveys, see *U.S. Direct Investment Abroad: 1994 Benchmark Survey, Final Results* (Washington, DC: U.S. Government Printing Office, 1998) and *Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey* (Washington, DC: U.S. Government Printing Office, 2001).

For additional information on the methodology that is used to prepare the estimates of both affiliated and unaffiliated cross-border trade, see *The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures* (Washington DC: U.S. Government Printing Office, 1990). For changes in the methodology that have been made since 1990, see the section “Technical Notes” in the quarterly articles on the U.S. international transactions in the June 1990 and 1991 issues of the SURVEY OF CURRENT BUSINESS, the section “Revised Estimates for 1976-91” in the June 1992 issue, and the annual articles on the revised estimates of U.S. international transactions in the June 1993-95 issues and in the July 1996-2002 issues.

These methodologies and the SURVEY articles for July 1996-2002 are also available on BEA's Web site.

tion services and engineering and architectural services offset a decrease in mining services.¹² Receipts for each of these services may fluctuate sharply from year to year because they are typically based on a small num-

12. BEA is publishing separate estimates of construction services, of engineering, architectural, and other technical services, and of mining services for the first time (see table 1). This detail is based on data that BEA collects on its surveys.

ber of high-value projects. Receipts for operational leasing services, which largely consist of the leasing of transportation equipment without crew, decreased after years of steady increases. Receipts for “computer and data processing services” also decreased, reflecting general weakness in foreign economies, which had a pronounced effect on the U.S. high-tech industry; about half the value of the transactions associated with

The 2001 Benchmark Survey of Selected Services Transactions

The estimates of business, professional, and technical services were revised to incorporate the preliminary results of BEA’s 2001 Benchmark Survey of Selected Services Transactions with Unaffiliated Foreign Persons. The benchmark survey collects more detailed data than the annual surveys, which collect information on more than two dozen types of business, professional, and technical services. For example, the benchmark survey collects additional information on telecommunications, computer and data processing services, and database and other information services. In addition, it covers several smaller services that the annual survey does not cover in order to reduce respondent burden; these services are agricultural services, mailing reproduction and commercial art, employment agency and temporary help services, and management of health care facilities (see the accompanying table, which also provides comparable detail from the 1996 benchmark survey).

The benchmark survey was redesigned for 2001 to clarify that transactions conducted over the Internet were to be reported. The survey was also updated to cover services that have become increasingly important in today’s global market. For example, telecommunications “value-added services” now includes a specific reference to broadband access services, and “other business, professional, and technical services” now includes auction services and waste treatment services.

On the benchmark survey, only those U.S. individuals, companies, and other organizations whose sales or purchases of any type of covered service exceeded \$1 million were required to file a report. However, those who claimed exemption from reporting were required to report their total sales and purchases and to note the primary type of service associated with these transactions; in addition, some exempt entities voluntarily reported information on their transactions.

Estimates for business, professional, and technical services transactions that fall below the exemption levels for reporting on the benchmark and on the annual surveys are included in the accounts each year. The amounts, though small, eliminate a source of understatement in the universe estimates. Based on the reports filed in

claiming exemption and on the voluntary reports, \$237 million was added to receipts and \$197 million was added to payments in 2001. For transactions that were not reported by country, the data were allocated on the basis of the country composition of the transactions that were reported by country.

Detail Collected in the 1996 and 2001 Benchmark Survey of Selected Services Transactions With Unaffiliated Foreign Persons
[Billions of dollars]

	1996	2001 ^p
U.S. receipts		
Agricultural services.....	(*)	(*)
Computer and data processing services	1.6	2.6
Data entry, processing, and tabulation	0.3	1.0
Systems analysis, design, engineering, and custom programming.....	0.6	1.3
Integrated hardware/software systems	0.3	0.2
Other	0.4	0.2
Data base and other information services	1.2	2.2
Business and economic data base services	0.3	0.5
Medical, legal, technical, demographic, bibliographic, and similar data base services.....	0.1	(D)
General news services.....	(*)	0.1
Other	0.7	(D)
Employment agencies and temporary help services	0.1	(*)
Mailing, reproduction, and commercial art.....	(*)	(*)
Management of health care facilities	(*)	(*)
Miscellaneous disbursements.....	0.3	0.2
Disbursements to fund production costs of motion pictures	(*)	(*)
All other disbursements	0.3	0.2
Telecommunications	3.3	4.8
Message telephone services	2.6	3.2
Private leased channel services.....	0.4	(D)
Telex, telegram, and other jointly-provided (basic) services.....	(*)	(*)
Value added services.....	(*)	0.6
Support services	0.2	(D)
U.S. payments		
Agricultural services.....	(*)	(*)
Employment agencies and temporary help services	(*)	(*)
Mailing, reproduction, and commercial art.....	(*)	(*)
Management of health care facilities	(*)	(*)
Miscellaneous disbursements.....	0.8	1.3
Disbursements to fund production costs of motion pictures	0.2	0.5
All other disbursements	0.6	0.8
Telecommunications	8.3	4.3
Message telephone services	8.2	3.7
Private leased channel services.....	(*)	0.1
Telex, telegram, and other jointly-provided (basic) services.....	(*)	(D)
Value added services.....	(*)	0.2
Support services	(*)	(D)

^p Preliminary
^{*} Less than \$50 million.
^D Suppressed to avoid disclosure of data of individual companies.
 Note: Details may not add to totals because of rounding.

these services are related to systems analysis, design, engineering and custom programming.

Affiliated transactions. “Other private services” delivered to foreign markets through affiliated channels (intrafirm receipts) increased 11 percent, to \$36.2 billion, in 2001, following a 14-percent increase in 2000. The increase was generally widespread across industries and largely resulted from an increase in U.S. affiliates’ receipts from their foreign parents. Intrafirm payments increased 9 percent, to \$28.4 billion, following a 12-percent increase. Almost all of the increase in 2001 was attributable to payments by U.S. affiliates to foreign parents.

In 2001, the estimates of cross-border trade in “other private services” between affiliated parties by type of service were expanded to include two types of services that had previously been included in the “other” category: Research and development and testing services and management and consulting services (table C). These services were added because a significant portion of the services in the “other” category consisted of allocated expenses, such as charges for research and development or management services, that are apportioned among the various divisions or parts of an enterprise. Research and development and testing services accounted for 12 percent of “other private services” receipts and for 4 percent of “other private services” payments; management and consulting services accounted for 5 percent of receipts and for 6 percent of payments. However, in 2001, the “other” category continued to account for most of “other private services” receipts;¹³ the next largest category was research and development and testing services, followed by film and television tape rentals and financial services. Most of the “other private services” payments were accounted for by the “other” category, followed by financial services and by management and consulting services.

Sales Through Affiliates in 2000

In 2000, the latest year for which data are available, worldwide sales (the combined sales to foreign and U.S. persons) of services by U.S. multinational companies through their nonbank, majority-owned foreign

13. The “other” category includes allocated expenses—except those for research and development services and management services—and professional and technical services, such as public relations, advertising, legal services, and communication services except basic telecommunications services.

affiliates were \$411.5 billion, up 10 percent from 1999. Worldwide sales of services by foreign multinational companies through their nonbank, majority-owned U.S. affiliates were \$373.7 billion, up 18 percent (table D).¹⁴

Sales by affiliates—of both goods and services—are predominantly local transactions. In 2000, 86 percent of worldwide sales of services by foreign affiliates of U.S. companies were local sales, that is, transactions with parties located in the same country as the affiliate; the corresponding share for goods was 63 percent. Services’ larger share reflects the importance of proximity to the customer in the delivery of services. Partly reflecting the large U.S. market, local sales accounted for 93 percent of sales of services by U.S. affiliates of foreign companies and for an estimated 90 percent of sales of goods.¹⁵

14. In this section, sales of services are defined as sales that are typically associated with selected industry groups, which are listed in the note to table D.

15. Because the data on sales of goods by U.S. affiliates are not disaggregated by destination, the local and foreign shares have been estimated from the data on exports of goods shipped by affiliates. In 2000, these exports represented 10 percent of total sales of goods by these affiliates.

Table D. Sales of Services by U.S. MNC’s Through Their Nonbank MOFA’s and by Foreign MNC’s Through Their Nonbank MOUSA’s, 1999–2000
[Millions of dollars]

	1999	2000
Sales through MOFA’s		
Total	372,852	411,511
To affiliated persons	38,435	39,332
To unaffiliated persons	334,417	372,179
To U.S. persons	19,646	18,726
To U.S. parents	14,779	14,047
To unaffiliated U.S. persons	4,867	4,679
To foreign persons	353,206	392,785
To other foreign affiliates	23,656	25,285
To unaffiliated foreign persons	329,550	367,500
Local sales	320,686	355,273
To other foreign affiliates	9,790	11,351
To unaffiliated foreigners	310,896	343,922
Sales to other countries	32,520	37,512
To other foreign affiliates	13,866	13,934
To unaffiliated foreigners	18,654	23,578
Sales through MOUSA’s		
Total	316,939	373,732
To U.S. persons	293,485	346,669
To foreign persons	23,454	27,063
To the foreign parent group	10,259	10,289
To foreign affiliates	1,173	771
To other foreigners	12,021	16,003

NOTE: Depository institutions are excluded because data are not available.

In this table, sales of services through affiliates are those typical of establishments in the following industries derived from the North American Industry Classification System: Utilities; transportation and warehousing; information; finance and insurance; real estate and rental and leasing; professional, scientific, and technical services; management of companies and enterprises; administrative and support, waste management, and remediation services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; support activities for agriculture and forestry; support activities for oil and gas operations; support activities for mining; and other services.

MNC Multinational company
MOFA Majority-owned foreign affiliate
MOUSA Majority-owned U.S. affiliate

Sales of services to foreign persons by nonbank foreign affiliates (that is, their local sales plus their sales to other foreign countries) and sales of services to U.S. persons by nonbank U.S. affiliates (that is, their local sales) both represent services delivered to international markets through the channel of direct investment. These sales are presented by country of foreign affiliate or by country of the U.S. affiliates' ultimate beneficial owner (UBO) for 1993–2000 in table 8.¹⁶ Tables 9.1 and 9.2 present sales by primary industry of the foreign affiliate cross-classified by country in 1999 and 2000. Tables 10.1 and 10.2 present sales by primary industry of the U.S. affiliate cross-classified by country of UBO in 1999 and 2000.

Foreign affiliates' sales to foreign persons

In 2000, sales of services to foreign customers by nonbank, majority-owned foreign affiliates of U.S. companies were \$392.8 billion. By area, affiliates in Europe accounted for 52 percent of the total sales. Within Europe, almost half of the sales were accounted for by affiliates in the United Kingdom; affiliates in Germany had the second highest sales, followed by those in France and in the Netherlands. Affiliates in Canada accounted for 11 percent of sales to foreign persons, and affiliates in Japan accounted for 8 percent.¹⁷

16. The UBO of a U.S. affiliate is that person (in the broad legal sense, including a company), proceeding up the affiliate's ownership chain beginning with the foreign parent, that is not owned more than 50 percent by another person. The UBO ultimately owns or controls the affiliate and derives the benefits associated with ownership or control. Unlike the foreign parent, the UBO of a U.S. affiliate may be located in the United States.

By industry sector, sales were largest in "finance (except depository institutions) and insurance," in professional, scientific, and technical services, and in information. In finance and insurance, affiliates in insurance accounted for the majority of sales. In professional, scientific, and technical services, the largest sales were by affiliates in computer systems design and related services, followed by affiliates in architectural, engineering, and related services and in management, scientific, and technical consulting.¹⁸ In information, the largest sales were by affiliates in broadcasting and telecommunications (primarily telecommunications), followed by affiliates in information services and data processing services and in publishing industries.

Sales of services abroad by foreign affiliates increased 11 percent in 2000. Sales were spurred by strong economic growth in many of the important host countries for foreign affiliates, which not only boosted sales through existing affiliates but also created attractive opportunities for U.S. multinationals to acquire or establish new affiliates abroad. Indeed, much of the increase resulted from sales by newly ac-

17. Beginning with the estimates for 1999, BEA no longer uses the "international" category in tabulating foreign direct investment. This change is being made to comply with international guidelines for the compilation of international transactions and direct investment statistics set forth by the International Monetary Fund's *Balance of Payments Manual*, 5th ed. For details, see footnote 4 to table 8.

18. Computer-related services are also likely to have been sold by affiliates classified in other industries, especially those in computers and electronic products manufacturing and in wholesale trade of professional and commercial equipment and supplies. See the box "Delivery of Computer Services to Foreign Markets" on page 76.

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The box "Effects of the Terrorist Attacks of September 11th on Cross-Border Trade in Services" and the estimates of these effects on the insurance accounts were prepared by Erin Engasser.

quired firms as part of the boom in cross-border mergers and acquisitions.¹⁹ Many of the newly acquired firms were in industries and markets that offered investment opportunities and the potential for strong growth, including utilities that were acquired because of privatization programs in many countries and insurance, particularly life insurance in the Asia and Pacific region. The boom in cross-border mergers and acquisitions had a mixed impact on the sales of services through foreign affiliates because it also resulted in the loss of sales by affiliates that were acquired by foreign firms. However, the loss of these sales was more than offset by the increase in sales from newly acquired firms.

By country, the largest increase in sales was accounted for by affiliates in Canada, followed by affiliates in the United Kingdom and in Japan. In Canada, affiliates in wholesale trade and in utilities largely accounted for the increase. Sales in secondary activities, such as transportation, accounted for the increase in sales by affiliates in wholesale trade.²⁰ The increase in sales by affiliates in utilities was largely attributable to newly acquired natural gas distributors. In the United Kingdom, most of the increase in sales was accounted for by affiliates in utilities, mainly as a result of sales by newly acquired utility companies but also due to growth in sales by energy traders. In Europe excluding the United Kingdom, the growth in sales of services was curtailed by the exit of several large affiliates in waste management, travel services, and employment services from the affiliate universe as a result of foreign acquisitions of the foreign operations of the U.S. parent or of a restructuring following the foreign acquisition of the entire U.S. multinational company. In Japan, affiliates in life insurance and in computer systems design and related services accounted for most of

the increase. Affiliates in life insurance increased their sales by capturing market share from financially troubled Japanese life insurance companies and in some cases, by acquiring insolvent Japanese life insurers. Affiliates in computer systems design and related services increased their sales partly because Japanese firms expanded their outsourcing of information technology services.

By industry sector, the largest increases were in “finance (except depository institutions) and insurance,” in utilities, and in professional, scientific, and technical services. Most of the increase in finance and insurance was accounted for by affiliates in insurance, especially life insurance affiliates in the Asia and Pacific region. In utilities, most of the increase reflected sales by newly acquired firms in Canada and the United Kingdom. In professional, scientific, and technical services, most of the increase was accounted for by affiliates in computer systems design and related services, almost all of which were in the Asia and Pacific region.

U.S. affiliates' sales in the United States

In 2000, sales of services to U.S. customers by nonbank majority-owned U.S. affiliates of foreign companies were \$346.7 billion. By area of the affiliates' ultimate beneficial owner (UBO), Europe accounted for the largest share of total sales (67 percent), followed by Canada (15 percent), Asia and Pacific (12 percent), and Latin America and Other Western Hemisphere (4 percent). By country of the affiliates' UBO, the United Kingdom accounted for the largest share of sales, followed by Canada, Germany, and the Netherlands.

By industry sector, the largest sales were in “finance (except depository institutions) and insurance,” followed by information and by manufacturing. Insurance accounted for most of the sales in finance and insurance. In information, the largest sales were in publishing, followed by broadcasting and telecommu-

19. For additional information, see Maria Borga and Raymond J. Mataloni, Jr., “Direct Investment Positions for 2000: Country and Industry Detail,” *SURVEY 81* (July 2001): 16–29.

20. Wholesale trade provides distributive services for the sale of goods to retailers, intermediate users, and final users (except persons), and the value of the distributive services is embedded in the final value of goods they sell. When the data collection system for sales of services through affiliates was established, BEA chose to treat sales in wholesale trade as sales of goods because most of the value of the sale is attributable to the goods being sold and not to the distributive services. Consequently, wholesalers are actually more important suppliers of services than the data suggest. (The treatment of distributive services supplied by the retail trade industry is comparable with that of wholesale trade.) For a discussion of the measurement of distributive services in both cross-border trade and sales through affiliates, see Whichard and Borga, “Selected Issues in the Measurement of U.S. International Services.”

Data Availability

The estimates of cross-border trade for 1986–2001 and of sales through majority-owned affiliates for 1989–2000 are available as files that can be downloaded from BEA's Web site. To access these files, go to <www.bea.gov>, click on “Balance of payments and related data,” and look under “Goods and services.”

nications (primarily telecommunications). In manufacturing, the largest sales were in two industries that can have significant secondary activities in services: Transportation equipment (generally related to auto leasing and financing) and computers and electronic products (generally computer services).

U.S. affiliates' sales of services in the United States increased 18 percent in 2000. Strong U.S. economic growth fueled the boom in cross-border mergers and acquisitions and contributed to the growth in sales of services by existing U.S. affiliates. The increase primarily reflected net additions to the affiliate universe as a result of a record volume of new direct investments by foreign multinational companies.²¹ Acquisition activity was particularly strong in the services industries, such as finance, advertising, management services, insurance, and telecommunications. There were also new investments in affiliates classified in computers and electronic products manufacturing; these affiliates can have significant sales of computer services.

More than four-fifths of the increase in affiliates' sales of services was accounted for by affiliates with UBO's in Europe. Within Europe, the largest increases were by German, French, and Swiss affiliates. For Germany, the largest increases were in two manufacturing sectors—transportation equipment manufacturing and electrical equipment, appliances, and components manufacturing—followed by finance. In transportation equipment manufacturing, the increase reflected

an increase in auto leasing and financing by existing affiliates. In electrical equipment, appliances, and components manufacturing, the increase was due to sales by firms in computer systems design and related services that were newly acquired by existing manufacturing affiliates.²² The increase in finance reflected sales by newly acquired affiliates. For France, the increase largely reflected sales by newly acquired affiliates in advertising and related services and in management, scientific, and technical consulting. For Switzerland, the increase largely reflected sales by newly acquired affiliates in finance and in employment services. Outside of Europe, the largest increase in sales was by affiliates with UBO's in Canada. The increase was more than accounted for by utilities, reflecting both sales by newly acquired affiliates and growth in sales by existing affiliates.

By industry sector, the largest increase was by affiliates in finance and insurance, followed by affiliates in manufacturing and in professional, scientific, and technical services. In finance and insurance, the increase was mainly accounted for by the newly acquired affiliates in finance. The growth in sales by affiliates in manufacturing was primarily in electrical equipment, appliance, and component manufacturing and in transportation equipment manufacturing, mainly by affiliates with UBO's in Germany. In professional, scientific, and technical services, most of the growth was accounted for by affiliates in advertising and related services.

21. According to data from BEA's survey of new foreign direct investment, outlays to acquire or establish U.S. businesses were \$335.6 billion in 2000; see Thomas W. Anderson, "Foreign Direct Investment in the United States: New Investment in 2001," *SURVEY* 82 (June 2002): 28–35. These data cover only transactions involving U.S. businesses newly acquired or established by foreign direct investors. For additional information about foreign direct investment in the United States, including transactions involving both new and existing U.S. affiliates, see Borga and Mataloni, "Direct Investment Positions in 2000," and Zeile, "Operations in 2000."

22. On the reports used by BEA to collect the data, the sales of a newly acquired firm are consolidated with those of the existing affiliate, and the total sales are then recorded in the industry that accounts for the largest share of sales in the consolidated business. For these affiliates, the sales were included in electrical, appliance, and components manufacturing because that remained the industry with the largest share of sales for the consolidated business.

Table 1. Private Services Trade by Type, 1986–2001

[Millions of dollars]

	Exports															
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total private services	77,545	87,030	100,971	117,935	137,232	152,437	163,688	171,588	187,357	203,768	222,633	238,984	243,932	256,492	277,478	266,209
Travel	20,385	23,563	29,434	36,205	43,007	48,385	54,742	57,875	58,417	63,395	69,809	73,426	71,286	74,731	82,267	73,119
Overseas	15,650	18,044	22,313	26,938	30,807	34,518	40,864	45,298	47,299	54,331	59,963	63,041	61,262	63,947	70,050	61,315
Canada	2,701	3,309	4,150	5,340	7,093	8,500	8,182	7,458	6,252	6,207	6,842	6,945	6,206	6,670	7,055	6,484
Mexico	2,034	2,210	2,971	3,927	5,107	5,367	5,696	5,119	4,866	2,857	3,004	3,440	3,818	4,114	5,162	5,320
Passenger fares	5,582	7,003	8,976	10,657	15,298	15,854	16,618	16,528	16,997	18,909	20,422	20,868	20,098	19,785	20,760	18,007
Other transportation	15,438	17,027	19,311	20,526	22,042	22,631	21,531	21,958	23,754	26,081	26,074	27,006	25,604	26,916	30,137	28,306
Freight	4,864	5,452	6,491	7,209	8,379	8,651	8,441	8,594	9,575	11,273	11,146	11,789	11,048	11,560	12,994	11,930
Port services	10,574	11,575	12,820	13,318	13,662	13,979	13,088	13,364	14,180	14,809	14,929	15,217	14,557	15,356	17,143	16,376
Royalties and license fees	8,113	10,174	12,139	13,818	16,634	17,819	20,841	21,695	26,712	30,289	32,470	33,228	35,626	36,902	39,607	38,668
Affiliated	6,174	7,888	9,493	10,961	13,250	14,106	15,659	15,688	20,275	22,859	24,556	24,465	26,313	26,507	26,816	25,873
U.S. parents' transactions	5,994	7,668	9,238	10,612	12,867	13,523	14,925	14,936	19,250	21,399	22,719	23,091	24,362	24,807	24,585	23,502
U.S. affiliates' transactions	180	220	256	349	383	583	733	752	1,025	1,460	1,837	1,374	1,951	1,700	2,231	2,371
Unaffiliated	1,939	2,286	2,646	2,857	3,384	3,712	5,183	6,007	6,437	7,430	7,914	8,763	9,314	10,395	12,791	12,795
Industrial processes	n.a.	1,593	1,863	1,947	2,333	2,435	2,525	2,820	3,026	3,513	3,566	3,544	3,499	3,900	4,705	4,852
Other	n.a.	694	782	910	1,052	1,277	2,657	3,187	3,411	3,917	4,348	5,219	5,815	6,496	8,086	7,943
Other private services	28,027	29,263	31,111	36,729	40,251	47,748	49,956	53,532	61,477	65,094	73,858	84,456	91,318	98,158	104,707	108,109
Affiliated services	8,385	8,494	9,568	12,295	13,622	14,538	16,823	16,813	19,825	20,483	22,931	27,107	28,176	28,564	32,580	36,243
U.S. parents' transactions	5,577	5,658	6,808	9,117	9,532	9,975	10,479	10,902	13,313	13,033	14,118	17,288	18,135	17,977	19,846	21,237
U.S. affiliates' transactions	2,808	2,836	2,760	3,179	4,090	4,563	6,344	5,911	6,512	7,450	8,813	9,819	10,041	10,587	12,734	15,006
Unaffiliated services	19,641	20,769	21,544	24,433	26,629	33,210	33,134	36,718	41,652	44,611	50,927	57,349	63,142	69,594	72,127	71,866
Education	3,495	3,821	4,142	4,575	5,126	5,679	6,186	6,738	7,174	7,515	7,887	8,346	9,036	9,615	10,348	11,493
Financial services	3,301	3,731	3,831	5,036	4,417	5,012	4,034	4,999	5,763	7,029	8,229	10,243	11,327	13,410	16,307	15,209
Insurance, net	1,385	1,573	847	103	230	491	682	1,020	1,676	1,296	2,168	2,473	2,224	1,011	2,050	18
Premiums	3,424	3,615	3,534	3,117	3,388	3,365	3,852	3,981	4,921	5,491	5,929	6,118	7,278	6,760	8,458	8,658
Losses	2,039	2,042	2,687	3,015	3,158	2,874	3,170	2,961	3,245	4,195	3,761	3,645	5,054	5,749	6,408	8,640
Telecommunications	1,827	2,111	2,196	2,519	2,735	3,291	2,885	2,785	2,865	3,228	3,301	3,918	5,567	4,549	4,756	4,796
Business, professional, and technical services	4,813	4,765	5,970	6,823	7,752	12,045	11,722	12,958	15,330	16,078	19,466	21,547	22,676	27,701	24,373	25,720
Accounting, auditing, and bookkeeping services	21	27	37	124	119	168	164	164	132	181	222	316	412	294	363	403
Advertising	94	109	145	145	130	274	315	338	487	425	543	607	445	481	551	513
Computer and data processing services	985	649	1,198	978	1,031	1,738	776	986	1,306	1,340	1,617	2,011	1,941	3,312	3,050	2,644
Construction, engineering, architectural, and mining services	759	668	790	939	867	1,478	1,935	2,407	2,474	2,550	3,553	3,503	3,884	5,834	2,275	2,623
Construction	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	793	2,643	680	823
Engineering, architectural, and other technical services	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2,541	2,620	1,309	1,573
Mining services	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	550	571	286	228
Data base and other information services	124	133	196	205	283	442	641	694	1,026	1,078	1,158	1,479	1,764	2,131	2,165	2,192
Industrial engineering	98	304	278	219	473	363	212	268	575	726	870	1,186	1,271	1,865	716	780
Installation, maintenance, and repair of equipment	1,033	1,087	1,276	1,717	2,031	2,574	2,744	2,978	3,497	3,218	3,648	3,369	3,189	3,491	3,931	4,546
Legal services	97	147	272	397	451	1,309	1,358	1,442	1,617	1,667	1,943	2,223	2,406	2,465	3,232	3,143
Management, consulting, and public relations services	306	327	344	300	354	870	728	826	1,134	1,489	1,460	1,632	1,888	1,832	1,751	1,859
Medical services	490	516	541	588	630	672	708	750	794	856	1,005	1,113	1,204	1,353	1,501	1,676
Miscellaneous disbursements	n.a.	n.a.	n.a.	n.a.	n.a.	89	97	222	222	251	333	144	148	109	102	160
Operational leasing	384	484	544	671	801	796	854	834	925	978	1,482	2,012	2,367	2,671	2,890	2,753
Research, development, and testing services	282	177	231	375	384	602	611	464	522	638	681	893	867	994	1,046	1,317
Sports and performing arts	(D)	(D)	(D)	(D)	(D)	71	43	77	86	116	149	149	99	131	123	141
Training services	73	60	54	109	138	345	320	319	388	421	388	447	396	389	402	505
Other business, professional and technical services ¹	(D)	(D)	(D)	(D)	(D)	256	217	191	143	147	415	463	396	351	274	467
Other unaffiliated services ²	4,821	4,769	4,558	5,378	6,369	6,693	7,625	8,220	8,845	9,465	9,874	10,821	12,312	13,309	14,293	14,630

See footnotes at end of table.

Table 1. Private Services Trade by Type, 1986-2001—Continued
 [Millions of dollars]

	Imports															
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total private services	64,731	73,945	81,002	85,295	98,210	99,934	100,379	107,940	119,101	128,781	137,102	151,791	167,466	173,241	202,060	192,305
Travel	25,913	29,310	32,114	33,416	37,349	35,322	38,552	40,713	43,782	44,916	48,078	52,051	56,509	58,865	64,788	60,117
Overseas	20,311	23,313	25,260	25,746	28,929	26,506	29,838	31,859	34,534	35,281	37,436	40,667	44,395	46,925	51,775	46,933
Canada	3,034	2,939	3,232	3,394	3,541	3,705	3,554	3,692	3,914	4,319	4,670	4,904	5,718	6,135	6,367	6,477
Mexico	2,568	3,058	3,622	4,276	4,879	5,111	5,160	5,162	5,334	5,316	5,972	6,480	6,396	5,805	6,646	6,707
Passenger fares	6,505	7,283	7,729	8,249	10,531	10,012	10,603	11,410	13,062	14,663	15,809	18,138	19,971	21,315	24,306	22,418
Other transportation	17,766	19,010	20,891	22,172	24,966	24,975	23,767	24,524	26,019	27,034	27,403	28,959	30,363	34,139	41,598	38,823
Freight	12,512	12,618	13,792	13,997	15,046	14,554	13,571	14,518	16,006	16,455	16,539	17,654	19,412	22,218	27,388	25,667
Port services	5,254	6,392	7,099	8,176	9,920	10,421	10,197	10,005	10,013	10,579	10,864	11,305	10,950	11,925	14,210	13,156
Royalties and license fees	1,401	1,857	2,601	2,528	3,135	4,035	5,161	5,032	5,852	6,919	7,837	9,161	11,235	12,609	16,115	16,359
Affiliated	916	1,309	1,426	1,704	2,206	2,955	3,396	3,386	3,933	5,256	5,406	6,749	8,547	9,876	12,180	13,008
U.S. parents' transactions	118	168	141	71	239	166	189	234	420	583	761	1,379	1,782	1,812	1,946	2,026
U.S. affiliates' transactions	799	1,142	1,285	1,632	1,967	2,789	3,207	3,152	3,513	4,673	4,645	5,370	6,765	8,064	10,234	10,982
Unaffiliated	484	547	1,175	824	929	1,080	1,766	1,646	1,919	1,663	2,431	2,412	2,688	2,733	3,935	3,351
Industrial processes	n.a.	435	488	568	666	796	818	1,054	1,034	948	1,319	1,417	1,319	1,568	1,695	1,815
Other	n.a.	112	689	256	265	283	948	592	884	714	1,112	995	1,369	1,164	2,240	1,536
Other private services	13,146	16,485	17,667	18,930	22,229	25,590	22,296	26,261	30,386	35,249	37,975	43,482	49,388	46,313	55,253	54,588
Affiliated services	3,915	5,356	6,043	7,911	9,117	9,732	9,640	10,677	12,451	13,634	15,548	17,625	19,437	23,261	25,971	28,410
U.S. parents' transactions	2,391	3,050	3,461	4,783	5,334	5,260	5,355	5,721	6,538	6,861	7,084	9,012	10,415	12,951	13,433	13,467
U.S. affiliates' transactions	1,524	2,307	2,582	3,128	3,784	4,472	4,285	4,956	5,913	6,773	8,464	8,613	9,022	10,310	12,538	14,943
Unaffiliated services	9,231	11,129	11,624	11,019	13,111	15,859	12,656	15,585	17,935	21,615	22,427	25,857	29,951	23,052	29,282	26,178
Education	433	452	539	586	658	698	767	857	972	1,125	1,253	1,396	1,587	1,807	2,052	2,378
Financial services	1,769	2,077	1,656	2,056	2,475	2,669	986	1,371	1,654	2,472	2,907	3,347	3,590	3,418	4,472	4,016
Insurance, net	2,200	3,241	2,628	823	1,910	2,467	1,324	3,095	4,034	5,360	3,885	5,873	9,240	2,684	8,175	4,906
Premiums	7,217	8,538	8,954	9,909	10,222	11,207	11,738	12,093	14,075	15,284	14,522	15,211	20,398	20,857	26,930	39,895
Losses	5,017	5,297	6,326	9,086	8,312	8,740	10,414	8,998	10,041	9,925	10,637	9,338	11,158	18,173	18,755	34,989
Telecommunications	3,253	3,736	4,576	5,172	5,583	6,608	6,052	6,365	6,928	7,305	8,290	8,346	7,682	6,601	5,473	4,298
Business, professional, and technical services	1,303	1,367	1,926	2,059	2,093	3,015	3,102	3,504	3,869	4,822	5,547	6,407	7,392	8,110	8,636	10,040
Accounting, auditing, and bookkeeping services	29	37	31	22	57	89	104	103	130	170	218	279	403	592	567	928
Advertising	77	128	188	228	243	301	450	646	728	833	971	773	912	881	923	881
Computer and data processing services	32	74	107	46	44	116	71	101	83	126	276	636	917	984	922	1,016
Construction, engineering, architectural, and mining services	301	163	307	443	170	315	261	319	280	345	465	463	554	510	518	471
Construction	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	264
Engineering, architectural, and other technical services	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	156
Mining services	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	50
Data base and other information services	23	25	39	31	54	51	72	110	141	160	146	128	152	171	178	260
Industrial engineering	75	103	133	53	74	30	112	142	100	160	197	211	206	262	261	260
Installation, maintenance, and repair of equipment	467	496	616	704	714	538	191	175	164	160	239	307	242	315	822	996
Legal services	40	56	98	81	111	244	311	321	383	469	615	539	655	742	874	755
Management, consulting, and public relations services	60	67	73	143	135	271	243	287	321	465	497	687	872	842	755	998
Medical services	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Miscellaneous disbursements	n.a.	n.a.	n.a.	n.a.	n.a.	342	395	371	538	843	750	1,075	1,136	1,351	1,225	1,306
Operational leasing	50	48	78	88	202	229	337	356	401	407	325	189	175	173	187	212
Research, development, and testing services	76	114	182	133	210	241	225	239	294	364	379	564	637	749	903	1,064
Sports and performing arts	21	25	40	54	48	84	145	156	122	120	200	260	228	206	159	221
Training services	7	9	10	13	17	77	101	101	137	145	140	153	168	162	207	367
Other business, professional and technical services ¹	42	23	25	20	13	88	85	75	46	59	129	142	137	168	138	305
Other unaffiliated services ²	272	255	298	323	392	402	425	394	477	532	546	487	460	433	473	540

n.a. Not available

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. For exports, other business, professional, and technical services consists of agricultural services; language translation services; security services; collection services; salvage services; satellite photography and remote sensing/satellite imagery services; merchandising services; transcription services; waste treatment and depollution services; mailing, reproduction, and

commercial art services; personnel supply services; management of health care facilities services; auction services, and other trade-related services. For imports, other business, professional, and technical services consists of all of the components above with the exception of merchandising services.

2. Exports include mainly film and tape rentals and expenditures of foreign governments and international organizations in the United States. Imports include mainly expenditures of U.S. residents temporarily working abroad and film and tape rentals.

Table 2. Private Services Trade by Area and Country, 1986–2001

[Millions of dollars]

	Exports															
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All countries.....	77,545	87,030	100,971	117,935	137,232	152,437	163,688	171,588	187,357	203,768	222,633	238,984	243,932	256,492	277,478	266,209
Canada.....	8,465	9,371	10,703	13,323	15,684	17,750	17,380	16,971	17,216	17,927	19,492	20,484	19,126	21,105	23,465	24,276
Europe.....	24,896	30,259	35,754	41,593	48,192	53,570	60,182	62,138	67,473	73,092	81,274	86,443	93,928	97,865	104,668	99,472
Belgium-Luxembourg.....	1,027	1,025	1,209	1,475	1,763	1,946	2,308	2,207	2,782	2,843	2,882	2,860	2,981	3,161	3,110	3,370
France.....	2,912	3,648	3,885	4,642	5,542	6,168	6,998	6,816	6,694	7,965	8,862	9,358	9,575	9,689	9,935	9,522
Germany ¹	4,001	5,196	5,881	6,134	7,364	8,825	10,867	11,346	11,573	12,692	13,370	13,978	14,889	15,872	15,883	14,606
Italy.....	1,852	2,143	2,452	2,676	3,279	3,680	4,496	4,080	4,264	4,533	4,858	4,991	5,597	5,178	5,290	5,036
Netherlands.....	1,938	2,106	2,456	2,579	3,269	3,576	3,747	4,109	5,476	6,119	7,012	7,303	6,601	6,733	6,775	6,357
Norway.....							1,118	1,241	1,157	1,210	1,401	1,395	1,411	1,349	1,291	1,243
Spain.....							2,443	2,246	2,678	2,991	3,098	3,432	3,512	3,811	3,740	3,360
Sweden.....							1,756	1,728	1,747	1,890	2,474	2,382	2,573	2,231	3,306	3,181
Switzerland.....							2,894	2,922	3,695	3,843	4,294	4,325	4,949	4,618	5,653	5,822
United Kingdom.....	6,502	8,389	10,105	12,448	12,989	14,091	15,726	17,163	17,848	18,625	20,204	23,845	26,444	28,415	31,247	29,116
Other.....							7,834	8,726	9,558	10,381	12,819	12,850	15,396	16,807	18,440	17,867
Latin America and Other Western Hemisphere	14,206	14,398	15,669	17,842	21,957	24,842	26,722	29,126	32,740	32,872	35,736	42,398	46,710	49,053	53,061	51,749
South and Central America.....	11,472	11,744	13,027	15,142	18,447	21,174	23,228	25,219	27,931	27,639	29,826	34,981	38,091	39,106	41,985	40,401
Argentina.....							1,797	2,147	2,482	2,403	2,759	3,339	3,582	3,576	3,540	3,155
Brazil.....							2,499	2,949	3,737	4,997	5,205	6,405	6,616	5,548	6,027	5,777
Chile.....							620	777	1,156	991	1,189	1,424	1,334	1,510	1,406	1,312
Mexico.....	4,531	4,445	4,911	4,822	8,590	9,666	10,492	10,440	11,344	8,705	9,442	10,799	11,629	12,643	14,104	14,580
Venezuela.....	937	829	914	1,027	1,273	1,563	1,993	2,428	2,145	2,496	2,409	2,682	3,061	3,238	3,257	3,188
Other.....							5,832	6,480	7,070	8,049	8,820	10,337	11,872	12,593	13,653	12,390
Other Western Hemisphere.....	2,740	2,652	2,642	2,699	3,509	3,667	3,494	3,904	4,809	5,234	5,910	7,416	8,618	9,945	11,074	11,346
Bermuda.....							414	533	755	606	849	889	1,052	1,232	1,670	2,307
Other.....							3,077	3,371	4,056	4,628	5,062	6,529	7,566	8,714	9,403	9,040
Africa, Middle East, and Asia and Pacific	25,602	28,258	33,335	39,327	45,321	51,167	54,855	58,604	64,937	74,508	80,154	83,970	78,009	82,466	90,069	84,867
Africa.....							2,234	2,328	2,579	2,869	3,036	3,481	4,111	4,609	4,797	4,689
South Africa.....							465	494	625	801	843	1,004	1,067	1,301	1,346	1,225
Other.....							1,771	1,835	1,954	2,069	2,195	2,478	3,046	3,306	3,452	3,465
Middle East.....							3,965	4,147	5,052	5,796	6,681	6,844	7,444	7,623	7,048	6,823
Israel.....							896	1,106	1,484	1,637	1,899	1,918	2,048	2,227	2,320	2,247
Saudi Arabia.....							1,356	1,239	1,864	2,084	1,689	1,911	1,976	2,343	1,696	1,794
Other.....							1,713	1,802	1,702	2,074	3,095	3,012	3,419	3,051	3,030	2,780
Asia and Pacific.....							48,656	52,130	57,306	65,843	70,437	73,645	66,454	70,234	78,224	73,355
Australia.....	1,593	1,842	2,311	2,825	3,260	3,214	3,459	3,558	3,791	4,266	4,510	4,899	4,795	5,019	5,426	4,703
China.....							1,568	1,919	2,049	2,531	3,164	3,594	3,971	3,901	4,731	5,259
Hong Kong.....							2,259	2,365	2,804	2,998	3,338	3,627	3,466	3,347	3,721	3,418
India.....							1,094	1,138	1,226	1,320	1,496	1,593	1,875	2,031	2,525	2,825
Indonesia.....							775	893	874	1,157	1,415	1,784	1,469	1,460	1,106	1,014
Japan.....	10,273	12,376	14,827	18,363	21,159	23,981	25,554	26,794	28,952	33,240	33,535	33,926	29,824	30,669	34,313	30,812
Korea, Republic of.....							3,375	3,638	4,599	5,693	7,435	7,108	4,756	5,424	7,090	7,121
Malaysia.....							601	680	892	1,032	1,278	1,257	1,047	1,110	1,107	1,134
New Zealand.....							761	794	835	996	1,177	1,251	1,233	1,190	1,265	1,202
Philippines.....							968	1,247	1,187	1,059	1,237	1,500	1,317	1,610	1,625	1,576
Singapore.....							2,155	2,414	2,646	3,148	3,854	4,099	3,819	4,508	4,472	4,081
Taiwan.....							3,173	3,466	4,168	4,429	4,048	4,743	3,997	4,868	4,686	4,597
Thailand.....							750	1,016	1,020	1,188	1,216	1,243	1,160	1,086	1,165	1,068
Other.....							2,160	2,205	2,267	2,786	2,734	3,019	3,725	4,016	4,990	4,548
International organizations and unallocated.....	4,376	4,745	5,510	5,850	6,077	5,109	4,548	4,750	4,990	5,365	5,971	5,687	6,155	6,005	6,216	5,843
Addenda:																
European Union ²	20,752	25,259	29,447	34,307	39,149	44,150	51,140	52,374	56,013	63,938	70,372	75,265	81,868	85,879	91,377	86,130
Eastern Europe ³	283	298	403	686	956	1,140	1,163	1,673	2,183	2,580	3,283	3,392	3,705	3,631	3,686	3,758

See footnotes at end of table.

Table 2. Private Services Trade by Area and Country, 1986–2001—Continued
 [Millions of dollars]

	Imports															
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All countries.....	64,731	73,945	81,002	85,295	98,210	99,934	100,379	107,940	119,101	128,781	137,102	151,791	167,466	173,241	202,060	192,305
Canada.....	6,311	6,854	8,350	8,640	9,130	9,716	8,688	9,223	10,132	11,160	12,451	13,923	15,487	15,559	17,130	18,133
Europe.....	24,132	28,313	30,866	33,010	39,815	39,262	39,718	44,417	48,996	52,708	53,856	61,517	70,634	71,578	86,920	76,864
Belgium-Luxembourg.....	604	556	622	813	1,022	958	1,028	1,048	1,245	1,480	1,498	1,716	1,928	2,181	2,295	2,236
France.....	2,264	2,679	2,931	3,517	4,169	3,927	4,581	4,958	5,749	5,951	6,023	6,757	7,536	7,932	10,625	8,933
Germany ¹	3,982	5,198	5,540	6,048	6,819	6,438	6,376	6,806	7,280	7,586	7,705	7,934	9,783	9,973	11,664	10,184
Italy.....	2,258	2,509	2,870	2,863	3,469	3,299	3,177	3,142	3,433	3,743	3,492	3,681	4,059	4,641	5,156	5,360
Netherlands.....	1,032	1,305	1,317	1,609	1,935	2,157	2,479	2,211	2,613	3,191	3,157	3,461	4,333	3,950	5,291	5,517
Norway.....							1,034	1,414	1,184	1,162	1,281	1,281	784	857	840	912
Spain.....							1,271	1,081	1,140	1,109	1,304	1,457	1,880	2,143	2,540	2,220
Sweden.....							779	942	857	844	884	854	847	1,071	1,335	1,247
Switzerland.....							1,710	1,945	2,317	2,285	2,636	2,765	3,766	3,673	5,318	4,368
United Kingdom.....	7,542	8,918	9,411	9,795	11,564	12,111	10,538	13,634	14,692	16,063	16,186	21,363	23,282	23,738	26,875	22,930
Other.....							6,746	7,237	8,486	9,293	9,690	10,249	12,487	11,419	14,982	12,960
Latin America and Other Western Hemisphere	13,010	14,964	15,648	16,840	18,643	19,602	20,127	20,588	22,783	24,252	26,954	29,813	32,469	31,811	36,769	39,239
South and Central America.....	7,522	9,074	10,241	11,180	12,737	13,254	13,439	13,582	14,850	15,500	17,711	19,156	19,724	20,265	22,217	21,039
Argentina.....							449	464	572	572	779	864	855	874	954	734
Brazil.....							679	734	904	1,165	1,421	1,764	1,959	1,701	1,933	1,770
Chile.....							332	362	415	427	519	537	569	818	871	840
Mexico.....	3,681	4,506	5,068	5,976	6,731	7,056	7,269	7,410	7,849	7,930	8,918	9,830	9,816	9,434	10,999	10,954
Venezuela.....	480	526	619	487	659	584	633	714	761	701	767	705	735	697	640	728
Other.....							4,077	3,899	4,352	4,708	5,308	5,452	735	6,740	6,821	6,010
Other Western Hemisphere.....	5,488	5,892	5,407	5,659	5,905	6,348	6,690	7,005	7,933	8,750	9,244	10,656	12,745	11,547	14,551	18,201
Bermuda.....							1,522	1,278	1,832	2,713	2,867	3,632	4,850	4,518	6,628	10,625
Other.....							5,167	5,727	6,100	6,036	6,377	7,023	7,893	7,030	7,923	7,577
Africa, Middle East, and Asia and Pacific.....	19,371	21,999	23,617	24,232	27,976	29,285	29,120	31,789	35,300	38,542	41,580	44,633	46,524	52,299	58,088	55,371
Africa.....							1,472	1,527	1,911	1,947	2,380	2,552	2,591	2,802	3,022	3,022
South Africa.....							199	228	294	398	543	726	857	845	863	891
Other.....							1,276	1,298	1,616	1,548	1,837	1,827	1,676	1,747	1,941	2,130
Middle East.....							2,053	2,172	2,240	2,663	3,152	3,224	3,673	3,836	3,320	3,335
Israel.....							1,016	1,068	1,192	1,171	1,369	1,505	1,431	1,595	1,801	1,352
Saudi Arabia.....							337	339	307	559	437	576	857	875	464	515
Other.....							698	764	740	936	1,346	1,142	1,383	1,368	1,055	1,468
Asia and Pacific.....							25,595	28,090	31,148	33,933	36,048	38,860	40,319	45,872	51,965	49,013
Australia.....	1,163	1,495	1,644	1,748	2,290	2,386	2,215	2,163	1,929	2,142	2,573	2,675	3,312	3,137	3,282	3,498
China.....							1,044	1,303	1,459	1,674	1,936	2,205	2,294	2,668	2,754	3,012
Hong Kong.....							1,420	1,336	1,881	1,901	2,920	3,038	3,242	3,758	4,128	3,731
India.....							636	687	760	851	1,093	1,223	1,541	1,492	1,884	1,744
Indonesia.....							440	428	438	443	550	547	304	369	433	302
Japan.....	6,662	7,527	8,396	8,927	10,529	11,772	10,607	11,785	12,584	13,463	12,907	13,566	13,360	15,797	17,556	17,162
Korea, Republic of.....							2,041	2,343	2,796	3,581	4,124	4,540	4,152	4,304	4,178	3,765
Malaysia.....							265	299	355	451	456	532	371	337	338	416
New Zealand.....							525	538	567	601	661	695	943	1,102	1,163	1,348
Philippines.....							785	851	1,036	1,121	1,361	1,456	1,247	1,168	1,536	1,435
Singapore.....							684	938	1,155	1,232	1,817	2,094	1,854	2,231	2,297	2,010
Taiwan.....							1,978	2,381	2,649	2,856	2,702	3,362	2,901	3,455	3,701	3,454
Thailand.....							389	377	475	677	802	758	792	916	923	891
Other.....							2,569	2,659	3,062	2,944	2,148	2,165	4,002	5,146	7,789	6,246
International organizations and unallocated.....	1,907	1,815	2,521	2,573	2,646	2,069	2,726	1,926	1,889	2,119	2,266	1,902	2,356	1,992	3,151	2,698
Addenda:																
European Union ²	20,412	23,961	25,813	28,057	33,394	32,924	32,960	36,680	40,238	45,301	45,486	52,846	60,555	62,185	74,828	65,798
Eastern Europe ³	345	477	508	582	797	1,052	1,596	1,513	1,965	2,171	2,346	2,147	2,552	2,349	2,473	2,399

1. Prior to 1990, this line includes data only for the Federal Republic of Germany. Beginning in 1990, this line also includes the former German Democratic Republic.

2. The European Union comprises Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, United Kingdom, Austria, Finland, and Sweden. The last three countries joined the Union on January 1, 1995. The estimates prior to 1995 do not reflect the addition of these three countries.

3. Eastern Europe comprises Albania, Armenia, Azerbaijan, Belarus, Bulgaria, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Poland, Romania, Russia, Slovakia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan.

NOTE: The full country and area detail shown in the stub is available only since 1992.

Table 3.1. Travel, Passenger Fares, and Other Transportation, 1998

[Millions of dollars]

	Receipts											Payments											
	Travel	Pas- senger fares	Other transportation									Travel	Pas- senger fares	Other transportation									
			Total	Freight				Port services						Total	Freight				Port services				
				Total	Ocean	Air	Other	Total	Ocean	Air	Other				Total	Ocean	Air	Other	Total	Ocean	Air	Other	
All countries	71,286	20,098	25,604	11,048	3,783	4,758	2,505	14,557	7,145	7,253	160	56,509	19,971	30,363	19,412	13,652	3,624	2,136	10,950	1,930	8,935	86	
Canada	6,206	1,478	2,317	1,856	59	71	1,726	461	38	263	160	5,718	587	2,910	2,285	97	56	2,132	625	158	381	86	
Europe	24,112	7,024	8,827	3,037	1,361	1,578	98	5,790	2,693	3,097	.....	20,481	10,554	11,323	6,929	5,434	1,495	.....	4,394	648	3,746	.....
Belgium-Luxembourg.....	487	262	423	307	222	79	6	116	46	70	.....	385	297	513	157	81	76	.....	356	118	238	.....
France.....	2,348	993	893	290	52	231	7	603	27	576	.....	2,997	723	758	257	92	165	.....	501	43	458	.....
Germany.....	4,155	1,341	1,153	394	135	245	14	759	587	172	.....	2,063	1,454	1,873	1,186	892	294	.....	687	102	585	.....
Italy.....	1,907	651	411	126	47	75	4	285	66	219	.....	2,446	389	547	445	377	68	.....	102	13	89	.....
Netherlands.....	922	217	1,046	420	269	119	32	626	73	553	.....	756	910	797	336	171	165	.....	461	130	331	.....
Norway.....	428	18	228	28	16	12	.....	200	200	.....	.....	222	38	349	346	346	.....	3	3	.....	.....
Spain.....	961	386	231	139	76	63	.....	92	2	90	.....	1,138	172	116	35	7	28	.....	81	27	54	.....
Sweden.....	675	263	220	69	22	47	.....	151	62	89	.....	209	48	171	161	124	37	.....	10	10	.....	.....
Switzerland.....	1,146	180	278	61	.....	61	.....	217	52	165	.....	755	701	224	205	97	108	.....	19	.....	19	.....
United Kingdom.....	7,600	2,258	1,742	747	203	534	10	995	217	778	.....	5,142	3,896	2,397	764	409	355	.....	1,633	111	1,522	.....
Other.....	3,483	455	2,202	456	319	112	25	1,746	1,361	385	.....	4,368	1,926	3,578	3,037	2,838	199	.....	541	91	450	.....
Latin America and Other Western Hemisphere	19,498	5,600	3,282	1,896	479	1,125	292	1,386	237	1,149	.....	15,725	2,894	2,351	647	475	168	4	1,704	337	1,367	.....
South and Central America.....	16,810	4,901	2,909	1,719	408	1,055	256	1,190	171	1,019	.....	11,671	2,234	1,822	471	307	160	4	1,351	296	1,055	.....
Argentina.....	1,519	627	191	106	28	78	.....	85	.....	85	.....	469	124	13	7	.....	7	.....	6	6	.....	.....
Brazil.....	2,753	1,071	542	287	45	242	.....	255	10	245	.....	912	405	86	40	18	22	.....	46	22	24	.....
Chile.....	552	181	153	54	17	37	.....	99	27	72	.....	281	87	89	75	42	33	.....	14	5	9	.....
Mexico.....	3,818	958	549	205	48	104	53	344	86	258	.....	6,396	809	958	111	101	6	4	847	71	776	.....
Venezuela.....	1,592	323	192	155	33	113	9	37	20	17	.....	383	122	82	33	33	.....	49	45	4	.....	
Other.....	6,576	1,741	1,282	912	237	481	194	370	28	342	.....	3,230	687	594	205	113	92	.....	389	147	242	.....
Other Western Hemisphere.....	2,688	699	373	177	71	70	36	196	66	130	.....	4,054	660	529	176	168	8	.....	353	41	312	.....
Bermuda.....	18	7	8	8	.....	8	.....	.....	.....	.....	.....	356	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other.....	2,670	692	365	169	71	62	36	196	66	130	.....	3,698	660	529	176	168	8	.....	353	41	312	.....
Africa	1,183	31	491	208	155	34	19	283	39	244	.....	1,185	484	165	83	67	16	.....	82	71	11	.....
South Africa.....	386	0	77	18	5	5	8	59	7	52	.....	362	273	36	29	21	8	.....	7	2	5	.....
Other.....	797	31	414	190	150	29	11	224	32	192	.....	823	211	129	54	46	8	.....	75	69	6	.....
Middle East	2,403	626	1,016	527	449	78	.....	489	131	358	.....	1,510	441	503	335	238	97	.....	168	96	72	.....
Israel.....	809	412	297	172	142	30	.....	125	.....	125	.....	428	328	187	77	.....	77	.....	110	52	58	.....
Saudi Arabia.....	542	19	124	86	68	18	.....	38	.....	38	.....	472	77	27	20	.....	20	.....	7	1	6	.....
Other.....	1,052	195	595	269	239	30	.....	326	131	195	.....	610	36	289	238	238	.....	.....	51	43	8	.....
Asia and Pacific	17,884	5,339	9,103	3,506	1,264	1,872	370	5,597	3,455	2,142	.....	11,890	5,011	11,727	7,749	5,957	1,792	.....	3,978	620	3,358	.....
Australia.....	1,562	548	282	163	8	113	42	119	20	99	.....	1,201	587	214	64	37	27	.....	150	5	145	.....
China.....	1,140	151	510	200	115	85	.....	310	115	195	.....	924	139	707	482	262	220	.....	225	62	163	.....
Hong Kong.....	746	383	463	447	154	293	.....	16	16	.....	.....	1,189	460	604	217	215	2	.....	387	40	347	.....
India.....	779	57	132	107	92	15	.....	25	3	22	.....	812	133	56	23	13	10	.....	33	28	5	.....
Indonesia.....	179	109	63	60	53	7	.....	3	.....	3	.....	139	10	35	9	5	4	.....	26	26	.....	.....
Japan.....	9,424	3,616	2,819	1,048	319	640	89	1,771	1,093	678	.....	2,719	784	4,219	2,425	1,927	498	.....	1,794	135	1,659	.....
Korea, Republic of.....	991	44	1,231	206	146	60	.....	1,025	564	461	.....	1,175	1,141	1,403	1,295	840	455	.....	108	65	43	.....
Malaysia.....	172	0	142	106	24	82	.....	36	7	29	.....	163	67	45	35	14	21	.....	10	10	.....	.....
New Zealand.....	488	79	187	20	.....	7	13	167	.....	167	.....	391	293	75	22	.....	22	.....	53	2	51	.....
Philippines.....	469	92	179	103	36	67	.....	76	26	50	.....	658	160	109	55	37	18	.....	54	10	44	.....
Singapore.....	299	64	456	221	54	167	.....	235	91	144	.....	539	183	572	442	323	119	.....	130	10	120	.....
Taiwan.....	1,035	80	985	259	104	155	.....	726	582	144	.....	797	656	1,070	938	778	160	.....	132	42	90	.....
Thailand.....	209	21	123	73	19	54	.....	50	2	48	.....	442	139	58	28	7	21	.....	30	8	22	.....
Other.....	391	95	1,531	493	140	127	226	1,038	936	102	.....	741	259	2,560	1,714	1,499	215	.....	846	177	669	.....
International organizations and unallocated.....	.....	.....	568	16	16	.....	.....	552	552	.....	.....	.....	.....	1,384	1,384	1,384	.....	.....	.....	.....	.....	.....
Addenda:																							
European Union ¹	20,963	6,646	7,406	2,722	1,167	1,471	84	4,684	1,863	2,821	.....	17,261	9,135	8,969	4,878	3,615	1,263	.....	4,091	580	3,511	.....
Eastern Europe ²	1,257	159	270	166	124	32	10	104	36	68	.....	1,326	452	219	124	110	14	.....	95	51	44	.....

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 3.4. Travel, Passenger Fares, and Other Transportation, 2001

[Millions of dollars]

	Receipts											Payments											
	Travel	Pas- senger fares	Other transportation									Travel	Pas- senger fares	Other transportation									
			Total	Freight				Port services						Total	Freight				Port services				
				Total	Ocean	Air	Other	Total	Ocean	Air	Other				Total	Ocean	Air	Other	Total	Ocean	Air	Other	
All countries.....	73,119	18,007	28,306	11,930	4,143	5,364	2,423	16,376	8,474	7,699	203	60,117	22,418	38,823	25,667	19,395	3,958	2,314	13,156	2,002	11,047	107	
Canada.....	6,484	1,668	2,212	1,837	146	80	1,611	375	45	127	203	6,477	684	3,298	2,461	146	45	2,270	837	219	511	107	
Europe.....	23,795	6,036	9,409	3,349	1,293	1,888	168	6,060	2,842	3,218	.....	22,065	12,195	13,278	8,325	6,830	1,463	32	4,953	587	4,366	.....
Belgium-Luxembourg.....	430	152	533	404	232	93	79	129	48	81	.....	300	283	593	176	95	81	.....	417	120	297	.....
France.....	2,284	884	631	343	52	279	12	288	28	260	.....	3,410	1,143	956	273	108	165	.....	683	13	670	.....
Germany.....	2,965	779	1,887	462	147	303	12	1,425	615	810	.....	2,368	1,701	2,136	1,331	1,050	281	.....	805	104	701	.....
Italy.....	1,181	371	383	163	75	84	4	220	69	151	.....	2,861	748	708	525	444	81	.....	183	67	116	.....
Netherlands.....	1,081	388	630	346	156	161	29	284	78	206	.....	664	834	805	361	202	159	.....	444	48	396	.....
Norway.....	354	0	180	14	9	5	.....	166	166	.....	.....	226	27	382	360	360	.....	.....	22	22	.....	.....
Spain.....	911	208	298	181	113	68	.....	117	2	115	.....	1,196	272	119	28	8	20	.....	91	47	44	.....
Sweden.....	540	181	224	54	28	26	.....	170	51	119	.....	230	83	187	177	135	42	.....	10	10	.....	.....
Switzerland.....	982	152	299	60	.....	60	.....	239	43	196	.....	702	818	251	233	101	132	.....	18	.....	18	.....
United Kingdom.....	9,191	2,685	1,904	847	178	661	8	1,057	146	911	.....	5,990	3,801	2,416	781	395	386	.....	1,635	58	1,577	.....
Other.....	3,876	236	2,440	475	303	148	24	1,965	1,596	369	4,118	2,485	4,725	4,080	3,932	116	32	645	98	547
Latin America and Other	20,671	5,496	3,089	1,733	424	1,033	276	1,356	301	1,055	.....	16,900	2,888	3,004	879	723	144	12	2,125	212	1,913	.....
Western Hemisphere.....	17,318	4,653	2,642	1,505	305	956	244	1,137	229	908	.....	12,548	2,111	2,414	693	542	139	12	1,721	147	1,574	.....
South and Central America.....	1,003	795	110	49	10	39	.....	61	.....	61	.....	381	51	57	2	1	.....	.....	55	0	55	.....
Argentina.....	1,862	729	447	224	14	210	.....	223	12	211	.....	820	337	148	44	22	22	.....	104	6	98	.....
Brazil.....	469	115	184	75	39	36	.....	109	33	76	.....	408	97	116	106	53	53	.....	10	8	2	.....
Chile.....	5,320	941	680	345	61	221	63	335	109	226	.....	6,707	806	1,548	190	177	7	6	1,358	29	1,329	.....
Mexico.....	1,824	342	156	117	16	91	10	39	24	15	.....	311	84	119	59	59	.....	.....	60	45	15	.....
Venezuela.....	6,840	1,731	1,065	695	165	359	171	370	51	319	.....	3,921	736	426	292	230	56	6	134	59	75	.....
Other.....	3,353	843	447	228	119	77	32	219	72	147	.....	4,352	777	590	186	181	5	.....	404	65	339	.....
Other Western Hemisphere.....	19	13	7	7	.....	7	.....	.....	.....	.....	.....	532	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bermuda.....	3,334	830	440	221	119	70	32	219	72	147	.....	3,820	777	590	186	181	5	.....	404	65	339	.....
Other.....	1,401	73	437	312	255	49	8	125	16	109	.....	1,392	522	305	204	100	104	.....	101	91	10	.....
Africa.....	343	10	140	24	11	5	8	116	16	100	.....	284	260	60	48	40	8	.....	12	6	6	.....
South Africa.....	1,058	63	297	288	244	44	0	9	9	9	.....	1,108	262	245	156	60	96	.....	89	85	4	.....
Other.....	2,155	205	908	593	515	78	.....	315	0	315	.....	1,060	373	921	678	359	319	.....	243	195	48	.....
Middle East.....	847	177	354	240	179	61	.....	114	.....	114	.....	412	270	141	51	.....	51	.....	90	55	35	.....
Israel.....	567	7	166	128	111	17	.....	38	.....	38	.....	188	60	127	20	.....	20	.....	107	95	12	.....
Saudi Arabia.....	741	21	388	225	225	0	.....	163	0	163	.....	460	43	653	607	359	248	.....	46	45	1	.....
Other.....	18,613	4,529	11,722	4,098	1,502	2,236	360	7,624	4,749	2,875	.....	12,223	5,756	16,461	11,564	9,681	1,883	.....	4,897	698	4,199	.....
Asia and Pacific.....	1,424	375	263	156	22	94	40	107	8	99	.....	1,542	754	216	63	38	25	.....	153	6	147	.....
Australia.....	1,005	314	894	378	202	176	.....	516	159	357	.....	1,220	178	1,215	823	394	429	.....	392	174	218	.....
China.....	646	233	505	483	147	336	.....	22	22	.....	.....	918	572	831	323	323	.....	.....	508	90	418	.....
Hong Kong.....	1,041	121	170	136	118	18	.....	34	3	31	.....	719	122	94	29	19	10	.....	65	40	25	.....
India.....	221	141	74	71	65	6	.....	3	.....	3	.....	179	0	40	7	7	.....	.....	33	33	.....	
Indonesia.....	8,899	2,806	3,298	1,229	384	761	84	2,069	1,279	790	.....	2,659	1,006	5,255	3,158	2,688	470	.....	2,097	149	1,948	.....
Japan.....	1,928	43	1,751	335	132	203	.....	1,416	780	636	.....	698	1,068	1,560	1,451	1,264	187	.....	109	47	62	.....
Korea, Republic of.....	188	5	190	140	53	87	.....	50	10	40	.....	151	(D)	48	29	21	8	.....	19	18	1	.....
Malaysia.....	513	84	176	19	.....	7	12	157	.....	157	.....	801	395	68	19	.....	19	.....	49	.....	49	.....
New Zealand.....	740	117	269	136	71	65	.....	133	36	97	.....	719	314	125	56	56	.....	.....	69	28	41	.....
Philippines.....	314	68	601	293	72	221	.....	308	126	182	.....	423	171	792	652	486	166	.....	140	24	116	.....
Singapore.....	919	89	1,302	290	67	223	.....	1,012	805	207	.....	785	726	1,609	1,431	1,170	261	.....	178	37	141	.....
Taiwan.....	260	18	114	62	26	36	.....	52	2	50	.....	499	(D)	127	93	10	83	.....	34	16	18	.....
Thailand.....	515	115	2,115	370	143	3	224	1,745	1,519	226	.....	910	265	4,481	3,430	3,205	225	.....	1,051	36	1,015	.....
Other.....	International organizations and unallocated.....	.....	529	8	8	.....	.....	521	521	.....	.....	.....	1,556	1,556	1,556	.....	.....	.....	.....	.....	.....	.....
Addenda:	European Union¹.....	20,555	5,788	7,906	3,038	1,095	1,787	156	4,868	1,991	2,877	19,053	10,677	10,568	5,940	4,644	1,296	.....	4,628	498	4,130	.....
Eastern Europe ²	1,238	58	271	124	96	20	.....	8	147	59	88	1,164	382	245	190	147	11	32	55	28	27	.....

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 4.1. Royalties and License Fees, 1998

[Millions of dollars]

	Receipts											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	35,626	26,313	24,362	1,951	9,314	3,499	334	242	506	1,042	3,195	493
Canada.....	1,657	1,328	1,287	41	329	82	19	(D)	41	47	125	(D)
Europe.....	18,935	15,358	14,064	1,294	3,577	1,170	195	173	230	298	1,508	3
Belgium-Luxembourg.....	682	558	553	6	124	72	3	3	3	9	33	(*)
France.....	2,194	1,812	1,785	27	382	142	26	31	15	16	153	(*)
Germany.....	3,218	2,318	2,114	204	900	243	41	68	80	23	444	1
Italy.....	1,059	803	779	24	256	53	20	12	20	35	116	(*)
Netherlands.....	1,701	1,552	1,425	127	149	59	9	6	6	4	64	(*)
Norway.....	124	85	83	1	40	3	2	1	5	2	26	0
Spain.....	556	416	416	0	139	27	13	10	5	46	38	(*)
Sweden.....	489	(D)	245	(D)	(D)	148	6	4	6	5	(D)	0
Switzerland.....	890	757	581	175	133	77	6	4	2	7	39	0
United Kingdom.....	3,595	2,960	2,311	648	635	154	48	21	48	44	319	1
Other.....	4,427	(D)	3,772	(D)	(D)	192	22	12	40	106	(D)	(*)
Latin America and Other Western Hemisphere.....	2,552	1,985	1,828	156	567	110	34	17	53	176	(D)	(D)
South and Central America.....	2,088	1,579	1,423	156	509	(D)	32	16	36	171	(D)	(*)
Argentina.....	252	(D)	176	(D)	(D)	7	6	4	3	27	(D)	0
Brazil.....	587	(D)	398	(D)	(D)	17	14	4	4	50	(D)	(*)
Chile.....	57	32	27	4	25	5	1	(*)	3	11	5	0
Mexico.....	770	625	548	77	145	40	7	8	9	42	39	(*)
Venezuela.....	147	101	99	2	46	12	1	(*)	2	13	17	0
Other.....	276	207	175	32	69	(D)	3	1	15	27	(D)	0
Other Western Hemisphere.....	463	406	405	(*)	57	(D)	2	(*)	16	4	(D)	(D)
Bermuda.....	(D)	105	105	(*)	(D)	(D)	0	0	(*)	1	(D)	(D)
Other.....	(D)	300	300	(*)	(D)	1	2	(*)	16	3	(D)	0
Africa.....	311	210	185	25	102	17	5	1	12	24	43	0
South Africa.....	186	(D)	98	(D)	(D)	14	4	1	5	(D)	39	0
Other.....	125	(D)	87	(D)	(D)	3	1	(*)	7	(D)	4	0
Middle East.....	155	31	27	4	124	20	6	1	38	13	46	(*)
Israel.....	76	18	18	(*)	58	4	4	1	9	8	32	(*)
Saudi Arabia.....	40	6	6	(*)	34	11	1	0	12	2	8	0
Other.....	39	7	3	4	32	5	1	0	18	3	6	0
Asia and Pacific.....	10,174	6,087	5,753	334	4,087	2,094	61	32	123	466	1,302	8
Australia.....	728	537	516	20	191	33	10	5	12	23	109	(*)
China.....	318	212	211	1	106	47	(*)	1	5	5	46	1
Hong Kong.....	244	171	167	4	73	23	3	1	11	15	19	0
India.....	63	17	17	0	46	20	1	1	4	2	17	0
Indonesia.....	46	18	18	(*)	28	11	1	1	3	6	6	0
Japan.....	5,776	3,420	3,200	220	2,356	1,172	36	12	31	374	724	7
Korea, Republic of.....	835	(D)	161	(D)	(D)	483	2	1	9	8	(D)	0
Malaysia.....	120	53	50	3	68	43	1	1	10	2	12	0
New Zealand.....	77	53	53	(*)	25	2	(*)	6	3	4	10	0
Philippines.....	85	52	52	0	33	8	3	1	7	11	4	0
Singapore.....	1,169	1,105	1,092	13	64	37	1	(*)	4	2	20	0
Taiwan.....	588	155	152	2	434	192	3	(*)	13	10	215	0
Thailand.....	109	(D)	60	(D)	(D)	19	(*)	3	8	2	(D)	0
Other.....	16	5	4	(*)	11	2	(*)	(*)	4	3	2	0
International organizations and unallocated.....	1,842	1,314	1,217	97	528	7	13	(D)	9	18	(D)	465
Addenda:												
European Union ¹	17,525	14,299	13,192	1,108	3,225	1,071	178	164	204	257	1,348	3
Eastern Europe ²	290	172	163	9	118	14	7	4	11	8	75	0

See footnotes at end of table.

Table 4.1. Royalties and License Fees, 1998—Continued
 [Millions of dollars]

	Payments											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	11,235	8,547	1,782	6,765	2,688	1,319	163	436	4	187	498	80
Canada.....	420	297	25	272	123	82	17	9	(*)	6	9	(*)
Europe.....	6,838	5,402	958	4,444	1,435	705	124	(D)	4	(D)	449	1
Belgium-Luxembourg.....	160	127	25	102	33	29	1	(*)	0	2	2	0
France.....	804	351	18	332	453	(D)	6	(D)	0	5	(D)	0
Germany.....	1,282	1,074	24	1,049	208	124	3	(*)	0	5	76	(*)
Italy.....	80	57	17	40	23	18	1	(*)	0	1	3	0
Netherlands.....	767	(D)	(D)	357	(D)	33	3	(*)	0	(D)	(D)	(*)
Norway.....	13	6	1	4	7	6	(*)	0	0	(*)	(*)	(*)
Spain.....	15	9	7	2	6	3	2	(*)	0	1	1	0
Sweden.....	134	(D)	1	(D)	(D)	55	2	(*)	0	(*)	(D)	(*)
Switzerland.....	806	(D)	(D)	628	(D)	78	2	(D)	0	1	(D)	0
United Kingdom.....	2,167	1,792	234	1,558	374	146	102	36	0	53	38	(*)
Other.....	611	493	(D)	(D)	117	(D)	3	(*)	4	8	(D)	(*)
Latin America and Other Western Hemisphere.....	774	(D)	(D)	69	(D)	45	6	1	(*)	2	4	(D)
South and Central America.....	119	84	20	64	36	(D)	5	1	(*)	2	4	(D)
Argentina.....	10	9	2	7	2	(*)	1	(*)	0	(*)	(*)	0
Brazil.....	22	(*)	(*)	0	22	(D)	(*)	(*)	(*)	(*)	1	(D)
Chile.....	(*)	(*)	(*)	(*)	(*)	0	0	0	(*)	(*)	(*)	(*)
Mexico.....	66	57	10	47	10	2	3	1	(*)	1	3	(*)
Venezuela.....	8	7	4	2	1	(*)	1	(*)	(*)	(*)	(*)	(*)
Other.....	12	11	5	7	1	(*)	(*)	0	0	1	(*)	0
Other Western Hemisphere.....	655	(D)	(D)	5	(D)	(D)	1	0	0	1	0	(D)
Bermuda.....	622	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Other.....	32	(D)	21	(D)	(D)	(D)	1	0	0	1	0	0
Africa.....	3	3	3	0	1	(*)	(*)	0	0	(*)	(*)	0
South Africa.....	2	1	1	0	(*)	(*)	0	0	0	(*)	(*)	0
Other.....	2	2	2	0	(*)	0	(*)	0	0	(*)	0	0
Middle East.....	8	(*)	(*)	(*)	8	5	(*)	0	(*)	1	2	(*)
Israel.....	8	(*)	0	(*)	7	5	(*)	0	0	1	2	0
Saudi Arabia.....	(*)	(*)	(*)	0	(*)	(*)	0	0	(*)	(*)	(*)	(*)
Other.....	0	0	0	0	0	0	0	0	0	0	0	0
Asia and Pacific.....	2,459	(D)	(D)	1,787	(D)	480	8	(D)	(*)	15	33	(D)
Australia.....	60	21	1	20	39	7	5	(D)	0	1	(D)	0
China.....	87	(D)	(*)	(D)	(D)	(D)	0	0	0	(*)	(D)	0
Hong Kong.....	12	(D)	(D)	0	(D)	(*)	(*)	0	0	(*)	(*)	(D)
India.....	6	0	0	0	6	(*)	0	0	(*)	6	(*)	0
Indonesia.....	1	1	1	0	(*)	0	0	0	0	(*)	0	0
Japan.....	2,247	1,838	84	1,754	409	374	1	(*)	0	7	26	0
Korea, Republic of.....	34	(D)	13	(D)	(D)	(*)	(*)	0	0	(*)	(*)	(*)
Malaysia.....	(*)	0	0	0	(*)	(*)	0	0	0	(*)	0	0
New Zealand.....	2	0	0	0	2	(*)	1	0	0	(*)	1	0
Philippines.....	1	0	0	0	1	(*)	1	0	0	(*)	(*)	0
Singapore.....	4	3	2	1	1	(*)	(*)	0	0	(*)	(*)	0
Taiwan.....	5	3	1	2	1	(*)	(*)	0	0	(*)	1	0
Thailand.....	(*)	(*)	(*)	0	(*)	(*)	0	0	0	(*)	0	0
Other.....	(*)	(*)	(*)	0	(*)	0	0	0	0	(*)	0	0
International organizations and unallocated.....	733	243	50	193	490	2	7	(D)	0	(D)	1	66
Addenda:												
European Union ¹	5,942	4,687	876	3,811	1,254	555	121	42	4	85	446	1
Eastern Europe ²	10	7	7	(*)	3	(*)	1	(*)	0	(*)	1	0

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 4.2. Royalties and License Fees, 1999

[Millions of dollars]

	Receipts											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	36,902	26,507	24,807	1,700	10,395	3,900	385	273	458	1,123	3,702	552
Canada.....	1,684	1,292	1,252	40	391	118	28	17	48	48	133	0
Europe.....	19,104	15,072	14,026	1,047	4,031	1,418	220	163	150	331	1,731	16
Belgium-Luxembourg.....	751	(D)	(D)	5	(D)	102	3	3	2	3	(D)	(*)
France.....	2,128	1,631	1,607	24	498	226	28	39	(D)	24	163	(D)
Germany.....	3,003	2,088	1,874	213	915	297	47	21	23	23	503	1
Italy.....	973	669	655	14	304	117	21	13	12	28	112	1
Netherlands.....	1,760	1,615	1,506	109	145	45	10	7	4	9	69	0
Norway.....	114	76	73	3	38	2	3	3	5	2	22	1
Spain.....	578	411	410	1	167	18	18	15	10	55	52	0
Sweden.....	382	208	202	6	174	100	5	6	5	5	53	2
Switzerland.....	886	744	634	110	142	94	6	3	1	6	33	0
United Kingdom.....	3,473	2,609	2,120	490	863	216	56	39	41	61	446	4
Other.....	5,055	(D)	(D)	72	(D)	202	24	13	(D)	116	(D)	(D)
Latin America and Other Western Hemisphere.....	2,967	(D)	2,275	(D)	(D)	96	33	18	56	134	(D)	(D)
South and Central America.....	2,095	(D)	1,480	(D)	(D)	69	31	17	37	126	(D)	0
Argentina.....	242	192	186	6	50	8	4	3	3	20	13	0
Brazil.....	561	(D)	337	(D)	(D)	10	12	5	2	45	(D)	0
Chile.....	54	30	28	2	24	4	1	(*)	3	10	6	0
Mexico.....	848	715	663	52	133	36	8	7	11	20	50	0
Venezuela.....	148	110	107	3	38	6	3	1	3	10	15	0
Other.....	242	(D)	160	(D)	(D)	6	2	1	16	21	(D)	0
Other Western Hemisphere.....	872	(D)	795	(D)	(D)	27	2	1	19	7	(D)	(D)
Bermuda.....	122	97	97	0	25	22	(*)	1	(*)	1	(D)	(D)
Other.....	750	(D)	697	(D)	(D)	5	2	1	19	6	(D)	0
Africa.....	389	(D)	225	(D)	(D)	19	5	3	10	31	(D)	0
South Africa.....	266	(D)	152	(D)	(D)	16	5	3	4	(D)	43	0
Other.....	123	77	74	3	46	3	1	0	6	(D)	(D)	0
Middle East.....	203	41	37	4	163	50	9	2	38	15	48	0
Israel.....	100	25	25	(*)	75	16	5	1	8	9	35	0
Saudi Arabia.....	52	6	6	(*)	46	20	3	1	11	3	8	0
Other.....	51	10	6	4	41	14	1	(*)	19	3	5	0
Asia and Pacific.....	10,598	6,062	5,750	312	4,536	2,188	70	66	138	534	(D)	(D)
Australia.....	730	547	531	17	183	30	12	7	11	18	105	0
China.....	319	219	218	1	100	32	2	2	5	10	49	0
Hong Kong.....	204	141	137	5	62	12	4	1	13	11	22	0
India.....	69	24	23	1	46	17	1	(D)	4	1	(D)	0
Indonesia.....	53	23	23	0	30	21	(*)	(*)	5	1	2	0
Japan.....	5,983	3,411	3,210	201	2,572	1,161	38	29	33	448	(D)	(D)
Korea, Republic of.....	1,105	(D)	168	(D)	(D)	650	4	(D)	14	8	185	0
Malaysia.....	94	54	54	(*)	40	12	1	(*)	10	2	14	0
New Zealand.....	71	46	46	(*)	25	3	1	5	3	3	10	0
Philippines.....	97	66	65	1	31	7	2	1	7	11	4	0
Singapore.....	1,140	1,053	1,050	3	87	37	1	4	5	3	36	0
Taiwan.....	613	168	163	5	445	187	3	1	15	9	229	0
Thailand.....	99	60	55	5	40	16	(*)	5	8	5	4	0
Other.....	21	(D)	7	(D)	(D)	3	(*)	(*)	4	4	(D)	0
International organizations and unallocated.....	1,957	1,327	1,242	85	630	11	20	4	17	30	28	520
Addenda:												
European Union 1.....	17,679	14,011	13,089	922	3,668	1,283	204	153	127	300	1,587	15
Eastern Europe 2.....	291	167	158	8	124	34	6	3	(D)	4	(D)	0

See footnotes at end of table.

Table 4.2. Royalties and License Fees, 1999—Continued
 [Millions of dollars]

	Payments											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	12,609	9,876	1,812	8,064	2,733	1,568	187	101	7	229	517	124
Canada.....	537	(D)	(D)	260	(D)	136	25	(D)	(*)	6	10	(*)
Europe.....	7,034	5,485	656	4,829	1,549	766	136	67	6	107	466	1
Belgium-Luxembourg.....	225	(D)	20	(D)	(D)	31	1	(*)	0	1	(D)	0
France.....	875	413	15	397	462	(D)	5	(D)	0	5	(D)	0
Germany.....	1,259	1,046	22	1,024	213	148	4	1	0	19	41	(*)
Italy.....	84	65	20	45	19	6	2	(*)	0	6	4	0
Netherlands.....	823	769	412	358	54	37	3	0	0	9	4	0
Norway.....	26	15	1	13	11	9	2	0	0	(*)	(*)	0
Spain.....	24	(D)	16	(D)	(D)	(D)	4	(*)	(*)	1	(*)	0
Sweden.....	165	100	6	94	65	57	4	(*)	0	1	3	0
Switzerland.....	1,100	953	18	935	147	112	6	(D)	0	1	(D)	0
United Kingdom.....	1,704	1,304	101	1,202	400	147	102	40	0	53	58	1
Other.....	750	615	26	589	135	(D)	3	(*)	6	11	(D)	0
Latin America and Other Western Hemisphere.....	971	921	(D)	(D)	50	29	5	(D)	0	6	(D)	1
South and Central America.....	108	(D)	15	(D)	(D)	(D)	4	(D)	0	2	(D)	1
Argentina.....	11	9	1	8	3	(*)	1	0	0	(*)	2	0
Brazil.....	3	1	1	0	2	(*)	(*)	(*)	0	0	1	0
Chile.....	4	4	(*)	4	(*)	0	0	0	0	(*)	0	0
Mexico.....	72	57	4	52	15	7	2	(D)	0	(*)	(D)	1
Venezuela.....	7	5	1	4	2	(*)	1	(*)	0	(*)	(*)	0
Other.....	10	(D)	7	(D)	(D)	(D)	(*)	0	0	1	(*)	(*)
Other Western Hemisphere.....	863	(D)	(D)	(D)	(D)	(D)	1	(*)	0	4	0	0
Bermuda.....	819	(D)	(D)	2	(D)	(D)	0	0	0	0	0	0
Other.....	44	(D)	22	(D)	(D)	(D)	1	(*)	0	4	0	0
Africa.....	5	(D)	2	(D)	(D)	(*)	(*)	0	0	(*)	(D)	0
South Africa.....	5	(D)	2	(D)	(D)	(*)	(*)	0	0	(*)	(D)	0
Other.....	1	1	(*)	(*)	(*)	0	0	0	0	(*)	0	0
Middle East.....	21	1	(*)	(*)	21	14	(*)	0	(*)	(*)	5	1
Israel.....	20	(*)	0	(*)	19	14	(*)	0	(*)	(*)	5	0
Saudi Arabia.....	(*)	(*)	0	(*)	(*)	(*)	0	0	0	(*)	(*)	0
Other.....	1	(*)	(*)	0	1	0	0	0	0	0	0	1
Asia and Pacific.....	3,402	2,680	145	2,535	722	614	13	(D)	(*)	41	(D)	3
Australia.....	80	24	4	20	56	20	9	(D)	0	1	(D)	0
China.....	18	(D)	4	(D)	(D)	13	0	0	0	(*)	(D)	0
Hong Kong.....	21	14	13	1	7	2	2	(*)	0	(*)	1	1
India.....	1	(*)	(*)	0	1	1	0	0	0	(*)	(*)	(*)
Indonesia.....	2	2	2	(*)	0	0	0	0	0	0	0	0
Japan.....	3,124	2,516	86	2,430	609	550	1	(*)	0	39	18	0
Korea, Republic of.....	92	(D)	16	(D)	(D)	22	(*)	0	0	(*)	(D)	0
Malaysia.....	(*)	0	0	0	(*)	0	0	0	0	(*)	(*)	0
New Zealand.....	3	(*)	0	(*)	3	(*)	1	0	0	(*)	2	0
Philippines.....	8	(D)	0	0	(D)	(*)	(*)	0	0	(*)	(D)	0
Singapore.....	10	8	7	1	1	(*)	(*)	0	0	(*)	(*)	1
Taiwan.....	40	31	(D)	(D)	9	7	(*)	0	0	(*)	1	1
Thailand.....	4	3	3	0	(*)	(*)	0	0	0	(*)	(*)	(*)
Other.....	1	0	0	0	1	(*)	0	0	(*)	(*)	0	0
International organizations and unallocated.....	639	433	80	353	206	9	8	(*)	(*)	69	1	119
Addenda:												
European Union ¹	5,820	4,501	633	3,868	1,318	578	126	50	6	104	454	1
Eastern Europe ²	19	16	3	12	5	(*)	2	0	1	2	1	0

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 4.3. Royalties and License Fees, 2000

[Millions of dollars]

	Receipts											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	39,607	26,816	24,585	2,231	12,791	4,705	374	316	573	1,346	4,779	698
Canada.....	2,259	1,569	1,520	49	690	159	37	32	(D)	79	310	(D)
Europe.....	19,025	14,419	12,999	1,420	4,605	1,446	200	154	198	386	2,191	31
Belgium-Luxembourg.....	738	550	545	4	188	126	3	3	4	5	47	(*)
France.....	1,990	1,475	1,434	41	516	153	27	22	12	32	263	6
Germany.....	3,045	1,953	1,753	200	1,092	373	42	19	30	23	606	(*)
Italy.....	939	608	598	10	331	106	17	(D)	15	49	(D)	0
Netherlands.....	1,347	1,150	1,043	107	197	54	10	5	5	13	110	(*)
Norway.....	142	(D)	63	(D)	2	1	2	2	6	5	39	(D)
Spain.....	524	328	328	1	196	14	14	18	14	56	79	1
Sweden.....	462	(D)	180	(D)	85	4	(D)	3	5	13	56	(D)
Switzerland.....	1,398	1,183	749	435	214	122	7	3	3	8	72	(*)
United Kingdom.....	3,385	2,448	2,064	384	937	156	47	48	59	70	552	4
Other.....	5,056	4,363	4,244	119	693	254	27	18	45	113	(D)	(D)
Latin America and Other Western Hemisphere.....	3,279	2,688	2,500	188	591	85	30	32	73	165	206	(*)
South and Central America.....	2,400	(D)	1,738	(D)	(D)	(D)	28	32	54	160	202	(*)
Argentina.....	264	204	201	3	60	8	5	3	4	21	19	0
Brazil.....	675	(D)	436	(D)	(D)	(D)	10	7	2	49	74	0
Chile.....	52	27	27	0	25	4	1	1	4	11	5	0
Mexico.....	996	821	810	11	175	22	8	17	24	32	72	(*)
Venezuela.....	181	(D)	107	(D)	(D)	(D)	1	2	4	14	17	(*)
Other.....	232	158	157	(*)	75	5	3	1	17	33	16	0
Other Western Hemisphere.....	879	(D)	762	(D)	(D)	(D)	2	1	19	5	3	(*)
Bermuda.....	66	(D)	(D)	(*)	(D)	(D)	(*)	0	(*)	0	(D)	(*)
Other.....	813	760	(D)	(D)	53	(D)	2	1	19	5	(D)	0
Africa.....	393	(D)	190	(D)	(D)	14	5	2	13	48	(D)	(*)
South Africa.....	235	(D)	119	(D)	(D)	9	3	2	5	(D)	44	(*)
Other.....	157	80	71	8	78	5	1	(*)	8	(D)	(D)	0
Middle East.....	274	(D)	52	(D)	(D)	81	10	4	48	27	(D)	(*)
Israel.....	132	(D)	37	(D)	(D)	29	4	4	11	19	(D)	0
Saudi Arabia.....	74	9	8	(*)	65	38	5	(*)	13	4	6	(*)
Other.....	69	8	6	2	60	14	2	0	24	4	17	0
Asia and Pacific.....	12,294	6,501	6,095	406	5,793	2,910	77	89	(D)	601	1,930	(D)
Australia.....	730	540	516	24	190	29	12	8	14	23	104	1
China.....	423	267	267	(*)	156	44	3	4	4	17	83	0
Hong Kong.....	279	185	183	2	94	12	4	1	15	18	44	(*)
India.....	82	24	21	3	58	23	1	4	3	5	22	0
Indonesia.....	55	22	22	0	33	15	1	1	6	3	9	0
Japan.....	7,120	3,746	3,416	331	3,374	1,636	35	44	(D)	469	1,125	(D)
Korea, Republic of.....	1,445	(D)	220	(D)	(D)	896	6	4	21	26	(D)	0
Malaysia.....	136	95	95	1	40	10	1	(*)	12	3	14	(*)
New Zealand.....	70	50	50	0	21	3	1	4	3	3	5	(*)
Philippines.....	88	49	49	0	39	7	1	1	7	14	9	(*)
Singapore.....	1,069	983	981	2	85	20	1	5	6	4	50	(*)
Taiwan.....	658	(D)	194	(D)	(D)	196	5	5	17	11	(D)	(*)
Thailand.....	123	73	73	0	50	16	6	6	8	5	9	0
Other.....	17	8	8	0	10	3	(*)	1	4	1	1	0
International organizations and unallocated.....	2,083	1,340	1,228	112	743	11	15	3	10	39	26	639
Addenda:												
European Union ¹	17,080	12,905	11,942	964	4,175	1,314	181	142	167	347	2,006	19
Eastern Europe ²	259	171	163	8	88	5	7	5	9	8	54	0

See footnotes at end of table.

Table 4.3. Royalties and License Fees, 2000—Continued
 [Millions of dollars]

	Payments											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	16,115	12,180	1,946	10,234	3,935	1,695	265	664	4	433	540	336
Canada.....	1,004	730	272	458	274	117	26	(D)	0	12	17	(D)
Europe.....	8,396	6,566	634	5,932	1,831	908	195	95	3	(D)	482	(D)
Belgium-Luxembourg.....	230	179	13	166	50	29	1	(D)	(*)	(*)	(D)	0
France.....	1,041	527	21	505	514	133	8	(D)	(*)	2	(D)	(*)
Germany.....	1,648	1,337	21	1,316	311	211	11	1	(*)	30	59	0
Italy.....	77	35	6	29	43	12	7	1	0	(D)	(D)	0
Netherlands.....	1,071	(D)	(D)	605	(D)	33	4	(*)	0	3	3	(D)
Norway.....	32	(D)	1	(D)	(D)	5	(*)	0	(*)	(*)	(D)	0
Spain.....	22	16	13	3	6	(*)	3	1	0	1	1	0
Sweden.....	362	273	5	269	89	69	6	(*)	0	4	3	7
Switzerland.....	1,446	1,281	11	1,270	165	135	3	(D)	0	7	(D)	0
United Kingdom.....	1,472	(D)	(D)	978	(D)	162	134	34	(*)	24	(D)	3
Other.....	995	(D)	40	(D)	(D)	119	18	(D)	3	(D)	11	(D)
Latin America and Other Western Hemisphere.....	1,136	(D)	(D)	104	(D)	120	11	4	(*)	1	2	(D)
South and Central America.....	217	95	27	68	122	(D)	(D)	4	0	(*)	2	(D)
Argentina.....	26	(D)	5	(D)	(D)	(*)	(D)	(*)	0	(*)	(*)	(*)
Brazil.....	13	6	6	(*)	7	6	(*)	(*)	0	(*)	1	0
Chile.....	(D)	3	1	2	(D)	(D)	0	(*)	0	(*)	0	0
Mexico.....	75	(D)	7	(D)	(D)	14	4	4	0	(*)	(D)	(D)
Venezuela.....	11	3	2	1	8	6	1	(*)	0	(*)	(*)	0
Other.....	(D)	8	7	(*)	(D)	(D)	1	0	0	(*)	1	(*)
Other Western Hemisphere.....	919	(D)	(D)	36	(D)	(D)	(D)	0	(*)	1	(*)	(D)
Bermuda.....	839	(D)	(D)	2	(D)	1	0	0	0	0	0	(D)
Other.....	80	65	31	33	16	(D)	(D)	0	(*)	1	(*)	0
Africa.....	5	4	3	1	1	(*)	(*)	0	0	(*)	(*)	0
South Africa.....	1	1	1	(*)	(*)	0	(*)	0	0	(*)	(*)	0
Other.....	4	3	2	1	1	(*)	(*)	0	0	0	(*)	0
Middle East.....	33	2	1	1	31	26	(*)	(*)	0	1	3	1
Israel.....	28	1	0	1	27	23	(*)	(*)	0	1	3	0
Saudi Arabia.....	1	1	1	0	(*)	(*)	(*)	0	0	(*)	(*)	0
Other.....	4	0	0	0	4	3	0	0	0	0	(*)	1
Asia and Pacific.....	4,221	(D)	(D)	3,291	(D)	515	22	(D)	(*)	(D)	34	(D)
Australia.....	87	48	6	42	38	25	(D)	2	0	(D)	5	(*)
China.....	9	1	1	(*)	9	6	0	1	0	1	(*)	(*)
Hong Kong.....	21	17	9	8	4	2	1	(*)	(*)	(*)	(*)	(*)
India.....	1	(*)	(*)	0	1	(*)	0	0	0	(*)	(*)	0
Indonesia.....	3	2	2	(*)	1	(*)	0	0	0	0	(*)	0
Japan.....	3,968	3,260	60	3,200	708	460	2	8	0	222	16	0
Korea, Republic of.....	44	22	(D)	(D)	21	19	1	(*)	0	(*)	1	0
Malaysia.....	(D)	(D)	(D)	(*)	(D)	0	0	0	0	0	(*)	(D)
New Zealand.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	0	0	(*)	(*)	0
Philippines.....	4	4	4	(*)	(*)	0	(*)	(*)	0	(*)	(*)	0
Singapore.....	19	9	4	5	10	(*)	0	0	0	0	9	1
Taiwan.....	35	(D)	3	(D)	(D)	2	(*)	(D)	0	(D)	1	2
Thailand.....	(D)	6	1	5	(D)	0	(D)	0	0	(*)	(*)	0
Other.....	1	1	1	(*)	(*)	(*)	0	0	0	0	0	0
International organizations and unallocated.....	1,320	533	85	448	787	7	11	(D)	(*)	(D)	1	148
Addenda:												
European Union ¹	6,776	5,191	613	4,579	1,584	695	191	75	3	(D)	479	(D)
Eastern Europe ²	70	66	9	57	3	1	1	0	0	1	(*)	0

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 4.4. Royalties and License Fees, 2001

[Millions of dollars]

	Receipts											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	38,668	25,873	23,502	2,371	12,795	4,852	413	333	554	977	4,953	713
Canada.....	2,255	1,561	1,503	58	694	151	37	41	68	82	314	2
Europe.....	18,448	13,877	12,301	1,577	4,570	1,493	233	155	194	301	2,169	25
Belgium-Luxembourg.....	714	545	542	3	169	100	3	3	6	12	45	0
France.....	1,922	1,298	1,244	54	624	203	28	23	12	35	317	6
Germany.....	2,827	1,748	1,576	172	1,079	368	45	30	28	37	571	(*)
Italy.....	1,001	659	644	16	341	106	19	11	15	(D)	148	(D)
Netherlands.....	1,284	1,093	928	164	191	49	11	7	5	16	103	0
Norway.....	143	88	57	31	55	3	2	1	8	4	38	0
Spain.....	495	330	330	(*)	164	19	16	19	17	16	77	(*)
Sweden.....	425	(D)	173	(D)	(D)	52	5	4	5	(D)	57	0
Switzerland.....	1,561	1,323	740	583	238	129	8	2	3	5	90	(*)
United Kingdom.....	3,309	2,425	2,086	339	884	178	68	39	53	53	490	4
Other.....	4,768	(D)	3,981	(D)	(D)	286	28	16	43	74	234	(D)
Latin America and Other Western Hemisphere.....	3,368	2,749	2,483	266	619	99	35	37	71	156	221	(*)
South and Central America.....	2,496	(D)	1,738	(D)	(D)	33	33	36	52	150	217	(*)
Argentina.....	223	171	171	0	52	3	4	3	3	17	21	0
Brazil.....	750	(D)	423	(D)	(D)	(D)	11	22	2	40	89	0
Chile.....	59	34	34	0	26	3	1	1	4	10	7	0
Mexico.....	1,054	880	859	21	173	30	11	7	20	36	69	(*)
Venezuela.....	170	(D)	88	(D)	(D)	(D)	2	1	5	14	16	0
Other.....	240	165	164	(*)	75	4	3	1	19	33	15	0
Other Western Hemisphere.....	872	(D)	744	(D)	(D)	(D)	2	1	19	6	4	(*)
Bermuda.....	62	(D)	(D)	0	(D)	(D)	(*)	0	(*)	0	1	(*)
Other.....	810	754	(D)	(D)	56	26	2	1	18	6	3	0
Africa.....	327	(D)	212	(D)	(D)	17	4	2	12	9	(D)	(D)
South Africa.....	189	121	116	5	69	8	3	2	5	4	46	(*)
Other.....	138	(D)	96	(D)	(D)	9	1	(*)	7	4	(D)	(D)
Middle East.....	269	(D)	63	(D)	(D)	52	10	3	47	29	(D)	(D)
Israel.....	132	38	38	(*)	95	28	4	2	9	21	30	0
Saudi Arabia.....	72	19	18	(*)	53	19	5	(*)	11	4	(D)	(D)
Other.....	65	(D)	7	(D)	(D)	6	1	(*)	26	5	(D)	1
Asia and Pacific.....	11,954	6,098	5,767	331	5,856	3,029	71	92	151	363	2,113	37
Australia.....	719	(D)	503	(D)	(D)	(D)	11	16	13	25	100	1
China.....	505	329	328	1	176	45	4	4	(D)	18	95	(D)
Hong Kong.....	299	205	204	1	94	14	4	2	17	21	36	(*)
India.....	86	26	22	4	60	20	1	6	3	5	25	0
Indonesia.....	52	24	24	0	28	9	1	(*)	7	3	9	(*)
Japan.....	6,972	3,421	3,173	248	3,550	1,879	35	33	(D)	221	1,315	(D)
Korea, Republic of.....	1,295	(D)	205	(D)	(D)	742	6	5	21	(D)	246	0
Malaysia.....	173	119	119	0	54	11	2	(*)	12	3	26	(*)
New Zealand.....	99	52	52	(*)	48	(D)	1	5	3	(D)	8	(*)
Philippines.....	64	36	36	(*)	28	4	1	1	7	6	8	0
Singapore.....	923	839	838	1	84	16	1	6	4	6	51	(*)
Taiwan.....	647	195	184	11	451	229	6	5	14	13	185	(*)
Thailand.....	105	70	70	0	35	8	(*)	8	5	6	8	0
Other.....	16	9	9	0	8	1	(*)	1	4	2	1	0
International organizations and unallocated.....	2,047	1,292	1,174	118	755	10	23	2	12	37	31	640
Addenda:												
European Union ¹	16,333	12,204	11,252	952	4,129	1,350	212	144	162	274	1,966	23
Eastern Europe ²	316	222	212	10	94	9	8	5	7	8	57	0

See footnotes at end of table.

Table 4.4. Royalties and License Fees, 2001—Continued
 [Millions of dollars]

	Payments											
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records, and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	General use computer software	Other intangibles
All countries.....	16,359	13,008	2,026	10,982	3,351	1,815	287	165	2	293	443	346
Canada.....	1,195	(D)	(D)	654	(D)	118	30	13	0	14	12	(D)
Europe.....	8,464	6,449	720	5,729	2,015	1,115	225	148	2	84	412	30
Belgium-Luxembourg.....	193	152	10	142	41	30	1	7	0	(*)	3	0
France.....	1,096	557	21	536	539	(D)	8	(D)	0	6	(D)	0
Germany.....	1,521	1,220	28	1,191	302	263	7	1	0	20	11	0
Italy.....	68	39	7	32	29	11	5	8	0	4	(*)	0
Netherlands.....	1,166	(D)	(D)	700	(D)	30	3	(*)	0	7	(D)	(D)
Norway.....	64	(D)	2	(D)	(D)	(D)	(*)	0	0	0	(*)	0
Spain.....	17	12	10	3	5	(*)	3	1	0	1	(*)	0
Sweden.....	440	(D)	4	(D)	(D)	90	6	(*)	0	10	(D)	(D)
Switzerland.....	1,666	1,463	11	1,453	202	159	3	28	0	7	1	4
United Kingdom.....	1,508	1,069	142	927	439	160	175	47	0	21	33	3
Other.....	726	(D)	(D)	369	(D)	198	15	(D)	2	9	(D)	(D)
Latin America and Other Western Hemisphere.....	1,023	(D)	(D)	118	(D)	82	9	2	0	2	1	(D)
South and Central America.....	218	(D)	35	(D)	(D)	82	(D)	2	0	(*)	1	(D)
Argentina.....	19	(D)	3	(D)	(D)	(*)	1	(*)	0	(*)	(*)	(D)
Brazil.....	2	1	1	(*)	1	(*)	(*)	(*)	0	(*)	(*)	0
Chile.....	71	6	(*)	6	65	65	0	0	0	0	(*)	0
Mexico.....	84	72	14	58	12	6	4	2	0	(*)	(*)	1
Venezuela.....	32	(D)	15	(D)	(D)	4	(D)	15	0	(*)	(*)	0
Other.....	10	2	2	(*)	8	7	(*)	0	0	(*)	1	(*)
Other Western Hemisphere.....	805	779	(D)	(D)	26	(*)	(D)	0	0	2	(*)	(D)
Bermuda.....	754	(D)	(D)	2	(D)	(*)	0	0	0	1	0	(D)
Other.....	51	(D)	22	(D)	(D)	(*)	(D)	0	0	(*)	(*)	0
Africa.....	5	5	4	1	(*)	0	(*)	0	0	0	(*)	0
South Africa.....	2	1	1	0	(*)	0	(*)	0	0	0	(*)	0
Other.....	3	3	2	1	(*)	0	(*)	0	0	0	(*)	0
Middle East.....	33	1	(*)	1	32	22	(*)	(*)	0	6	2	1
Israel.....	29	1	0	1	28	19	(*)	(*)	0	6	2	0
Saudi Arabia.....	(*)	(*)	(*)	0	(*)	(*)	(*)	0	0	(*)	0	0
Other.....	4	0	0	0	4	3	0	0	0	0	0	1
Asia and Pacific.....	4,819	4,088	88	4,000	732	472	8	2	(*)	(D)	14	(D)
Australia.....	84	18	9	10	65	37	(D)	1	0	(*)	5	(D)
China.....	9	6	6	0	3	2	0	0	0	1	(*)	(*)
Hong Kong.....	33	(D)	8	(D)	(D)	1	(D)	(*)	0	(D)	(*)	(D)
India.....	2	2	2	0	(*)	(*)	0	0	0	0	(*)	0
Indonesia.....	4	4	4	0	(*)	(*)	0	0	0	0	(*)	0
Japan.....	4,510	3,966	32	3,934	544	412	(D)	1	(*)	102	4	(D)
Korea, Republic of.....	38	20	9	11	19	18	(*)	0	0	(*)	(*)	0
Malaysia.....	(D)	1	1	(*)	(D)	(*)	0	0	(*)	(D)	(*)	(D)
New Zealand.....	1	(*)	(*)	(*)	1	(*)	(*)	0	0	(*)	(*)	0
Philippines.....	4	4	4	0	(*)	0	(*)	0	0	(*)	(*)	0
Singapore.....	52	(D)	5	(D)	(D)	(*)	0	0	(*)	(D)	(D)	(D)
Taiwan.....	16	14	8	6	2	2	(*)	(*)	0	(*)	(*)	0
Thailand.....	(D)	(D)	1	(D)	(D)	(*)	(*)	0	(*)	(D)	(D)	0
Other.....	(*)	0	0	0	(*)	(*)	0	0	0	0	0	0
International organizations and unallocated.....	820	570	90	480	250	6	14	(*)	(*)	(D)	1	(D)
Addenda:												
European Union ¹	6,548	4,861	703	4,158	1,685	829	221	119	2	77	410	26
Eastern Europe ²	76	67	5	62	9	8	(*)	0	0	0	(*)	0

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.1. Other Private Services, 1998

[Millions of dollars]

	Receipts														
	Total	Affiliated			Unaffiliated										Addendum Film and television tape rentals
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance			Telecom- muni- cations	Business, profes- sional, and technical services	Other services		
								Net	Premi- ums	Losses					
All countries.....	91,318	28,176	18,135	10,041	63,142	9,036	11,327	2,224	7,278	5,054	5,567	22,676	12,312	7,076	
Canada.....	7,468	3,558	2,832	726	3,912	445	768	129	868	739	306	1,802	463	406	
Europe.....	35,030	15,045	9,338	5,707	19,985	1,573	4,686	672	2,793	2,122	2,027	8,100	2,927	4,357	
Belgium-Luxembourg.....	1,127	425	369	56	702	18	163	28	100	73	138	288	67	69	
France.....	3,147	1,531	912	619	1,616	117	393	37	293	256	104	684	281	580	
Germany.....	5,022	2,663	1,345	1,318	2,359	182	309	120	447	327	97	977	674	726	
Italy.....	1,569	481	360	121	1,088	61	200	39	90	51	51	463	274	333	
Netherlands.....	2,715	1,761	1,336	425	954	38	257	3	31	28	68	489	100	(D)	
Norway.....	613	280	97	183	333	45	60	22	48	26	76	103	27	22	
Spain.....	1,378	532	352	181	846	83	130	6	42	36	32	187	408	482	
Sweden.....	926	389	55	334	537	85	88	3	25	22	62	230	68	78	
Switzerland.....	2,455	1,453	731	722	1,002	36	411	2	53	50	48	471	34	31	
United Kingdom.....	11,249	4,406	3,012	1,393	6,843	152	2,220	395	1,461	1,067	1,041	2,435	600	908	
Other.....	4,829	1,123	768	355	3,706	756	455	17	202	185	310	1,773	395	(D)	
Latin America and Other Western Hemisphere	15,778	1,731	1,212	518	14,047	984	3,222	892	2,452	1,561	1,148	3,729	4,072	601	
South and Central America.....	11,383	1,142	931	211	10,240	777	1,138	13	764	751	1,017	3,284	4,011	587	
Argentina.....	993	83	72	11	910	47	220	89	219	130	57	415	82	50	
Brazil.....	1,663	276	246	30	1,387	134	265	7	24	17	183	581	218	253	
Chile.....	391	33	27	6	358	22	67	8	96	88	46	172	43	25	
Mexico.....	5,534	449	379	70	5,085	183	261	47	132	85	464	854	3,276	122	
Venezuela.....	807	89	85	5	718	91	93	1	28	27	48	418	67	63	
Other.....	1,997	211	122	89	1,786	300	232	-139	264	403	221	845	326	75	
Other Western Hemisphere.....	4,395	589	281	308	3,806	207	2,084	879	1,688	810	130	445	61	14	
Bermuda.....	879	205	49	156	674	10	526	48	602	554	12	71	6	3	
Other.....	3,515	383	232	151	3,132	196	1,558	831	1,086	256	118	374	55	10	
Africa.....	2,095	224	196	28	1,871	431	183	1	18	17	183	1,006	67	63	
South Africa.....	418	73	72	1	345	37	40	3	10	7	69	130	66	58	
Other.....	1,679	151	124	28	1,528	394	143	-1	8	10	114	876	2	5	
Middle East.....	3,244	283	107	176	2,961	369	344	15	73	58	516	1,628	88	64	
Israel.....	454	31	15	16	423	50	66	7	52	45	85	181	34	23	
Saudi Arabia.....	1,251	(D)	4	(D)	(D)	85	73	4	7	4	54	884	(D)	8	
Other.....	1,538	(D)	88	(D)	(D)	235	205	5	13	9	376	563	(D)	33	
Asia and Pacific.....	23,954	7,264	4,380	2,884	16,690	5,234	2,109	398	865	467	1,387	6,269	1,292	1,499	
Australia.....	1,675	544	495	50	1,130	49	202	54	142	88	100	478	248	365	
China.....	1,852	228	152	76	1,624	718	50	18	12	-6	107	635	96	11	
Hong Kong.....	1,630	665	584	80	965	148	200	17	37	19	250	312	38	42	
India.....	844	23	23	(*)	821	517	33	-1	9	10	57	200	16	3	
Indonesia.....	1,072	88	86	2	984	203	35	-3	9	12	33	698	18	9	
Japan.....	8,189	3,677	1,194	2,482	4,512	868	625	258	453	195	357	1,941	464	763	
Korea, Republic of.....	1,655	(D)	130	(D)	(D)	655	176	12	32	20	141	414	(D)	76	
Malaysia.....	613	(D)	170	(D)	(D)	223	29	(*)	8	8	20	121	(D)	31	
New Zealand.....	402	20	20	(*)	382	18	130	8	14	6	30	140	57	53	
Philippines.....	492	77	74	3	415	43	50	2	13	11	36	241	43	34	
Singapore.....	1,831	1,193	1,161	32	638	59	192	12	26	15	58	290	27	26	
Taiwan.....	1,309	236	167	70	1,073	472	109	18	90	72	129	293	52	67	
Thailand.....	698	104	95	9	594	231	34	5	15	10	28	272	24	16	
Other.....	1,692	30	29	1	1,662	1,033	244	-3	4	6	41	235	112	3	
International organizations and unallocated.....	3,745	70	70	0	3,676	0	15	118	209	91	(*)	142	3,401	86	
Addenda:															
European Union 1.....	29,328	13,172	8,379	4,793	16,155	764	4,004	644	2,618	1,974	1,681	6,429	2,633	4,157	
Eastern Europe 2.....	1,729	81	74	7	1,648	349	127	3	60	57	184	823	164	103	

See footnotes at end of table.

Table 5.1. Other Private Services, 1998—Continued
 [Millions of dollars]

	Payments														
	Total	Affiliated			Unaffiliated										Addendum Film and television tape rentals
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Education	Financial services	Insurance			Telecom- muni- cations	Business, profes- sional, and technical services	Other services		
								Net	Premi- ums	Losses					
All countries.....	49,388	19,437	10,415	9,022	29,951	1,587	3,590	9,240	20,398	11,158	7,682	7,392	460	141	
Canada.....	5,852	2,988	715	2,273	2,862	14	228	636	1,150	514	310	1,477	198	51	
Europe.....	21,438	11,240	6,398	4,841	10,198	919	2,195	2,619	7,965	5,346	1,161	3,146	158	64	
Belgium-Luxembourg.....	573	(D)	(D)	84	(D)	10	63	34	128	95	29	78	(D)	2	
France.....	2,254	1,348	613	735	906	119	145	220	537	317	100	301	21	6	
Germany.....	3,111	1,596	665	931	1,515	51	147	848	1,617	769	115	333	22	1	
Italy.....	597	236	89	147	361	124	38	-14	100	114	87	116	10	2	
Netherlands.....	1,103	801	173	628	302	13	70	7	39	32	42	154	16	5	
Norway.....	162	76	5	71	86	2	11	13	16	3	14	46	0	0	
Spain.....	439	97	71	26	342	134	41	6	10	4	54	99	8	1	
Sweden.....	285	185	31	154	100	5	39	-22	61	83	20	57	1	(*)	
Switzerland.....	1,280	682	181	501	598	9	130	237	1,213	976	57	157	9	(D)	
United Kingdom.....	9,680	5,095	3,839	1,256	4,585	330	1,354	1,266	3,763	2,497	238	1,362	35	24	
Other.....	1,954	(D)	(D)	308	(D)	122	157	25	480	455	405	444	(D)	(D)	
Latin America and Other Western Hemisphere	10,725	991	569	422	9,732	432	539	5,449	10,674	5,225	2,783	513	16	7	
South and Central America.....	3,878	484	348	136	3,393	372	241	0	31	31	2,304	463	14	5	
Argentina.....	239	49	48	(*)	190	13	25	-3	(D)	(D)	99	54	2	2	
Brazil.....	534	151	136	15	383	13	58	(*)	1	(*)	201	110	1	1	
Chile.....	112	11	2	9	101	24	5	1	(*)	-1	55	16	0	(*)	
Mexico.....	1,587	228	124	104	1,359	179	31	3	5	2	1,017	123	7	1	
Venezuela.....	140	15	12	3	125	6	15	0	(*)	(*)	80	23	1	1	
Other.....	1,264	30	25	5	1,234	137	107	-1	(D)	(D)	852	136	3	(*)	
Other Western Hemisphere.....	6,847	508	221	286	6,339	60	298	5,449	10,643	5,194	479	50	3	2	
Bermuda.....	3,872	249	97	152	3,623	1	101	3,479	7,189	3,710	17	25	0	0	
Other.....	2,974	258	124	134	2,716	59	197	1,970	3,454	1,484	462	25	3	2	
Africa.....	695	92	88	4	603	40	41	3	5	2	357	161	1	(*)	
South Africa.....	184	85	85	0	98	7	9	-1	1	1	60	23	1	(*)	
Other.....	511	7	3	4	504	34	32	3	4	1	297	138	0	0	
Middle East.....	1,211	273	260	14	938	27	36	5	8	3	492	372	5	5	
Israel.....	480	246	237	9	234	26	10	-1	(*)	1	111	88	0	(*)	
Saudi Arabia.....	281	5	5	0	276	0	10	0	(*)	1	100	161	5	5	
Other.....	448	22	18	4	426	1	16	6	7	1	280	122	0	0	
Asia and Pacific.....	9,232	3,835	2,366	1,468	5,397	155	551	527	587	60	2,387	1,724	53	12	
Australia.....	1,250	372	341	31	878	51	73	426	244	-182	121	199	7	3	
China.....	437	59	50	9	378	12	1	-3	-4	-1	295	72	1	1	
Hong Kong.....	977	559	491	68	418	1	69	27	(D)	(D)	192	129	0	(*)	
India.....	534	(D)	18	(D)	(D)	4	13	2	4	2	335	132	(D)	(*)	
Indonesia.....	119	14	11	3	105	1	13	(*)	1	(*)	69	22	0	0	
Japan.....	3,391	2,110	974	1,136	1,282	28	183	61	291	230	252	729	29	7	
Korea, Republic of.....	399	(D)	27	(D)	(D)	2	20	-4	10	14	192	100	(D)	1	
Malaysia.....	96	(D)	27	(D)	(D)	0	17	-1	(*)	1	31	14	(D)	0	
New Zealand.....	182	42	40	2	139	7	48	8	9	(*)	55	20	0	(*)	
Philippines.....	319	17	17	(*)	302	1	29	7	5	-2	187	78	0	0	
Singapore.....	556	377	292	86	179	1	50	8	14	6	68	52	0	(*)	
Taiwan.....	373	79	50	30	294	1	17	-2	2	3	184	94	0	0	
Thailand.....	153	25	22	3	128	1	16	-3	2	5	75	39	0	0	
Other.....	442	(D)	6	(D)	(D)	44	2	-1	(D)	(D)	330	44	(D)	0	
International organizations and unallocated.....	239	18	18	0	221	0	0	2	10	7	191	(*)	28	1	
Addenda:															
European Union 1.....	19,248	10,437	6,188	4,249	8,812	836	1,992	2,369	6,734	4,365	811	2,671	133	43	
Eastern Europe 2.....	545	(D)	6	(D)	(D)	41	31	(*)	1	1	210	230	(D)	(D)	

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.2. Other Private Services, 1999

[Millions of dollars]

	Receipts														
	Total	Affiliated			Unaffiliated										Addendum Film and television tape rentals
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance			Telecom- munications	Business, profes- sional, and technical services	Other services		
								Net	Premi- ums	Losses					
All countries.....	98,158	28,564	17,977	10,587	69,594	9,615	13,410	1,011	6,760	5,749	4,549	27,701	13,309	8,011	
Canada.....	8,727	3,814	2,832	982	4,911	474	981	205	921	716	321	2,448	481	435	
Europe.....	37,293	14,628	9,016	5,611	22,665	1,687	5,325	159	2,596	2,438	1,488	10,172	3,834	5,294	
Belgium-Luxembourg.....	1,146	(D)	280	(D)	20	196	18	101	83	125	376	(D)	78	78	
France.....	3,647	1,522	898	623	2,125	127	497	63	310	246	77	934	427	674	
Germany.....	5,700	2,860	1,445	1,415	2,839	195	435	-47	317	365	79	1,219	958	1,041	
Italy.....	1,660	457	353	104	1,203	63	284	20	106	85	46	422	369	426	
Netherlands.....	2,711	1,680	1,211	469	1,034	38	304	7	36	29	67	518	100	854	
Norway.....	521	280	149	130	241	47	51	-32	43	75	24	123	29	24	
Spain.....	1,635	618	424	194	1,017	83	174	-5	44	50	27	292	446	529	
Sweden.....	717	130	54	76	587	92	140	-13	17	30	43	236	90	98	
Switzerland.....	2,045	1,006	270	736	1,039	38	471	-23	42	65	37	476	40	38	
United Kingdom.....	12,228	4,179	2,988	1,191	8,048	162	2,352	184	1,393	1,209	746	3,787	817	1,152	
Other.....	5,283	(D)	943	(D)	(D)	824	421	-12	188	200	217	1,788	(D)	381	
Latin America and Other Western Hemisphere	17,408	1,989	1,391	598	15,418	1,106	4,275	392	2,015	1,623	975	4,342	4,328	663	
South and Central America.....	12,655	1,252	1,029	223	11,403	868	1,379	121	646	525	846	3,933	4,256	648	
Argentina.....	1,071	127	121	6	944	53	243	46	176	130	49	460	93	61	
Brazil.....	1,636	217	187	30	1,419	161	283	7	21	15	146	597	225	237	
Chile.....	547	(D)	30	(D)	(D)	27	90	6	57	51	34	291	(D)	27	
Mexico.....	6,030	617	528	89	5,413	192	347	72	149	77	376	952	3,474	165	
Venezuela.....	959	(D)	52	(D)	(D)	102	93	-11	23	34	39	581	(D)	91	
Other.....	2,414	179	112	67	2,235	333	323	1	220	219	203	1,052	324	68	
Other Western Hemisphere.....	4,751	737	362	375	4,014	237	2,896	271	1,369	1,098	129	409	72	15	
Bermuda.....	1,079	302	122	180	777	11	604	84	870	786	11	61	6	3	
Other.....	3,673	435	240	195	3,238	227	2,292	187	499	312	118	348	66	11	
Africa.....	2,433	209	174	35	2,224	509	187	-18	11	29	191	1,258	96	93	
South Africa.....	542	80	74	6	464	40	39	2	5	3	78	209	96	88	
Other.....	1,889	129	100	29	1,760	470	148	-20	6	26	113	1,049	0	5	
Middle East.....	3,786	310	182	128	3,476	413	415	-10	71	81	505	2,052	101	79	
Israel.....	582	52	33	20	530	60	121	11	42	31	88	209	41	31	
Saudi Arabia.....	1,574	(D)	3	(D)	(D)	96	71	-1	3	3	30	1,246	(D)	28	
Other.....	1,628	(D)	145	(D)	(D)	257	223	-21	26	47	388	596	(D)	20	
Asia and Pacific.....	25,031	7,526	4,293	3,233	17,505	5,425	2,220	241	948	707	1,068	7,241	1,310	1,345	
Australia.....	1,683	496	428	68	1,187	54	212	4	159	155	116	544	257	314	
China.....	2,008	216	149	67	1,792	815	72	0	17	17	69	744	92	20	
Hong Kong.....	1,666	618	545	74	1,048	140	215	20	34	14	171	457	46	45	
India.....	923	41	40	1	882	599	46	0	6	6	81	139	17	5	
Indonesia.....	903	59	58	1	844	194	42	-6	5	11	24	574	16	8	
Japan.....	8,308	3,852	1,205	2,646	4,453	889	613	226	548	322	227	2,040	458	654	
Korea, Republic of.....	1,571	147	139	7	1,424	626	190	-1	35	36	115	428	65	79	
Malaysia.....	629	(D)	186	(D)	(D)	185	47	3	8	5	12	148	(D)	13	
New Zealand.....	300	20	19	(*)	280	19	23	8	12	4	15	154	61	57	
Philippines.....	606	78	75	3	528	46	54	-7	14	21	28	376	31	23	
Singapore.....	2,324	1,267	1,156	110	1,057	64	210	-2	32	34	57	698	29	28	
Taiwan.....	1,727	411	194	217	1,316	496	143	1	57	56	93	533	50	71	
Thailand.....	574	94	86	8	480	200	36	(*)	17	17	24	189	32	24	
Other.....	1,814	(D)	13	(D)	(D)	1,099	317	-6	3	9	36	216	(D)	7	
International organizations and unallocated.....	3,482	90	90	0	3,396	0	7	42	197	155	(*)	190	3,157	103	
Addenda:															
European Union 1.....	32,078	13,202	8,463	4,740	18,875	803	4,622	218	2,449	2,231	1,284	8,468	3,480	5,034	
Eastern Europe 2.....	1,738	83	80	3	1,656	395	135	-4	44	48	89	835	207	145	

See footnotes at end of table.

Table 5.2. Other Private Services, 1999—Continued

[Millions of dollars]

	Payments													Addendum
	Total	Affiliated			Unaffiliated									
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	
								Net	Premiums	Losses				
Film and television tape rentals														
All countries.....	46,313	23,261	12,951	10,310	23,052	1,807	3,418	2,683	20,857	18,173	6,601	8,110	433	137
Canada.....	4,949	2,266	758	1,508	2,684	14	203	254	660	406	223	1,806	184	36
Europe.....	21,045	13,232	7,648	5,585	7,813	1,048	2,203	-491	9,147	9,638	1,450	3,462	141	71
Belgium-Luxembourg.....	753	(D)	(D)	63	(D)	15	59	61	151	90	33	91	(D)	11
France.....	2,380	1,495	662	833	885	130	124	238	663	425	91	287	15	9
Germany.....	3,016	1,711	807	903	1,305	56	162	546	2,348	1,802	116	413	12	2
Italy.....	707	207	90	116	500	140	68	18	123	105	118	146	10	5
Netherlands.....	746	974	251	722	-228	18	71	-500	(D)	(D)	40	130	12	8
Norway.....	232	85	10	75	147	3	19	6	14	8	76	43	1	0
Spain.....	573	195	173	22	378	160	46	10	14	4	62	96	5	2
Sweden.....	408	309	83	227	99	7	39	-36	83	119	12	76	2	0
Switzerland.....	666	631	205	426	35	11	142	-334	745	1,079	60	145	11	7
United Kingdom.....	10,193	6,233	4,513	1,720	3,962	364	1,310	392	4,049	3,657	338	1,507	51	25
Other.....	1,370	(D)	(D)	477	(D)	145	163	-891	(D)	(D)	504	527	(D)	2
Latin America and Other Western Hemisphere	8,545	2,046	841	1,205	6,500	467	351	2,836	10,576	7,740	2,195	632	19	8
South and Central America.....	3,703	779	550	230	2,924	404	172	-12	37	49	1,784	560	16	8
Argentina.....	264	79	79	(*)	185	17	23	-9	16	24	76	74	4	4
Brazil.....	501	158	128	30	343	14	52	8	9	1	136	132	1	1
Chile.....	166	(D)	9	(D)	(D)	23	12	0	(*)	(*)	34	24	(D)	(*)
Mexico.....	1,530	373	244	128	1,157	172	54	2	7	4	794	129	6	1
Venezuela.....	209	(D)	57	(D)	(D)	6	7	(*)	(*)	0	71	61	(D)	2
Other.....	1,033	34	31	3	999	172	24	-14	5	19	673	141	3	(*)
Other Western Hemisphere.....	4,843	1,267	291	975	3,576	64	179	2,848	10,539	7,691	411	72	3	(*)
Bermuda.....	3,280	834	150	684	2,446	1	74	2,324	7,679	5,356	10	37	0	0
Other.....	1,564	433	141	291	1,131	62	105	524	2,859	2,335	402	35	3	(*)
Africa.....	733	173	134	39	560	50	24	(*)	3	2	320	165	1	0
South Africa.....	221	119	113	6	102	8	12	(*)	1	1	52	29	1	0
Other.....	512	54	21	33	458	42	12	(*)	2	1	268	136	0	0
Middle East.....	1,151	305	288	17	846	34	56	(*)	7	7	391	361	4	3
Israel.....	455	243	233	10	212	33	11	-3	1	3	90	81	0	0
Saudi Arabia.....	253	24	24	0	229	0	27	1	(*)	0	72	126	3	3
Other.....	445	39	32	7	406	1	18	2	7	4	229	155	1	0
Asia and Pacific.....	9,682	5,222	3,264	1,957	4,460	193	581	101	446	345	1,863	1,679	43	18
Australia.....	933	519	422	97	413	66	53	-30	153	183	115	203	6	3
China.....	449	123	111	11	326	14	1	3	2	225	85	0	0	0
Hong Kong.....	1,169	862	723	139	307	2	81	19	4	-15	104	100	1	1
India.....	571	(D)	17	(D)	(D)	4	15	-2	2	4	317	176	(D)	(*)
Indonesia.....	106	11	10	1	95	1	10	1	1	0	54	29	0	0
Japan.....	3,982	2,759	1,379	1,380	1,225	32	216	113	260	148	181	674	9	11
Korea, Republic of.....	389	126	76	49	263	3	29	2	14	12	135	94	0	1
Malaysia.....	92	52	45	7	40	0	9	0	(*)	(*)	19	12	0	0
New Zealand.....	111	42	41	(*)	69	9	7	0	2	2	37	15	0	(*)
Philippines.....	245	33	33	(*)	212	1	7	1	(*)	-1	138	65	0	0
Singapore.....	662	472	309	163	190	1	87	1	2	1	39	60	2	2
Taiwan.....	337	108	54	54	229	1	21	-1	3	3	126	82	0	0
Thailand.....	163	53	42	11	110	2	9	0	(*)	(*)	57	42	0	0
Other.....	479	(D)	2	(D)	(D)	57	36	-2	2	5	316	44	(D)	0
International organizations and unallocated.....	206	17	17	0	187	0	0	-18	18	36	159	3	43	1
Addenda:														
European Union 1.....	19,305	12,458	7,397	5,061	6,848	951	1,994	-160	8,386	8,546	934	3,005	124	63
Eastern Europe 2.....	579	15	14	1	566	47	22	-2	(*)	3	300	197	2	1

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.3. Other Private Services, 2000

[Millions of dollars]

	Receipts														
	Total	Affiliated			Unaffiliated										Addendum Film and television tape rentals
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance			Telecom- muni- cations	Business, profes- sional, and technical services	Other services		
								Net	Premi- ums	Losses					
All countries.....	104,707	32,580	19,846	12,734	72,127	10,348	16,307	2,050	8,458	6,408	4,756	24,373	14,293	8,829	
Canada.....	9,867	4,164	3,062	1,101	5,704	511	1,007	259	953	693	501	2,844	583	597	
Europe.....	41,034	16,969	9,804	7,165	24,065	1,806	6,872	119	2,843	2,725	1,160	9,911	4,197	5,596	
Belgium-Luxembourg.....	1,205	(D)	292	(D)	(D)	20	290	30	99	69	58	287	(D)	132	
France.....	3,635	1,668	852	816	1,967	140	608	-124	384	508	41	915	387	614	
Germany.....	5,786	2,897	1,293	1,604	2,889	199	738	-144	339	483	71	1,071	953	1,053	
Italy.....	1,911	549	422	127	1,362	67	415	20	89	69	43	417	401	445	
Netherlands.....	2,943	1,724	1,225	499	1,219	36	430	-1	19	20	92	540	122	866	
Norway.....	567	(D)	(D)	113	(D)	48	86	-24	45	69	9	96	(D)	42	
Spain.....	1,658	418	382	36	1,240	85	316	-28	43	72	20	351	495	564	
Sweden.....	1,600	943	62	881	657	102	172	-19	28	48	70	223	109	109	
Switzerland.....	2,640	1,361	391	970	1,279	39	627	-11	50	61	24	556	44	42	
United Kingdom.....	13,185	4,504	3,256	1,248	8,680	172	2,763	336	1,440	1,104	599	3,884	926	1,258	
Other.....	5,905	2,208	(D)	(D)	3,697	899	427	85	307	222	133	1,571	582	471	
Latin America and Other Western Hemisphere	18,226	2,462	1,697	765	15,764	1,236	5,035	470	2,096	1,626	1,115	3,386	4,522	744	
South and Central America.....	12,489	1,390	1,188	202	11,099	961	1,539	184	765	580	1,009	2,978	4,428	723	
Argentina.....	1,049	143	133	10	906	59	268	62	265	202	69	324	124	91	
Brazil.....	1,725	(D)	208	(D)	(D)	171	355	10	44	34	152	562	(D)	239	
Chile.....	409	40	20	19	369	28	86	17	63	46	39	151	47	29	
Mexico.....	6,219	749	649	100	5,470	211	388	53	176	124	544	688	3,586	192	
Venezuela.....	705	65	63	3	640	102	106	-6	27	34	34	302	102	97	
Other.....	2,384	(D)	116	(D)	(D)	389	336	50	190	140	171	950	(D)	74	
Other Western Hemisphere.....	5,735	1,071	509	563	4,664	275	3,496	286	1,331	1,045	106	408	94	22	
Bermuda.....	1,572	533	182	351	1,039	11	776	134	730	596	9	101	8	4	
Other.....	4,162	539	327	212	3,623	264	2,720	151	601	449	97	306	85	17	
Africa.....	2,290	374	339	36	1,916	609	154	-1	22	23	145	910	99	90	
South Africa.....	542	77	74	2	465	44	56	-10	8	18	73	213	89	82	
Other.....	1,750	298	264	33	1,452	566	98	9	13	4	72	698	10	8	
Middle East.....	3,031	343	179	164	2,688	457	482	(*)	71	71	527	1,091	131	108	
Israel.....	634	(D)	56	(D)	(D)	65	112	11	59	48	65	201	(D)	59	
Saudi Arabia.....	879	(D)	22	(D)	(D)	104	101	(*)	1	1	23	493	(D)	30	
Other.....	1,515	108	100	8	1,407	288	269	-11	11	22	438	397	26	19	
Asia and Pacific.....	26,689	8,177	4,674	3,502	18,512	5,729	2,751	1,165	2,286	1,121	1,307	6,155	1,405	1,491	
Australia.....	2,023	562	480	83	1,459	60	296	40	213	173	195	623	246	316	
China.....	2,237	(D)	197	(D)	(D)	907	116	-3	20	23	92	775	(D)	12	
Hong Kong.....	1,846	754	669	85	1,092	126	308	67	95	28	131	418	43	42	
India.....	1,116	46	46	(*)	1,070	705	62	-1	3	3	67	213	24	12	
Indonesia.....	484	69	67	2	415	188	24	11	10	-1	27	143	22	14	
Japan.....	9,672	3,975	1,296	2,679	5,698	906	934	1,020	1,782	763	299	2,000	539	766	
Korea, Republic of.....	1,817	275	171	104	1,542	686	215	25	44	19	117	416	83	102	
Malaysia.....	535	166	157	9	369	151	54	1	5	4	42	106	15	10	
New Zealand.....	334	19	19	1	315	21	31	6	7	1	28	167	62	58	
Philippines.....	446	79	77	2	367	52	52	9	11	2	35	187	32	23	
Singapore.....	2,258	1,499	1,162	337	759	71	296	-29	15	44	89	304	28	27	
Taiwan.....	1,537	340	211	129	1,197	487	236	15	66	51	85	316	59	84	
Thailand.....	575	119	115	4	456	183	32	5	13	7	19	187	30	22	
Other.....	1,806	(D)	8	(D)	(D)	1,187	95	-3	2	4	81	301	(D)	5	
International organizations and unallocated.....	3,571	92	92	0	3,482	0	6	39	188	149	(*)	80	3,357	204	
Addenda:															
European Union 1.....	35,347	15,121	9,056	6,065	20,226	835	6,067	137	2,675	2,538	1,041	8,394	3,752	5,245	
Eastern Europe 2.....	1,661	140	125	15	1,522	447	109	12	56	44	48	646	260	198	

See footnotes at end of table.

Table 5.3. Other Private Services, 2000—Continued
 [Millions of dollars]

	Payments														
	Total	Affiliated			Unaffiliated										Addendum Film and television tape rentals
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Education	Financial services	Insurance			Telecom- muni- cations	Business, profes- sional, and technical services	Other services		
								Net	Premi- ums	Losses					
All countries.....	55,253	25,971	13,433	12,538	29,282	2,052	4,472	8,175	26,930	18,755	5,473	8,636	473	142	
Canada.....	5,351	2,263	865	1,398	3,090	20	243	302	677	375	227	2,114	184	24	
Europe.....	26,796	15,407	7,732	7,675	11,389	1,195	2,948	2,637	11,133	8,496	874	3,592	143	67	
Belgium-Luxembourg.....	736	(D)	(D)	59	(D)	16	81	18	96	79	23	82	(D)	2	
France.....	3,794	2,515	606	1,909	1,281	150	186	563	887	324	47	319	16	9	
Germany.....	3,165	2,364	822	1,542	802	60	235	-18	2,416	2,434	92	420	13	3	
Italy.....	789	228	124	104	561	163	95	77	89	11	54	160	13	8	
Netherlands.....	1,474	1,115	254	860	359	19	110	28	(D)	(D)	25	166	10	5	
Norway.....	247	102	14	88	145	4	12	7	16	9	89	33	1	0	
Spain.....	579	194	177	17	385	190	54	13	19	6	34	89	5	2	
Sweden.....	456	297	100	197	159	7	69	-1	124	125	15	58	11	(D)	
Switzerland.....	1,667	1,074	276	798	593	11	263	73	1,099	1,025	18	223	5	1	
United Kingdom.....	11,583	5,836	4,277	1,559	5,745	403	1,633	1,990	4,533	2,543	119	1,545	55	24	
Other.....	2,307	(D)	(D)	542	(D)	171	210	-112	(D)	(D)	357	498	(D)	(D)	
Latin America and Other Western Hemisphere	11,320	2,571	983	1,588	8,748	506	411	5,024	14,470	9,446	2,205	582	20	9	
South and Central America.....	3,902	847	638	209	3,055	438	160	-7	62	69	1,914	534	16	8	
Argentina.....	252	105	104	1	147	24	25	-8	17	25	27	77	2	2	
Brazil.....	433	136	127	9	297	18	42	2	(D)	(D)	121	114	(*)	0	
Chile.....	135	65	11	54	70	23	5	1	3	2	25	16	0	(*)	
Mexico.....	1,978	468	327	141	1,509	181	49	2	9	6	1,123	148	6	1	
Venezuela.....	183	52	50	2	131	8	7	-1	0	1	50	61	5	5	
Other.....	921	20	19	1	901	183	32	-4	(D)	(D)	568	119	3	(*)	
Other Western Hemisphere.....	7,417	1,723	345	1,379	5,694	69	251	5,032	14,408	9,376	291	47	4	1	
Bermuda.....	5,358	1,271	220	1,050	4,087	2	105	3,950	9,988	6,037	8	22	0	0	
Other.....	2,059	453	124	329	1,606	67	146	1,081	4,421	3,339	283	25	4	(*)	
Africa.....	728	168	162	6	560	57	29	0	4	4	215	258	1	0	
South Africa.....	272	138	137	1	133	10	13	-1	2	3	40	71	1	0	
Other.....	458	30	25	4	428	48	16	1	2	1	175	188	0	0	
Middle East.....	935	286	256	30	649	54	52	2	9	7	228	313	1	0	
Israel.....	449	235	213	22	214	52	16	-2	5	8	45	103	(*)	0	
Saudi Arabia.....	153	3	3	0	150	0	19	0	(*)	(*)	36	95	0	0	
Other.....	333	48	39	9	285	2	17	4	3	-1	147	115	1	0	
Asia and Pacific.....	9,794	5,244	3,404	1,840	4,550	221	789	144	555	411	1,553	1,774	70	41	
Australia.....	856	441	372	69	414	81	55	17	59	42	67	190	4	1	
China.....	400	175	170	6	225	17	4	(*)	2	1	98	106	(*)	0	
Hong Kong.....	1,293	1,050	890	161	243	2	82	9	5	-4	50	100	(*)	0	
India.....	836	(D)	46	(D)	(D)	5	26	(*)	1	1	505	211	(D)	(*)	
Indonesia.....	118	6	6	(*)	112	1	9	1	1	0	35	66	0	0	
Japan.....	3,928	2,622	1,256	1,366	1,305	36	338	86	415	329	93	712	40	38	
Korea, Republic of.....	373	138	103	35	235	3	44	7	16	10	81	100	(*)	1	
Malaysia.....	66	30	27	3	36	0	10	0	(*)	(*)	15	11	0	0	
New Zealand.....	84	(D)	19	(D)	(D)	11	5	3	5	1	21	9	(D)	(*)	
Philippines.....	216	30	30	(*)	186	1	7	(D)	(D)	(D)	117	44	(D)	0	
Singapore.....	633	459	408	51	174	1	86	1	3	2	33	53	(*)	0	
Taiwan.....	284	128	43	85	156	1	30	6	10	4	49	70	(*)	0	
Thailand.....	115	30	26	4	85	2	9	(*)	1	1	27	47	0	0	
Other.....	590	10	9	1	580	61	84	(D)	(D)	(D)	359	54	(D)	0	
International organizations and unallocated.....	326	32	32	0	294	0	0	66	82	16	170	4	54	1	
Addenda:															
European Union 1.....	24,090	14,139	7,377	6,762	9,947	1,084	2,605	2,563	10,017	7,454	478	3,084	133	65	
Eastern Europe 2.....	512	42	41	(*)	472	52	25	-3	1	4	222	176	1	0	

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.4. Other Private Services, 2001

[Millions of dollars]

	Receipts														
	Total	Affiliated			Unaffiliated										Addendum Film and television tape rentals
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance			Telecom- munications	Business, profes- sional, and technical services	Other services		
								Net	Premi- ums	Losses					
All countries.....	108,109	36,243	21,237	15,006	71,866	11,493	15,209	18	8,658	8,640	4,796	25,720	14,630	9,175	
Canada.....	11,657	5,787	3,387	2,400	5,871	570	1,001	211	1,209	998	512	2,857	720	726	
Europe.....	41,784	18,148	10,210	7,938	23,636	1,969	6,347	-604	3,747	4,351	1,451	10,118	4,356	5,763	
Belgium-Luxembourg.....	1,541	(D)	386	(D)	20	303	70	-20	70	91	78	394	(D)	133	
France.....	3,801	1,848	1,042	807	1,951	156	561	-187	538	724	43	982	396	615	
Germany.....	6,148	3,029	1,239	1,789	3,119	218	591	-137	509	647	115	1,291	1,042	1,149	
Italy.....	2,100	516	348	168	1,582	75	436	-30	80	110	199	484	418	453	
Netherlands.....	2,974	1,839	1,262	577	1,137	40	326	23	49	27	135	519	94	834	
Norway.....	566	(D)	(D)	95	(D)	45	95	-25	53	78	16	100	(D)	29	
Spain.....	1,448	360	327	33	1,088	87	216	-3	71	74	26	267	496	574	
Sweden.....	1,811	1,102	73	1,028	709	99	158	16	35	19	92	245	99	103	
Switzerland.....	2,828	1,634	506	1,128	1,194	40	473	-51	64	116	26	663	43	42	
United Kingdom.....	12,027	4,476	3,277	1,199	7,550	182	2,576	-243	2,010	2,253	564	3,433	1,038	1,379	
Other.....	6,547	2,406	(D)	(D)	4,141	1,007	612	55	268	213	157	1,741	569	456	
Latin America and Other Western Hemisphere	19,125	3,296	2,107	1,189	15,828	1,326	4,310	506	2,492	1,985	972	4,004	4,710	821	
South and Central America.....	13,292	1,639	1,420	220	11,653	1,027	1,402	235	937	702	872	3,520	4,597	790	
Argentina.....	1,024	161	155	6	863	66	223	-18	281	299	77	386	129	98	
Brazil.....	1,989	236	198	38	1,753	183	323	53	92	39	154	806	234	232	
Chile.....	485	96	59	37	389	32	69	39	61	22	34	164	51	33	
Mexico.....	6,585	848	762	86	5,736	221	361	96	206	110	424	911	3,723	245	
Venezuela.....	696	68	62	6	628	108	98	17	35	17	22	280	103	98	
Other.....	2,514	230	184	47	2,284	417	328	47	263	216	162	973	357	84	
Other Western Hemisphere.....	5,831	1,656	687	969	4,175	299	2,908	271	1,554	1,283	100	484	113	31	
Bermuda.....	2,206	1,056	276	780	1,150	12	983	52	974	922	9	85	8	3	
Other.....	3,626	601	412	189	3,025	287	1,925	219	580	361	91	398	105	28	
Africa.....	2,451	344	315	29	2,107	716	183	6	27	21	176	925	101	90	
South Africa.....	543	82	74	8	462	47	49	-3	8	12	108	170	91	83	
Other.....	1,909	262	241	21	1,647	669	134	10	19	9	68	756	10	7	
Middle East.....	3,286	386	159	226	2,900	495	549	14	120	106	417	1,301	124	100	
Israel.....	737	149	56	94	588	71	121	10	97	87	64	256	65	55	
Saudi Arabia.....	982	(D)	26	(D)	(D)	110	115	-5	4	9	19	566	(D)	24	
Other.....	1,565	(D)	78	(D)	(D)	314	313	9	19	10	334	478	(D)	21	
Asia and Pacific.....	26,537	8,174	4,951	3,223	18,363	6,417	2,803	67	824	757	1,267	6,386	1,423	1,570	
Australia.....	1,922	620	575	45	1,302	64	286	-11	155	165	158	540	265	334	
China.....	2,541	(D)	292	(D)	(D)	1,064	158	6	30	24	103	764	(D)	13	
Hong Kong.....	1,735	678	587	92	1,057	135	375	23	46	23	107	379	38	37	
India.....	1,407	62	60	2	1,345	970	73	(*)	8	8	75	202	25	12	
Indonesia.....	526	62	61	2	464	206	53	-4	12	17	17	168	23	15	
Japan.....	8,837	4,016	1,432	2,584	4,821	886	829	5	356	351	279	2,298	525	819	
Korea, Republic of.....	2,104	275	179	97	1,829	811	211	29	63	34	145	540	93	111	
Malaysia.....	578	179	172	8	399	138	49	2	10	8	52	140	17	12	
New Zealand.....	330	25	21	4	305	23	31	8	17	9	28	157	58	54	
Philippines.....	386	73	73	(*)	313	56	37	2	12	10	43	145	30	21	
Singapore.....	2,175	1,377	1,163	214	798	74	293	16	36	21	99	287	29	28	
Taiwan.....	1,640	336	225	111	1,304	507	334	-15	57	72	87	334	57	94	
Thailand.....	571	104	102	2	467	199	43	8	18	10	21	168	28	20	
Other.....	1,787	(D)	10	(D)	(D)	1,283	31	-2	4	6	54	265	(D)	2	
International organizations and unallocated.....	3,267	107	107	0	3,158	0	16	-182	239	421	(*)	127	3,197	105	
Addenda:															
European Union 1.....	35,548	16,038	9,332	6,706	19,509	898	5,624	-548	3,535	4,083	1,305	8,285	3,945	5,446	
Eastern Europe 2.....	1,875	136	128	8	1,740	508	134	7	55	48	61	783	247	184	

See footnotes at end of table.

Table 5.4. Other Private Services, 2001—Continued

[Millions of dollars]

	Payments													Addendum
	Total	Affiliated			Unaffiliated									
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	
								Net	Premiums	Losses				
All countries.....	54,588	28,410	13,467	14,943	26,178	2,378	4,016	4,906	39,895	34,989	4,298	10,040	540	129
Canada.....	6,479	3,326	791	2,535	3,155	24	193	370	667	297	184	2,205	179	18
Europe.....	20,862	15,255	7,378	7,877	5,607	1,398	2,706	-3,783	15,787	19,570	737	4,368	181	80
Belgium-Luxembourg.....	867	(D)	413	(D)	(D)	19	62	27	124	97	17	146	(D)	2
France.....	2,328	1,707	574	1,133	621	180	179	-163	1,252	1,415	62	346	17	7
Germany.....	2,458	3,198	762	2,436	-740	72	232	-1,602	2,974	4,576	62	480	17	6
Italy.....	975	318	160	158	658	195	114	90	94	5	46	201	11	6
Netherlands.....	2,048	1,323	245	1,078	723	23	169	271	100	-172	33	216	10	5
Norway.....	213	126	12	114	87	4	22	26	27	1	6	28	1	0
Spain.....	616	168	136	32	448	232	58	-18	29	46	25	145	6	3
Sweden.....	307	214	100	114	93	8	57	-112	143	254	9	122	9	7
Switzerland.....	931	909	250	659	22	13	240	-515	3,154	3,669	12	266	5	0
United Kingdom.....	9,215	5,490	4,129	1,361	3,724	448	1,373	-184	5,530	5,714	151	1,852	84	42
Other.....	906	(D)	598	(D)	(D)	203	200	-1,603	2,361	3,963	313	566	(D)	3
Latin America and Other Western Hemisphere	15,424	3,832	1,223	2,609	11,592	552	301	8,312	23,082	14,771	1,630	753	44	12
South and Central America.....	3,748	1,013	776	237	2,735	477	151	-28	53	81	1,415	686	34	10
Argentina.....	226	96	95	1	130	26	24	-6	25	31	26	58	2	2
Brazil.....	463	173	153	20	290	19	31	-11	2	12	102	149	(*)	0
Chile.....	148	69	13	56	79	25	5	(*)	(*)	0	33	16	0	(*)
Mexico.....	1,809	601	449	151	1,210	197	30	-4	21	25	767	212	8	1
Venezuela.....	182	44	42	2	138	9	5	0	(*)	(*)	38	77	9	7
Other.....	917	30	24	6	887	200	56	-7	5	12	449	174	15	(*)
Other Western Hemisphere.....	11,677	2,820	447	2,372	8,857	75	150	8,340	23,030	14,690	215	67	10	1
Bermuda.....	9,339	1,728	306	1,422	7,611	2	34	7,537	18,171	10,634	5	33	0	0
Other.....	2,339	1,092	141	951	1,247	73	116	803	4,858	4,055	210	35	10	(*)
Africa.....	798	(D)	132	(D)	(D)	67	32	3	3	(*)	155	380	(D)	0
South Africa.....	285	112	111	(*)	176	11	11	1	1	(*)	24	128	1	0
Other.....	512	(D)	21	(D)	(D)	56	21	2	2	0	131	253	(D)	0
Middle East.....	948	(D)	267	(D)	(D)	68	74	(*)	3	2	154	346	(D)	0
Israel.....	500	255	233	22	245	66	16	(*)	1	1	31	132	(*)	0
Saudi Arabia.....	140	10	3	6	130	0	19	(*)	0	0	32	79	0	0
Other.....	308	(D)	31	(D)	(D)	2	39	(*)	1	1	91	135	(D)	0
Asia and Pacific.....	9,754	5,483	3,629	1,855	4,271	270	710	-36	295	331	1,275	1,986	66	18
Australia.....	902	453	392	60	449	103	99	-40	28	68	64	216	7	4
China.....	390	(D)	184	(D)	(D)	21	8	1	3	2	64	103	(D)	0
Hong Kong.....	1,377	1,150	1,056	94	227	2	67	10	5	-5	32	116	(*)	0
India.....	807	(D)	68	(D)	(D)	6	19	-1	(*)	1	396	242	(D)	(*)
Indonesia.....	79	5	5	(*)	74	1	3	-7	(*)	7	28	49	0	0
Japan.....	3,732	2,656	1,184	1,472	1,076	41	245	-18	221	238	75	711	22	12
Korea, Republic of.....	401	153	114	39	248	3	57	1	18	17	59	128	(*)	1
Malaysia.....	85	50	47	3	35	0	6	0	(*)	1	12	17	0	0
New Zealand.....	83	43	39	4	40	13	2	-1	-1	1	16	10	(*)	(*)
Philippines.....	273	38	38	(*)	235	1	4	11	(D)	(D)	123	96	0	0
Singapore.....	572	406	356	50	166	1	64	1	2	1	23	77	(*)	0
Taiwan.....	318	140	100	40	178	1	33	7	3	-4	45	92	0	0
Thailand.....	147	49	45	4	98	3	5	1	(*)	0	28	61	0	0
Other.....	590	3	2	1	587	74	98	-1	(D)	(D)	310	69	37	0
International organizations and unallocated.....	322	47	47	0	275	0	0	40	57	17	163	3	69	1
Addenda:														
European Union 1.....	18,952	14,107	7,061	7,046	4,845	1,270	2,398	-3,294	12,603	15,898	542	3,764	165	80
Eastern Europe 2.....	532	(D)	47	(D)	(D)	58	29	1	1	(*)	115	235	(D)	0

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.1. Insurance, 1998

[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries.....	2,224	7,278	5,054	422	920	498	1,802	6,358	4,556	9,240	20,398	11,158	1,098	1,276	178	8,142	19,122	10,980
Canada.....	129	868	739	52	122	71	77	746	669	636	1,150	514	38	38	(*)	598	1,112	514
Europe.....	672	2,793	2,122	91	234	143	581	2,559	1,979	2,619	7,965	5,346	844	898	54	1,775	7,067	5,292
Belgium-Luxembourg.....	28	100	73	-3	5	8	30	95	65	34	128	95	10	10	(*)	23	118	95
France.....	37	293	256	2	21	19	35	272	220	537	317	44	47	3	176	490	314	
Germany.....	120	447	327	2	21	19	118	426	308	848	1,617	769	20	21	1	828	1,596	768
Italy.....	39	90	51	-5	8	13	44	82	38	-14	100	114	1	1	(*)	-15	99	114
Netherlands.....	3	31	28	4	4	-1	-1	27	28	7	39	32	1	1	(*)	6	38	32
Norway.....	22	48	26	2	10	8	21	39	18	13	16	3	10	11	(*)	3	6	3
Spain.....	6	42	36	-5	(D)	(D)	10	(D)	(D)	6	10	4	(*)	(*)	(*)	6	10	4
Sweden.....	3	25	22	-3	3	6	6	22	16	-22	61	83	(*)	(*)	(*)	-22	61	83
Switzerland.....	2	53	50	-1	5	6	4	48	44	237	1,213	976	19	20	(*)	217	1,193	976
United Kingdom.....	395	1,461	1,067	98	138	40	297	1,324	1,027	1,266	3,763	2,497	735	785	50	531	2,978	2,447
Other.....	17	202	185	1	(D)	(D)	17	(D)	(D)	25	480	455	2	2	(*)	23	478	455
Latin America and Other																		
Western Hemisphere.....	892	2,452	1,561	128	302	174	764	2,151	1,387	5,449	10,674	5,225	186	309	123	5,262	10,365	5,102
South and Central America	13	764	751	68	229	161	-55	535	590	0	31	31	2	2	(*)	-2	29	31
Argentina.....	89	219	130	69	90	21	20	130	109	-3	(D)	(D)	(*)	(*)	(*)	-3	(D)	(D)
Brazil.....	7	24	17	6	8	2	1	16	15	(*)	1	(*)	(*)	(*)	(*)	0	(*)	(*)
Chile.....	8	96	88	(D)	(D)	1	(D)	(D)	88	1	(*)	-1	(*)	(*)	(*)	1	(*)	-1
Mexico.....	47	132	85	21	32	11	27	100	74	3	5	2	1	1	(*)	2	4	2
Venezuela.....	1	28	27	9	10	1	-8	18	25	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Other.....	-139	264	403	(D)	(D)	124	(D)	279	-1	(D)	(D)	(*)	(*)	(*)	(*)	-1	(D)	(D)
Other Western Hemisphere	879	1,688	810	60	73	13	819	1,616	797	5,449	10,643	5,194	185	307	123	5,264	10,336	5,071
Bermuda.....	48	602	554	(*)	8	8	48	594	546	3,479	7,189	3,710	187	(D)	(D)	3,292	(D)	(D)
Other.....	831	1,086	256	59	64	5	771	1,022	251	1,970	3,454	1,484	-3	(D)	(D)	1,973	(D)	(D)
Africa.....	3	18	17	1	3	2	(*)	15	15	3	5	2	1	1	(*)	1	4	2
South Africa.....	1	10	7	(*)	(*)	(*)	3	10	7	-1	1	1	(*)	(*)	(*)	-1	1	1
Other.....	-1	8	10	1	3	2	-2	6	8	3	4	1	1	1	(*)	2	3	1
Middle East.....	15	73	58	2	2	(*)	13	70	57	5	8	3	5	5	(*)	(*)	3	3
Israel.....	7	52	45	(*)	1	(*)	6	51	45	-1	(*)	1	(*)	(*)	(*)	-1	(*)	1
Saudi Arabia.....	4	7	4	(*)	1	(*)	3	7	4	0	(*)	1	(*)	(*)	(*)	0	(*)	1
Other.....	5	13	9	1	1	(*)	4	12	9	6	7	1	5	5	(*)	1	3	1
Asia and Pacific.....	398	865	467	58	115	57	341	750	410	527	587	60	24	25	(*)	503	562	59
Australia.....	54	142	88	11	35	25	44	107	63	426	244	-182	14	14	(*)	413	230	-183
China.....	18	12	-6	(*)	1	(*)	18	12	-6	-3	-4	-1	(*)	(*)	(*)	-3	-4	-1
Hong Kong.....	17	37	19	8	14	6	9	23	14	27	(D)	(D)	2	2	(*)	25	(D)	(D)
India.....	-1	9	10	(*)	(*)	0	-1	9	10	2	4	2	(*)	(*)	(*)	2	4	2
Indonesia.....	-3	9	12	1	1	(*)	-4	8	12	(*)	1	(*)	1	1	(*)	0	(*)	(*)
Japan.....	258	453	195	16	24	8	242	429	187	61	291	230	4	4	(*)	57	287	230
Korea, Republic of.....	12	32	20	7	8	2	5	23	18	-4	10	14	(*)	(*)	(*)	-4	10	14
Malaysia.....	(*)	8	8	1	1	0	0	7	8	-1	(*)	1	(*)	(*)	(*)	-1	(*)	1
New Zealand.....	8	14	6	(*)	1	(*)	8	14	6	8	9	(*)	2	2	(*)	6	7	(*)
Philippines.....	2	13	11	1	1	(*)	1	12	11	7	5	-2	(*)	(*)	(*)	7	5	-2
Singapore.....	12	26	15	6	(D)	(D)	6	(D)	(D)	8	14	6	(*)	(*)	(*)	7	14	6
Taiwan.....	18	90	72	3	11	8	15	79	64	-2	2	3	(*)	(*)	(*)	-2	1	3
Thailand.....	5	15	10	3	(D)	(D)	2	(D)	(D)	-3	2	5	(*)	(*)	(*)	-3	2	5
Other.....	-3	4	6	(*)	(*)	(*)	-3	3	6	-1	(D)	(D)	(*)	(*)	(*)	-1	(D)	(D)
International organizations and unallocated.....	118	209	91	91	142	51	27	67	40	2	10	7	0	0	(*)	2	10	7
Addenda:																		
European Union ¹	644	2,618	1,974	88	217	129	556	2,401	1,845	2,369	6,734	4,365	813	867	54	1,556	5,867	4,311
Eastern Europe ²	3	60	57	1	1	0	1	59	57	(*)	1	1	(*)	(*)	(*)	0	(*)	1

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.2. Insurance, 1999

[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries.....	1,011	6,760	5,749	334	732	397	676	6,028	5,352	2,683	20,857	18,173	1,329	1,520	191	1,354	19,336	17,982
Canada.....	205	921	716	28	95	67	177	826	649	254	660	406	13	13	(*)	241	647	406
Europe.....	159	2,596	2,438	105	161	57	54	2,435	2,381	-491	9,147	9,638	1,152	1,189	37	-1,643	7,958	9,601
Belgium-Luxembourg.....	18	101	83	1	2	1	17	99	82	61	151	90	3	3	(*)	58	148	90
France.....	63	310	246	3	5	2	61	305	244	238	663	425	44	44	(*)	194	619	425
Germany.....	-47	317	365	5	7	2	-52	311	362	546	2,348	1,802	34	34	(*)	512	2,314	1,802
Italy.....	20	106	85	2	2	(*)	19	104	85	18	123	105	7	7	(*)	11	116	105
Netherlands.....	7	36	29	7	4	-3	-1	32	33	-500	(D)	(D)	(*)	(*)	(*)	-500	(D)	(D)
Norway.....	-32	43	75	-1	5	5	-32	38	70	6	14	8	9	9	(*)	-3	5	8
Spain.....	-5	44	50	2	2	0	-7	43	50	10	14	4	(*)	(*)	(*)	9	13	4
Sweden.....	-13	17	30	1	1	0	-14	16	30	-36	83	119	(*)	(*)	(*)	-36	83	119
Switzerland.....	-23	42	65	1	1	(*)	-24	41	65	-334	745	1,079	7	12	5	-341	733	1,074
United Kingdom.....	184	1,393	1,209	84	121	36	100	1,273	1,173	392	4,049	3,657	1,045	1,076	31	-654	2,973	3,626
Other.....	-12	188	200	(*)	13	13	-12	174	186	-891	(D)	(D)	3	3	(*)	-894	(D)	(D)
Latin America and Other																		
Western Hemisphere.....	392	2,015	1,623	175	220	46	217	1,795	1,578	2,836	10,576	7,740	137	290	154	2,699	10,285	7,586
South and Central America	121	646	525	106	145	39	14	501	487	-12	37	49	2	2	(*)	-14	35	49
Argentina.....	46	176	130	27	31	4	18	145	127	-9	16	24	(*)	(*)	(*)	-9	15	24
Brazil.....	7	21	15	8	9	2	-1	12	13	8	9	1	(*)	(*)	(*)	8	9	1
Chile.....	6	57	51	(D)	(D)	1	(D)	(D)	49	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Mexico.....	72	149	77	30	34	4	42	115	73	2	7	4	1	1	(*)	1	6	4
Venezuela.....	-11	23	34	2	3	1	-13	20	33	(*)	(*)	0	(*)	(*)	0	(*)	(*)	0
Other.....	1	220	219	(D)	(D)	27	(D)	(D)	192	-14	5	19	(*)	(*)	(*)	-15	5	19
Other Western Hemisphere	271	1,369	1,098	68	76	7	202	1,293	1,091	2,848	10,539	7,691	135	289	154	2,713	10,250	7,537
Bermuda.....	84	870	786	4	4	1	80	866	785	2,324	7,679	5,356	142	277	135	2,182	7,402	5,220
Other.....	187	499	312	65	71	6	122	428	306	524	2,859	2,335	-7	12	18	531	2,848	2,317
Africa.....	-18	11	29	2	2	1	-20	9	29	(*)	3	2	1	1	(*)	-1	1	2
South Africa.....	2	5	3	(*)	(*)	(*)	2	5	3	(*)	1	1	(*)	(*)	(*)	0	1	1
Other.....	-20	6	26	1	2	1	-22	4	26	(*)	2	1	1	1	(*)	-1	1	1
Middle East.....	-10	71	81	-1	2	3	-10	69	79	(*)	7	7	5	5	(*)	-5	2	7
Israel.....	11	42	31	-1	1	2	12	41	29	-3	1	3	(*)	(*)	(*)	-3	(*)	3
Saudi Arabia.....	-1	3	3	0	(*)	(*)	-1	2	3	1	(*)	0	(*)	(*)	(*)	1	(*)	0
Other.....	-21	26	47	(*)	(*)	(*)	-21	26	47	2	7	4	5	5	(*)	-2	2	4
Asia and Pacific.....	241	948	707	46	134	88	195	814	619	101	446	345	21	21	(*)	81	425	344
Australia.....	4	159	155	2	49	48	3	110	107	-30	153	183	5	5	(*)	-35	148	183
China.....	0	17	17	-1	2	3	1	15	14	1	3	2	2	2	(*)	-1	1	2
Hong Kong.....	20	34	14	(D)	(D)	7	(D)	(D)	7	19	4	-15	(D)	(D)	(*)	(D)	(D)	-15
India.....	0	6	6	(*)	(*)	(*)	0	6	6	-2	2	4	(*)	(*)	(*)	-2	2	4
Indonesia.....	-6	5	11	(*)	1	1	-6	4	10	1	1	0	1	1	(*)	(*)	(*)	0
Japan.....	226	548	322	(D)	(D)	2	(D)	(D)	320	113	260	148	(D)	(D)	(*)	(D)	(D)	148
Korea, Republic of.....	-1	35	36	8	12	4	-9	23	32	2	14	12	(*)	(*)	(*)	2	14	12
Malaysia.....	3	8	5	1	1	0	3	7	5	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)
New Zealand.....	8	12	4	(*)	1	(*)	8	11	4	0	2	2	(*)	(*)	(*)	0	2	2
Philippines.....	-7	14	21	1	1	1	-7	13	20	1	(*)	-1	(*)	(*)	(*)	1	(*)	-1
Singapore.....	-2	32	34	8	(D)	(D)	-9	(D)	(D)	1	2	1	(*)	(*)	(*)	(*)	2	1
Taiwan.....	1	57	56	-1	(D)	(D)	2	(D)	(D)	-1	3	3	(*)	(*)	(*)	-1	2	3
Thailand.....	(*)	17	17	-2	2	5	3	15	12	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Other.....	-6	3	9	(*)	(*)	(*)	-6	3	9	-2	2	5	(*)	(*)	(*)	-3	2	5
International organizations and unallocated.....	42	197	155	-20	117	137	62	80	18	-18	18	36	(*)	(*)	(*)	-18	18	36
Addenda:																		
European Union ¹	218	2,449	2,231	102	153	50	116	2,297	2,181	-160	8,386	8,546	1,136	1,167	31	-1,296	7,219	8,514
Eastern Europe ²	-4	44	48	1	1	(*)	-5	43	47	-2	(*)	3	(*)	(*)	(*)	-3	(*)	3

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.3. Insurance, 2000

[Millions of dollars]

	Receipts									Payments									
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance			
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	
All countries.....	2,050	8,458	6,408	468	977	509	1,582	7,481	5,899	8,175	26,930	18,755	1,264	1,704	440	6,911	25,226	18,315	
Canada.....	259	953	693	71	128	58	188	824	636	302	677	375	83	83	(*)	219	594	375	
Europe.....	119	2,843	2,725	102	204	102	17	2,640	2,623	2,637	11,133	8,496	1,156	1,247	91	1,481	9,887	8,406	
Belgium-Luxembourg.....	30	99	69	(*)	1	1	30	98	68	18	96	79	5	5	0	13	92	79	
France.....	-124	384	508	5	6	1	-129	378	507	563	887	324	10	(D)	(D)	553	(D)	(D)	
Germany.....	-144	339	483	6	9	3	-150	331	481	-18	2,416	2,434	-2	(D)	(D)	-16	(D)	(D)	
Italy.....	20	89	69	1	2	1	19	87	68	77	89	11	1	0	76	87	11		
Netherlands.....	-1	19	20	5	5	(*)	-6	14	20	28	(D)	(D)	1	1	0	27	(D)	(D)	
Norway.....	-24	45	69	6	6	1	-30	39	68	7	16	9	9	9	(*)	-2	7	9	
Spain.....	-28	43	72	1	1	(*)	-30	42	72	13	19	6	(*)	(*)	0	13	19	6	
Sweden.....	-19	28	48	1	2	1	-21	26	47	-1	124	125	4	4	0	-5	121	125	
Switzerland.....	-11	50	61	-1	1	2	-11	49	59	73	1,099	1,025	22	22	0	51	1,077	1,025	
United Kingdom.....	336	1,440	1,104	78	130	52	258	1,310	1,052	1,990	4,533	2,543	1,105	1,162	57	885	3,370	2,485	
Other.....	85	307	222	0	40	41	85	267	182	-112	(D)	(D)	1	1	(*)	-114	(D)	(D)	
Latin America and Other	470	2,096	1,626	142	239	97	328	1,856	1,528	5,024	14,470	9,446	10	359	349	5,015	14,111	9,097	
Western Hemisphere.....	184	765	580	79	155	77	106	610	504	-7	62	69	2	2	0	-9	60	69	
South and Central America	62	265	202	1	24	23	61	240	179	-8	17	25	(*)	(*)	0	-8	17	25	
Argentina.....	10	44	34	5	8	3	4	35	31	2	(D)	(D)	(*)	(*)	0	1	(D)	(D)	
Brazil.....	17	63	46	7	10	3	10	54	44	1	3	2	(*)	(*)	0	1	3	2	
Chile.....	53	176	124	27	51	24	25	125	100	2	9	6	2	2	0	1	7	6	
Mexico.....	-6	27	34	5	7	2	-11	20	31	-1	0	1	(*)	(*)	0	-1	0	1	
Venezuela.....	50	190	140	33	54	21	17	135	119	-4	(D)	(D)	(*)	(*)	0	-4	(D)	(D)	
Other.....	286	1,331	1,045	63	84	20	222	1,247	1,025	5,032	14,408	9,376	8	357	349	5,024	14,052	9,028	
Other Western Hemisphere	134	730	596	8	6	-2	126	724	598	3,950	9,988	6,037	-5	344	349	3,956	9,644	5,688	
Bermuda.....	151	601	449	55	77	22	96	523	427	1,081	4,421	3,339	13	13	0	1,069	4,408	3,339	
Other.....	Africa.....	-1	22	23	3	3	(*)	-4	18	22	0	4	4	1	1	0	-2	3	4
South Africa.....	-10	8	18	0	(*)	(*)	-10	8	18	-1	2	3	(*)	(*)	0	-1	2	3	
Other.....	9	13	4	3	3	0	6	10	4	1	2	1	1	1	0	0	(*)	1	
Middle East.....	(*)	71	71	2	3	2	-1	68	69	2	9	7	2	2	0	(*)	7	7	
Israel.....	11	59	48	1	2	1	10	57	47	-2	5	8	(*)	(*)	0	-2	5	8	
Saudi Arabia.....	(*)	1	1	(*)	(*)	(*)	0	1	1	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)	
Other.....	-11	11	22	(*)	1	1	-11	10	21	4	3	-1	2	2	0	3	2	-1	
Asia and Pacific.....	1,165	2,286	1,121	168	277	109	997	2,008	1,012	144	555	411	12	12	(*)	131	542	411	
Australia.....	40	213	173	77	107	30	-37	106	144	17	59	42	2	3	(*)	14	56	42	
China.....	-3	20	23	(*)	6	5	-4	14	18	(*)	2	1	(*)	(*)	0	0	1	1	
Hong Kong.....	67	95	28	(D)	(D)	6	(D)	(D)	22	9	5	-4	3	3	0	6	3	-4	
India.....	-1	3	3	1	1	(*)	-1	2	3	(*)	1	1	(*)	(*)	0	0	1	1	
Indonesia.....	11	10	-1	(*)	3	2	11	7	-4	1	0	0	(*)	(*)	0	1	1	0	
Japan.....	1,020	1,782	763	(D)	(D)	4	(D)	(D)	759	86	415	329	4	4	0	82	411	329	
Korea, Republic of.....	25	44	19	9	15	6	16	29	12	7	16	10	2	2	0	5	15	10	
Malaysia.....	1	5	4	1	1	(*)	(*)	4	4	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)	
New Zealand.....	6	7	1	(*)	1	1	6	6	(*)	3	5	1	(*)	(*)	0	3	5	1	
Philippines.....	9	11	2	(D)	(D)	11	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)	0	(D)	(D)	(D)	
Singapore.....	-29	15	44	(D)	(D)	(D)	(D)	(D)	(D)	1	3	2	(*)	(*)	0	1	3	2	
Taiwan.....	15	66	51	10	19	9	5	47	42	6	10	4	(*)	(*)	0	6	10	4	
Thailand.....	5	13	7	(*)	(*)	(*)	5	12	7	(*)	1	1	(*)	(*)	0	(*)	1	1	
Other.....	-3	2	4	(*)	(*)	(*)	-3	1	4	(D)	(D)	(D)	(*)	(*)	0	(D)	(D)	(D)	
International organizations and unallocated.....	39	188	149	-19	122	141	58	66	9	66	82	16	(*)	(*)	0	66	82	16	
Addenda:																			
European Union ¹	137	2,675	2,538	102	168	65	35	2,507	2,472	2,563	10,017	7,454	1,125	1,215	91	1,438	8,801	7,363	
Eastern Europe ²	12	56	44	-4	(D)	(D)	16	(D)	(D)	-3	1	4	(*)	(*)	0	-3	(*)	(*)	

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.4. Insurance, 2001

[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries.....	18	8,658	8,640	270	1,153	883	-251	7,505	7,757	4,906	39,895	34,989	1,856	2,051	195	3,050	37,843	34,793
Canada.....	211	1,209	998	104	256	152	107	954	846	370	667	297	117	119	2	253	548	295
Europe.....	-604	3,747	4,351	109	240	130	-713	3,508	4,220	-3,783	15,787	19,570	1,447	1,573	126	-5,230	14,214	19,444
Belgium-Luxembourg.....	-20	70	91	(*)	1	1	-21	69	90	27	124	97	4	4	(*)	23	120	97
France.....	-187	538	724	4	7	3	-190	531	721	-163	1,252	1,415	105	105	(*)	-268	1,147	1,415
Germany.....	-137	509	647	11	13	2	-148	497	645	-1,602	2,974	4,576	17	19	2	-1,619	2,955	4,574
Italy.....	-30	80	110	(*)	2	1	-31	79	109	90	94	5	(*)	(*)	(*)	89	94	5
Netherlands.....	23	49	27	4	6	2	18	43	25	271	100	-172	2	2	(*)	269	98	-172
Norway.....	-25	53	78	1	7	6	-26	46	71	26	27	1	14	15	1	12	12	1
Spain.....	-3	71	74	2	2	(*)	-5	68	73	-18	29	46	(*)	(*)	0	-18	28	46
Sweden.....	16	35	19	5	5	(*)	10	29	19	-112	143	254	7	7	(*)	-119	136	254
Switzerland.....	-51	64	116	1	1	(*)	-52	63	115	-515	3,154	3,669	33	33	1	-548	3,121	3,669
United Kingdom.....	-243	2,010	2,253	81	144	63	-323	1,866	2,190	-184	5,530	5,714	1,257	1,379	122	-1,441	4,151	5,592
Other.....	55	268	213	(*)	51	51	55	217	162	-1,603	2,361	3,963	8	9	1	-1,611	2,352	3,963
Latin America and Other																		
Western Hemisphere.....	506	2,492	1,985	154	237	83	353	2,255	1,902	8,312	23,082	14,771	277	343	66	8,035	22,739	14,705
South and Central America	235	937	702	87	146	59	148	792	643	-28	53	81	2	3	1	-30	50	80
Argentina.....	-18	281	299	16	24	8	-34	257	291	-6	25	31	(*)	(*)	0	-7	25	31
Brazil.....	53	92	39	7	11	4	46	81	35	-11	2	12	(*)	(*)	(*)	-11	1	12
Chile.....	39	61	22	9	12	2	30	50	20	(*)	(*)	0	(*)	(*)	0	(*)	0	0
Mexico.....	96	206	110	29	42	12	67	165	98	-4	21	25	1	1	1	-5	19	24
Venezuela.....	17	35	17	5	9	4	12	26	13	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)
Other.....	47	263	216	20	49	29	26	214	187	-7	5	12	(*)	(*)	(*)	-8	4	12
Other Western Hemisphere	271	1,554	1,283	67	91	24	204	1,463	1,259	8,340	23,030	14,690	275	340	66	8,065	22,689	14,624
Bermuda.....	52	974	922	6	7	(*)	46	967	921	7,537	18,171	10,634	241	306	65	7,296	17,866	10,570
Other.....	219	580	361	61	85	24	158	496	337	803	4,858	4,055	33	34	1	770	4,824	4,054
Africa.....	6	27	21	2	5	3	4	22	18	3	3	(*)	2	2	(*)	(*)	(*)	(*)
South Africa.....	-3	8	12	(*)	1	1	-4	8	11	1	1	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Other.....	10	19	9	2	4	2	8	15	7	2	2	0	2	2	(*)	(*)	(*)	0
Middle East.....	14	120	106	1	5	4	13	115	102	(*)	3	2	2	2	(*)	-2	(*)	2
Israel.....	10	97	87	-1	2	4	12	95	83	(*)	1	1	1	1	(*)	-1	0	1
Saudi Arabia.....	-5	4	9	(*)	(*)	0	-6	3	9	(*)	0	0	(*)	(*)	(*)	(*)	0	0
Other.....	9	19	10	2	2	1	7	17	10	(*)	1	1	1	1	(*)	-1	1	1
Asia and Pacific.....	67	824	757	105	233	127	-39	592	630	-36	295	331	11	11	(*)	-46	284	330
Australia.....	-11	155	165	-14	54	68	4	101	97	-40	28	68	3	3	(*)	-42	25	68
China.....	6	30	24	1	7	6	5	23	18	1	3	2	(*)	(*)	(*)	1	3	2
Hong Kong.....	23	46	23	(D)	(D)	(D)	(D)	(D)	(D)	10	5	-5	2	2	(*)	8	3	-5
India.....	(*)	8	8	0	(*)	1	1	8	7	-1	(*)	1	(*)	(*)	(*)	-1	0	1
Indonesia.....	-4	12	17	-4	2	6	-1	10	11	-7	(*)	7	(*)	(*)	(*)	-7	(*)	7
Japan.....	5	356	351	75	80	5	-70	276	346	-18	221	238	3	3	(*)	-21	217	238
Korea, Republic of.....	29	63	34	7	15	8	22	48	26	1	18	17	1	1	(*)	(*)	17	17
Malaysia.....	2	10	8	1	1	(*)	1	9	8	0	(*)	1	(*)	(*)	0	0	(*)	1
New Zealand.....	8	17	9	-1	1	2	9	16	7	-1	1	1	(*)	(*)	0	-1	-1	1
Philippines.....	2	12	10	-2	2	4	3	9	6	11	(D)	(D)	1	1	0	11	(D)	(D)
Singapore.....	16	36	21	(D)	(D)	(D)	(D)	(D)	(D)	1	2	1	(*)	(*)	0	1	2	1
Taiwan.....	-15	57	72	4	18	13	-19	39	58	7	3	-4	(*)	(*)	0	7	2	-4
Thailand.....	8	18	10	-1	1	2	9	17	8	1	(*)	0	(*)	(*)	(*)	1	(*)	0
Other.....	-2	4	6	1	1	(*)	-3	3	6	-1	(D)	(D)	(*)	(*)	0	-1	(D)	(D)
International organizations and unallocated.....	-182	239	421	-205	179	383	23	61	38	40	57	17	(*)	(*)	0	40	57	17
Addenda:																		
European Union ¹	-548	3,535	4,083	114	195	81	-661	3,340	4,002	-3,294	12,603	15,898	1,399	1,524	125	-4,693	11,079	15,773
Eastern Europe ²	7	55	48	-5	31	36	13	24	12	1	1	(*)	1	1	(*)	(*)	(*)	(*)

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 7.1. Business, Professional, and Technical Services, Unaffiliated, 1998

[Millions of dollars]

	Receipts										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	22,676	445	1,941	1,764	867	1,888	2,406	3,884	1,271	3,189	5,022
Canada.....	1,802	83	232	198	81	202	158	42	103	229	473
Europe.....	8,100	201	878	889	427	717	1,306	815	255	907	1,705
Belgium-Luxembourg.....	288	9	36	29	22	12	79	10	11	25	56
France.....	684	32	73	69	39	57	194	4	11	94	111
Germany.....	977	35	140	78	99	117	159	61	24	133	131
Italy.....	463	21	34	122	49	13	45	47	13	82	38
Netherlands.....	489	4	69	56	17	28	64	12	37	90	111
Norway.....	103	1	26	8	3	4	9	3	2	15	34
Spain.....	187	5	30	18	3	8	13	8	11	22	69
Sweden.....	230	4	30	19	27	18	32	7	12	36	43
Switzerland.....	471	21	28	89	75	56	71	10	(D)	19	(D)
United Kingdom.....	2,435	56	293	278	50	158	510	232	40	259	560
Other.....	1,773	14	119	125	43	245	131	421	(D)	133	(D)
Latin America and Other Western Hemisphere	3,729	87	255	187	30	248	158	744	217	423	1,379
South and Central America.....	3,284	55	237	167	28	230	105	585	211	400	1,266
Argentina.....	415	1	19	25	5	9	15	23	(D)	57	(D)
Brazil.....	581	(D)	96	40	3	54	18	12	22	64	(D)
Chile.....	172	2	8	10	(*)	3	9	56	4	11	69
Mexico.....	854	13	67	57	10	44	39	133	34	210	249
Venezuela.....	418	(*)	18	16	2	35	11	230	(D)	14	(D)
Other.....	845	(D)	29	20	7	85	14	131	57	44	(D)
Other Western Hemisphere.....	445	32	18	20	2	18	52	159	6	23	113
Bermuda.....	71	(D)	7	7	(*)	2	27	3	(*)	1	(D)
Other.....	374	(D)	10	14	2	16	26	156	6	22	(D)
Africa.....	1,006	3	34	54	21	154	9	422	(D)	45	(D)
South Africa.....	130	1	16	44	3	15	5	7	(*)	12	26
Other.....	876	3	18	9	18	139	3	416	(D)	33	(D)
Middle East.....	1,628	9	60	83	11	168	58	560	(D)	404	(D)
Israel.....	181	3	17	7	3	22	22	7	14	46	41
Saudi Arabia.....	884	3	37	(D)	5	89	10	352	39	292	(D)
Other.....	563	3	6	(D)	2	58	26	201	(D)	66	(D)
Asia and Pacific.....	6,269	61	482	352	292	399	717	1,300	498	1,174	995
Australia.....	478	3	61	88	19	65	47	19	5	81	88
China.....	635	2	21	8	7	10	18	213	(D)	92	(D)
Hong Kong.....	312	10	19	31	3	16	78	12	(*)	66	78
India.....	200	1	12	26	7	10	2	96	9	19	18
Indonesia.....	698	(*)	8	1	5	22	9	560	9	41	43
Japan.....	1,941	31	205	101	182	143	416	49	237	390	188
Korea, Republic of.....	414	3	36	8	18	12	76	48	21	144	48
Malaysia.....	121	1	15	5	(*)	4	2	12	(D)	43	(D)
New Zealand.....	140	(*)	10	22	2	3	4	1	4	28	66
Philippines.....	241	1	14	5	5	26	6	120	1	37	26
Singapore.....	290	4	27	32	7	8	18	66	18	81	29
Taiwan.....	293	3	33	14	19	5	29	54	17	83	35
Thailand.....	272	1	17	7	13	14	3	38	(D)	42	(D)
Other.....	235	(*)	3	3	4	61	11	12	23	28	90
International organizations and unallocated.....	142	(*)	(*)	1	5	(*)	(*)	1	(D)	6	(D)
Addenda:											
European Union ³	6,429	175	787	755	340	432	1,139	586	168	813	1,235
Eastern Europe ⁴	823	3	30	31	10	189	84	208	(D)	26	(D)

See footnotes at end of table.

Table 7.1. Business, Professional, and Technical Services, Unaffiliated, 1998—Continued

[Millions of dollars]

	Payments										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	7,392	912	917	152	637	872	655	554	206	242	2,247
Canada.....	1,477	42	570	19	62	120	36	59	38	78	454
Europe.....	3,146	383	164	95	427	322	355	267	81	93	960
Belgium-Luxembourg.....	78	10	3	1	10	11	12	1	(*)	2	28
France.....	301	52	(D)	11	16	17	30	45	2	6	(D)
Germany.....	333	62	28	11	46	25	60	9	11	10	72
Italy.....	116	20	3	(*)	6	3	9	11	(D)	1	(D)
Netherlands.....	154	8	1	14	27	16	11	(D)	1	4	(D)
Norway.....	46	2	(D)	(*)	5	1	5	4	1	8	(D)
Spain.....	99	34	3	1	5	9	9	(*)	(D)	7	(D)
Sweden.....	57	7	4	(*)	14	3	6	(*)	(D)	1	(D)
Switzerland.....	157	19	5	4	29	8	11	22	2	2	54
United Kingdom.....	1,362	144	69	46	207	180	155	61	8	44	449
Other.....	444	25	21	6	60	49	49	(D)	1	7	(D)
Latin America and Other Western Hemisphere	513	77	14	1	31	82	77	18	5	10	200
South and Central America.....	463	75	12	(*)	29	77	63	17	4	9	176
Argentina.....	54	10	2	(*)	4	4	9	7	(*)	3	15
Brazil.....	110	24	1	(*)	8	27	17	2	(*)	2	28
Chile.....	16	3	(*)	(*)	2	1	3	(*)	(*)	(*)	7
Mexico.....	123	14	3	(*)	6	12	15	4	2	3	62
Venezuela.....	23	2	1	(*)	1	5	4	(*)	(*)	(*)	10
Other.....	136	21	4	(*)	8	29	16	3	1	(*)	54
Other Western Hemisphere.....	50	2	2	(*)	2	4	13	1	1	1	24
Bermuda.....	25	1	1	(*)	1	1	9	(*)	1	(*)	10
Other.....	25	1	1	(*)	1	3	4	(*)	(*)	1	14
Africa.....	161	9	2	(*)	(D)	(D)	8	27	2	1	69
South Africa.....	23	5	1	(*)	1	1	3	(*)	(*)	1	11
Other.....	138	4	1	(*)	(D)	(D)	5	27	2	(*)	58
Middle East.....	372	20	13	1	(D)	(D)	12	84	(*)	10	63
Israel.....	88	3	8	1	(D)	2	6	(D)	(*)	8	17
Saudi Arabia.....	161	5	5	(*)	1	(D)	2	(D)	(*)	2	(D)
Other.....	122	12	(*)	(*)	1	3	4	(D)	(*)	(*)	(D)
Asia and Pacific.....	1,724	381	154	36	60	195	168	99	80	50	500
Australia.....	199	26	4	2	14	19	25	15	(*)	5	89
China.....	72	5	3	3	3	13	10	1	1	2	32
Hong Kong.....	129	17	6	1	2	7	22	13	(*)	3	59
India.....	132	4	97	3	3	4	4	1	(D)	1	(D)
Indonesia.....	22	1	1	(*)	2	5	2	1	(*)	2	8
Japan.....	729	285	21	20	15	37	55	33	(D)	16	(D)
Korea, Republic of.....	100	13	1	(*)	6	10	18	(D)	(*)	6	(D)
Malaysia.....	14	1	(*)	(*)	(*)	7	1	(*)	(*)	(*)	4
New Zealand.....	20	4	1	(*)	4	1	6	(*)	(*)	(*)	4
Philippines.....	78	3	13	3	3	(D)	2	4	(*)	(*)	(D)
Singapore.....	52	5	4	3	1	3	6	2	2	5	21
Taiwan.....	94	14	3	(*)	3	(D)	9	6	(*)	9	(D)
Thailand.....	39	3	(*)	(*)	3	(D)	4	2	(*)	1	(D)
Other.....	44	1	(*)	(*)	2	3	4	(D)	(*)	(*)	(D)
International organizations and unallocated.....	(*)	0	0	0	(*)	(*)	(*)	0	0	0	(*)
Addenda:											
European Union ³	2,671	353	146	90	354	275	312	158	77	82	825
Eastern Europe ⁴	230	4	1	1	37	27	19	(D)	1	1	(D)

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, engineering, architectural, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1998, total net receipts of \$3,884 million were derived as gross operating revenues of \$8,954 million less merchandise exports of \$1,702 million and foreign expenses of \$3,368 million. The components of the total are as follows: Construction services—net receipts of \$793 million were derived as gross operating revenues of \$3,541 million less merchandise exports of \$988 million and foreign expenses of \$1,760 million. Engineering, architectural, and other technical services—net receipts of \$2,541 million were derived as gross operating revenues of \$4,094 million less merchandise exports of \$548 million and foreign expenses of \$1,005 million. Mining services—net

receipts of \$550 million were derived as gross operating revenues of \$1,318 million less merchandise exports of \$166 million and foreign expenses of \$602 million. Payments for construction, engineering, architectural, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. Consists of accounting, auditing, and bookkeeping services, medical services, miscellaneous disbursements, operational leasing, sports and performing arts, training services, and other business, professional, technical services (see footnote 1 table 1).

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.2. Business, Professional, and Technical Services, Unaffiliated, 1999

[Millions of dollars]

	Receipts										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	27,701	481	3,312	2,131	994	1,832	2,465	5,834	1,865	3,491	5,298
Canada.....	2,448	104	311	225	107	176	180	297	190	328	532
Europe.....	10,172	185	1,910	1,016	428	860	1,322	1,014	534	994	1,910
Belgium-Luxembourg.....	376	11	43	22	17	29	44	21	(D)	23	(D)
France.....	934	20	170	71	29	92	202	25	(D)	95	(D)
Germany.....	1,219	37	207	87	106	125	186	105	77	121	167
Italy.....	422	22	43	136	15	22	40	20	12	52	59
Netherlands.....	518	4	87	66	21	35	45	4	23	94	138
Norway.....	123	1	46	4	7	4	8	3	2	11	39
Spain.....	292	10	52	22	9	13	12	13	29	58	74
Sweden.....	236	3	36	20	29	22	34	1	15	43	33
Switzerland.....	476	18	29	91	80	76	58	9	12	30	73
United Kingdom.....	3,787	42	1,000	350	71	259	561	475	101	309	620
Other.....	1,788	16	195	146	45	183	130	338	87	159	489
Latin America and Other Western Hemisphere	4,342	120	247	257	47	200	159	1,110	281	497	1,423
South and Central America.....	3,933	99	232	228	43	180	108	1,000	276	468	1,300
Argentina.....	460	(D)	28	25	(D)	9	15	35	(D)	69	152
Brazil.....	597	23	51	63	5	44	24	73	17	71	227
Chile.....	291	4	9	11	(*)	2	9	150	4	28	74
Mexico.....	952	14	68	68	13	28	35	100	77	249	300
Venezuela.....	581	3	35	34	2	14	9	387	3	11	84
Other.....	1,052	(D)	40	28	(D)	83	16	255	(D)	41	463
Other Western Hemisphere.....	409	21	16	28	4	21	51	110	5	29	124
Bermuda.....	61	7	4	7	2	5	22	2	(*)	1	12
Other.....	348	14	12	22	2	16	30	108	4	29	112
Africa.....	1,258	3	126	62	14	131	8	644	30	38	200
South Africa.....	209	(*)	85	49	5	25	6	4	(*)	16	19
Other.....	1,049	3	40	13	9	106	2	640	30	22	182
Middle East.....	2,052	3	107	105	79	128	55	933	78	430	133
Israel.....	209	1	36	6	30	23	27	3	14	31	38
Saudi Arabia.....	1,246	(*)	55	(D)	48	51	5	(D)	(D)	323	16
Other.....	596	1	15	(D)	2	54	23	(D)	(D)	76	79
Asia and Pacific.....	7,241	66	610	465	312	331	741	1,836	752	1,204	925
Australia.....	544	4	100	113	17	38	56	37	20	85	75
China.....	744	3	13	11	5	9	36	337	5	108	217
Hong Kong.....	457	8	49	40	4	11	91	11	(D)	86	(D)
India.....	139	1	17	32	4	7	5	17	11	18	26
Indonesia.....	574	(*)	16	3	2	27	6	449	7	35	29
Japan.....	2,040	36	230	139	198	102	396	64	325	391	160
Korea, Republic of.....	428	3	36	13	20	19	82	30	35	130	61
Malaysia.....	148	1	20	7	1	12	1	44	5	37	17
New Zealand.....	154	1	15	25	2	1	4	1	2	32	73
Philippines.....	376	(*)	9	7	2	27	4	277	3	30	17
Singapore.....	698	6	34	45	9	10	18	(D)	(D)	94	(D)
Taiwan.....	533	2	40	16	30	7	32	(D)	(D)	119	40
Thailand.....	189	1	22	9	12	15	5	20	(D)	29	(D)
Other.....	216	1	6	7	6	46	5	14	24	9	98
International organizations and unallocated.....	190	(*)	1	(*)	6	6	(*)	3	(*)	(*)	174
Addenda:											
European Union ³	8,468	159	1,754	888	333	629	1,176	741	444	895	1,448
Eastern Europe ⁴	835	7	56	23	7	126	75	253	75	28	185

See footnotes at end of table.

Table 7.2. Business, Professional, and Technical Services, Unaffiliated, 1999—Continued
 [Millions of dollars]

	Payments										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	8,110	881	984	171	749	842	742	510	262	315	2,652
Canada.....	1,806	56	594	8	117	101	46	86	84	136	578
Europe.....	3,462	312	170	126	473	387	409	170	130	114	1,171
Belgium-Luxembourg.....	91	16	6	3	13	15	16	3	(*)	1	20
France.....	287	31	19	(D)	26	39	28	8	5	2	(D)
Germany.....	413	47	51	12	64	49	59	8	(D)	26	(D)
Italy.....	146	16	4	1	13	6	16	1	18	(D)	(D)
Netherlands.....	130	5	2	16	22	13	12	9	(*)	4	47
Norway.....	43	2	(D)	(*)	7	2	5	(D)	1	1	5
Spain.....	96	19	3	(*)	7	11	(*)	26	1	1	21
Sweden.....	76	4	1	(*)	36	2	6	(*)	15	2	10
Switzerland.....	145	14	7	4	52	5	9	1	3	1	48
United Kingdom.....	1,507	142	62	45	168	193	180	78	19	34	585
Other.....	527	15	(D)	(D)	67	57	67	(D)	(D)	(D)	214
Latin America and Other Western Hemisphere	632	92	11	1	28	68	87	41	16	15	273
South and Central America.....	560	87	9	1	26	58	72	41	16	13	237
Argentina.....	74	11	(*)	(*)	4	4	11	(D)	1	(*)	(D)
Brazil.....	132	41	1	(*)	7	11	18	2	(D)	5	(D)
Chile.....	24	5	4	(*)	2	1	3	2	(*)	(*)	6
Mexico.....	129	17	1	(*)	4	10	20	3	4	8	63
Venezuela.....	61	1	(*)	(*)	1	4	5	1	1	(*)	48
Other.....	141	13	2	(*)	9	27	16	(D)	(D)	(*)	(D)
Other Western Hemisphere.....	72	5	2	(*)	2	10	15	(*)	(*)	2	36
Bermuda.....	37	1	1	(*)	1	8	11	(*)	(*)	(*)	14
Other.....	35	4	1	(*)	1	2	4	(*)	(*)	1	22
Africa.....	165	5	1	(*)	22	(D)	8	27	1	2	(D)
South Africa.....	29	3	(*)	(*)	6	2	2	(*)	(*)	(*)	15
Other.....	136	2	(*)	(*)	16	(D)	6	27	1	2	(D)
Middle East.....	361	18	20	2	29	(D)	11	111	11	2	(D)
Israel.....	81	2	11	2	6	2	5	(D)	9	1	(D)
Saudi Arabia.....	126	4	9	(*)	(D)	(D)	2	14	1	(*)	8
Other.....	155	12	(*)	(*)	(D)	(D)	4	(D)	2	(*)	(D)
Asia and Pacific.....	1,679	398	187	34	80	138	179	72	21	46	522
Australia.....	203	16	8	1	12	22	23	16	1	4	100
China.....	85	5	4	4	23	4	12	(*)	1	2	29
Hong Kong.....	100	10	2	1	1	3	20	9	(*)	3	51
India.....	176	2	132	3	5	13	5	1	1	1	12
Indonesia.....	29	(*)	1	(*)	3	7	2	1	(*)	2	13
Japan.....	674	322	16	13	20	10	67	5	(D)	13	(D)
Korea, Republic of.....	94	14	1	2	3	6	17	(D)	1	9	(D)
Malaysia.....	12	1	(*)	(*)	(*)	5	2	(*)	(*)	(*)	4
New Zealand.....	15	1	(*)	(*)	2	1	3	(*)	(*)	(*)	6
Philippines.....	65	1	16	5	1	23	3	4	(*)	1	10
Singapore.....	60	3	1	3	1	5	5	(D)	(D)	7	19
Taiwan.....	82	18	4	(*)	3	13	9	1	(*)	4	29
Thailand.....	42	1	(*)	(*)	3	(D)	5	3	(*)	(*)	(D)
Other.....	44	2	1	(*)	3	(D)	4	2	(*)	(*)	(D)
International organizations and unallocated.....	3	(*)	(*)	(*)	(*)	(*)	1	2	(*)	(*)	(*)
Addenda:											
European Union ³	3,005	291	151	119	377	335	360	110	123	96	1,043
Eastern Europe ⁴	197	1	(*)	2	29	34	28	(D)	2	(*)	(D)

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, engineering, architectural, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1999, total net receipts of \$5,834 million were derived as gross operating revenues of \$8,785 million less merchandise exports of \$613 million and foreign expenses of \$2,338 million. The components of the total are as follows: Construction services—net receipts of \$2,643 million were derived as gross operating revenues of \$4,151 million less merchandise exports of \$356 million and foreign expenses of \$1,152 million. Engineering, architectural, and other technical services—net receipts of \$2,620 million were derived as gross operating revenues of

\$3,601 million less merchandise exports of \$255 million and foreign expenses of \$725 million. Mining services—net receipts of \$571 million were derived as gross operating revenues of \$1,034 million less merchandise exports of \$2 million and foreign expenses of \$460 million. Payments for construction, engineering, architectural, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. See table 7.1, footnote 2.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.3. Business, Professional, and Technical Services, Unaffiliated, 2000

[Millions of dollars]

	Receipts										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	24,373	551	3,050	2,165	1,046	1,751	3,232	2,275	716	3,931	5,655
Canada.....	2,844	87	323	216	75	159	224	603	14	344	800
Europe.....	9,911	304	1,701	1,033	487	749	1,852	497	235	1,162	1,890
Belgium-Luxembourg.....	287	3	24	32	20	37	87	5	1	40	36
France.....	915	73	54	68	36	42	275	11	(D)	151	(D)
Germany.....	1,071	43	122	93	79	87	249	7	27	178	186
Italy.....	417	26	34	141	29	22	40	19	6	59	42
Netherlands.....	540	4	49	68	17	46	78	3	7	97	170
Norway.....	96	1	25	3	5	4	13	-2	(*)	9	38
Spain.....	351	3	44	24	7	15	35	21	(D)	28	(D)
Sweden.....	223	5	33	20	15	32	42	(*)	4	42	29
Switzerland.....	556	19	19	91	105	64	111	2	(D)	39	(D)
United Kingdom.....	3,884	116	1,144	343	107	206	719	159	40	388	661
Other.....	1,571	12	152	150	68	194	204	272	11	131	379
Latin America and Other Western Hemisphere	3,386	73	262	269	39	214	206	169	(D)	448	(D)
South and Central America.....	2,978	59	239	242	35	165	156	116	(D)	422	(D)
Argentina.....	324	(D)	35	25	4	10	21	10	(D)	17	168
Brazil.....	562	10	72	88	3	24	34	16	3	51	262
Chile.....	151	(*)	6	11	2	8	7	20	(D)	23	(D)
Mexico.....	688	11	59	62	15	40	55	-119	29	194	341
Venezuela.....	302	1	29	27	4	5	13	117	4	11	92
Other.....	950	(D)	38	28	7	79	26	71	(D)	127	(D)
Other Western Hemisphere.....	408	14	23	27	4	48	50	53	(D)	26	(D)
Bermuda.....	101	2	6	4	2	18	29	1	(*)	(*)	39
Other.....	306	12	17	23	2	30	22	52	(D)	26	(D)
Africa.....	910	2	92	74	48	187	21	148	(D)	127	(D)
South Africa.....	213	1	57	(D)	(D)	21	16	-1	(*)	13	17
Other.....	698	1	36	(D)	(D)	166	5	149	(D)	114	(D)
Middle East.....	1,091	3	120	114	60	139	60	138	17	323	118
Israel.....	201	1	20	6	23	14	39	-4	6	58	37
Saudi Arabia.....	493	(*)	57	(D)	35	74	12	52	6	193	(D)
Other.....	397	1	44	(D)	2	51	9	89	5	71	(D)
Asia and Pacific.....	6,155	82	551	459	328	297	869	720	319	1,527	1,003
Australia.....	623	4	131	99	25	41	58	41	16	121	88
China.....	775	4	13	13	10	10	44	339	(D)	126	(D)
Hong Kong.....	418	13	35	42	2	20	125	18	6	72	85
India.....	213	5	45	40	9	9	6	19	28	17	35
Indonesia.....	143	(*)	13	4	7	31	8	36	1	8	34
Japan.....	2,000	31	156	147	190	64	478	34	183	545	172
Korea, Republic of.....	416	3	36	16	41	29	48	19	11	136	77
Malaysia.....	106	1	13	6	2	7	2	4	3	53	14
New Zealand.....	167	(*)	4	23	1	(*)	4	(*)	(*)	47	86
Philippines.....	187	1	8	6	1	26	3	79	8	37	17
Singapore.....	304	14	45	23	5	7	38	43	4	101	23
Taiwan.....	316	3	31	19	19	10	38	33	(D)	101	(D)
Thailand.....	187	2	17	10	10	9	13	43	(D)	43	(D)
Other.....	301	1	5	11	7	32	3	13	8	120	103
International organizations and unallocated.....	80	0	(*)	0	10	7	(*)	4	(D)	0	(D)
Addenda:											
European Union ³	8,394	280	1,614	911	358	533	1,597	300	212	1,083	1,506
Eastern Europe ⁴	646	3	19	17	18	120	116	192	5	30	126

See footnotes at end of table.

Table 7.3. Business, Professional, and Technical Services, Unaffiliated, 2000—Continued
 [Millions of dollars]

	Payments										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	8,636	923	922	178	903	755	874	518	261	821	2,482
Canada.....	2,114	187	557	12	80	128	52	73	30	522	474
Europe.....	3,592	302	174	138	544	339	487	178	143	193	1,094
Belgium-Luxembourg.....	82	6	1	3	12	14	18	4	(*)	2	22
France.....	319	23	15	(D)	23	36	30	28	14	12	(D)
Germany.....	420	45	15	8	70	32	69	3	45	40	94
Italy.....	160	16	3	1	7	7	10	(*)	(D)	28	(D)
Netherlands.....	166	5	2	16	19	11	10	5	(*)	7	91
Norway.....	33	2	(*)	(*)	5	2	6	6	1	1	10
Spain.....	89	26	9	1	2	5	12	1	5	5	23
Sweden.....	58	4	1	(*)	21	5	9	3	(*)	5	9
Switzerland.....	223	9	5	6	121	11	16	4	2	3	47
United Kingdom.....	1,545	145	81	57	177	183	235	103	29	57	479
Other.....	498	20	43	(D)	87	33	72	21	(D)	35	154
Latin America and Other Western Hemisphere	582	80	4	1	44	57	92	31	8	25	240
South and Central America.....	534	74	3	1	40	53	78	31	8	22	225
Argentina.....	77	8	(*)	(*)	8	4	13	(*)	(*)	1	(D)
Brazil.....	114	37	1	(*)	9	13	19	1	1	7	25
Chile.....	16	3	(*)	(*)	2	1	3	(*)	(*)	(*)	6
Mexico.....	148	18	1	(*)	6	8	20	3	6	12	74
Venezuela.....	61	1	(*)	(*)	4	3	6	(*)	(*)	(*)	46
Other.....	119	7	1	(*)	11	24	16	(D)	(*)	1	(D)
Other Western Hemisphere.....	47	5	1	(*)	4	4	15	(*)	(*)	3	15
Bermuda.....	22	1	(*)	(*)	3	1	8	(*)	(*)	1	7
Other.....	25	4	1	(*)	1	3	6	(*)	(*)	2	7
Africa.....	258	5	(*)	(*)	35	51	7	55	(D)	1	(D)
South Africa.....	71	4	(*)	(*)	17	5	3	(*)	(D)	(*)	(D)
Other.....	188	1	(*)	(*)	18	46	4	55	(*)	1	61
Middle East.....	313	18	16	2	52	44	15	107	8	4	47
Israel.....	103	2	7	2	22	4	7	30	4	3	22
Saudi Arabia.....	95	4	8	(*)	17	(D)	4	(D)	4	(*)	8
Other.....	115	12	(*)	(*)	13	(D)	5	(D)	(*)	1	17
Asia and Pacific.....	1,774	331	170	24	149	135	219	71	(D)	76	(D)
Australia.....	190	16	9	1	17	11	27	20	(*)	6	83
China.....	106	5	5	4	25	3	13	7	6	9	30
Hong Kong.....	100	9	3	1	1	8	22	(*)	(*)	3	53
India.....	211	3	115	2	10	24	4	1	(D)	1	(D)
Indonesia.....	66	(*)	1	(*)	5	15	3	(D)	(*)	3	(D)
Japan.....	712	262	15	12	45	22	90	4	(*)	36	(D)
Korea, Republic of.....	100	14	1	1	25	6	21	(*)	1	2	29
Malaysia.....	11	1	(*)	(*)	1	3	2	(*)	(*)	(*)	4
New Zealand.....	9	2	(*)	(*)	2	1	2	(*)	(*)	(*)	2
Philippines.....	44	2	14	3	1	4	4	4	(*)	(*)	12
Singapore.....	53	4	2	(*)	3	2	8	1	(*)	4	30
Taiwan.....	70	12	3	(*)	5	8	11	(*)	(*)	(D)	(D)
Thailand.....	47	1	3	(*)	4	(D)	7	2	(*)	(*)	(D)
Other.....	54	2	(*)	(*)	6	(D)	4	(*)	(*)	(D)	28
International organizations and unallocated.....	4	(*)	(*)	(*)	(*)	1	1	2	0	(*)	(*)
Addenda:											
European Union ³	3,084	283	169	131	372	304	420	153	135	166	951
Eastern Europe ⁴	176	3	(*)	(*)	37	15	35	14	4	3	64

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, engineering, architectural, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2000, total net receipts of \$2,275 million were derived as gross operating revenues of \$5,984 million less merchandise exports of \$866 million and foreign expenses of \$2,843 million. The components of the total are as follows: Construction services—net receipts of \$680 million were derived as gross operating revenues of \$2,541 million less merchandise exports of \$707 million and foreign expenses of \$1,154 million. Engineering, architectural, and other technical services—net receipts of \$1,309 million were derived as gross operating revenues of

\$2,490 million less merchandise exports of \$158 million and foreign expenses of \$1,023 million. Mining services—net receipts of \$286 million were derived as gross operating revenues of \$953 million less merchandise exports of \$1 million and foreign expenses of \$666 million. Payments for construction, engineering, architectural, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. See table 7.1, footnote 2.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.4. Business, Professional, and Technical Services, Unaffiliated, 2001

[Millions of dollars]

	Receipts										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	25,720	513	2,644	2,192	1,317	1,859	3,143	2,623	780	4,546	6,105
Canada.....	2,857	85	259	229	90	215	257	610	26	400	684
Europe.....	10,118	269	1,526	1,087	638	773	1,738	551	229	1,410	1,898
Belgium-Luxembourg.....	394	3	22	35	30	28	65	31	(D)	62	(D)
France.....	982	78	74	71	55	71	255	23	27	121	208
Germany.....	1,291	42	137	107	122	87	274	39	33	238	212
Italy.....	484	26	38	140	32	20	45	3	6	97	78
Netherlands.....	519	5	59	67	14	50	73	2	8	87	155
Norway.....	100	1	22	4	4	1	11	3	(*)	17	38
Spain.....	267	4	42	27	10	16	23	40	6	35	66
Sweden.....	245	6	26	21	20	22	64	7	4	47	30
Switzerland.....	663	26	29	94	176	36	89	(D)	14	63	(D)
United Kingdom.....	3,433	68	917	370	89	227	635	69	50	465	544
Other.....	1,741	11	161	152	88	215	204	(D)	(D)	179	(D)
Latin America and Other Western Hemisphere	4,004	85	208	290	39	237	225	565	115	504	1,736
South and Central America.....	3,520	79	187	259	36	153	172	475	103	471	1,586
Argentina.....	386	10	19	20	4	5	19	11	26	68	204
Brazil.....	806	10	59	104	5	19	34	269	3	71	232
Chile.....	164	1	4	11	1	3	8	12	12	43	68
Mexico.....	911	22	54	67	13	35	59	45	28	218	370
Venezuela.....	280	3	21	31	4	6	12	81	4	16	101
Other.....	973	33	30	25	8	86	39	57	30	55	611
Other Western Hemisphere.....	484	6	21	31	2	84	53	91	12	33	150
Bermuda.....	85	2	5	4	2	22	32	(*)	(*)	(*)	17
Other.....	398	4	16	27	1	62	21	91	12	32	133
Africa.....	925	3	77	32	57	220	14	161	17	105	240
South Africa.....	170	1	43	(D)	42	22	9	8	(*)	16	(D)
Other.....	756	2	35	(D)	16	197	5	152	16	89	(D)
Middle East.....	1,301	7	115	130	87	154	88	150	36	318	216
Israel.....	256	1	27	7	35	19	61	-6	11	51	51
Saudi Arabia.....	566	2	55	(D)	48	102	14	43	18	202	(D)
Other.....	478	4	33	(D)	3	33	13	113	7	65	(D)
Asia and Pacific.....	6,386	63	458	424	398	253	821	586	356	1,809	1,217
Australia.....	540	3	91	105	18	26	36	24	16	125	95
China.....	764	2	17	17	11	11	37	268	9	144	248
Hong Kong.....	379	11	36	35	2	15	73	23	6	87	92
India.....	202	1	13	44	9	13	8	12	28	23	51
Indonesia.....	168	(*)	12	4	11	32	7	55	1	9	36
Japan.....	2,298	28	146	113	256	41	511	49	218	698	238
Korea, Republic of.....	540	6	30	18	53	18	55	94	11	170	85
Malaysia.....	140	1	10	8	2	12	2	17	3	58	28
New Zealand.....	157	1	10	13	1	3	4	-5	(*)	47	84
Philippines.....	145	1	10	6	2	22	3	17	8	55	19
Singapore.....	287	5	32	14	6	9	36	-37	7	185	30
Taiwan.....	334	2	24	20	16	4	34	34	13	141	46
Thailand.....	168	2	22	12	5	8	11	10	28	50	19
Other.....	265	1	5	15	6	38	5	25	8	16	146
International organizations and unallocated.....	127	(*)	(*)	(*)	8	8	(*)	(*)	(*)	0	111
Addenda:											
European Union ³	8,285	238	1,422	959	436	568	1,495	243	211	1,265	1,448
Eastern Europe ⁴	783	2	35	21	20	138	120	278	3	45	121

See footnotes at end of table.

Table 7.4. Business, Professional, and Technical Services, Unaffiliated, 2001—Continued
[Millions of dollars]

	Payments										
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries.....	10,040	881	1,016	260	1,064	998	755	471	260	996	3,339
Canada.....	2,205	179	547	15	100	149	44	57	25	524	565
Europe.....	4,368	361	222	210	575	499	425	108	125	343	1,500
Belgium-Luxembourg.....	146	13	(D)	10	16	21	15	4	5	6	(D)
France.....	346	27	25	(D)	31	45	30	7	12	14	(D)
Germany.....	480	48	16	8	66	63	62	3	15	47	152
Italy.....	201	21	3	1	7	8	10	(*)	12	47	92
Netherlands.....	216	12	4	14	11	18	11	8	2	14	123
Norway.....	28	3	(*)	1	3	2	4	7	1	1	6
Spain.....	145	26	8	(D)	4	11	10	(*)	5	5	(D)
Sweden.....	122	5	(*)	(*)	24	11	8	(*)	(*)	57	14
Switzerland.....	266	10	4	3	153	7	13	1	(*)	5	70
United Kingdom.....	1,852	171	90	90	194	256	216	57	42	101	635
Other.....	566	26	(D)	4	66	57	47	19	31	45	(D)
Latin America and Other Western Hemisphere	753	77	7	3	62	86	85	42	7	27	358
South and Central America.....	686	72	6	2	50	80	68	41	6	23	337
Argentina.....	58	8	1	(*)	11	3	9	(*)	(*)	2	24
Brazil.....	149	34	3	(*)	6	21	17	9	(*)	7	51
Chile.....	16	1	(*)	(*)	2	2	3	(*)	(*)	(*)	8
Mexico.....	212	19	2	(*)	9	25	21	9	6	13	108
Venezuela.....	77	2	1	1	5	2	3	(*)	(*)	(*)	63
Other.....	174	8	(*)	(*)	16	27	15	22	(*)	1	83
Other Western Hemisphere.....	67	4	1	2	12	6	18	1	(*)	3	21
Bermuda.....	33	1	(*)	(*)	9	1	12	1	(*)	1	9
Other.....	35	3	1	2	3	5	6	(*)	(*)	2	12
Africa.....	380	6	(D)	(*)	61	28	7	66	(D)	1	153
South Africa.....	128	4	(D)	(*)	34	3	3	(*)	(D)	(*)	25
Other.....	253	2	1	(*)	26	24	4	65	(*)	1	128
Middle East.....	346	15	(D)	4	70	36	14	107	(D)	12	64
Israel.....	132	3	6	4	31	4	7	21	6	11	39
Saudi Arabia.....	79	(*)	(D)	(*)	22	28	3	4	(D)	(*)	11
Other.....	135	12	(*)	(*)	18	4	4	82	(*)	1	14
Asia and Pacific.....	1,986	243	208	28	197	199	180	91	52	88	700
Australia.....	216	20	11	3	16	16	22	17	(*)	4	107
China.....	103	3	9	5	10	5	10	2	6	12	42
Hong Kong.....	116	9	1	(*)	1	7	18	1	(*)	4	74
India.....	242	1	122	3	16	37	3	5	21	1	33
Indonesia.....	49	1	(*)	(*)	3	16	2	3	(*)	2	22
Japan.....	711	176	16	8	105	24	75	10	24	47	226
Korea, Republic of.....	128	10	(*)	1	4	8	17	(D)	1	2	(D)
Malaysia.....	17	2	(*)	(*)	2	5	1	(*)	(*)	(*)	6
New Zealand.....	10	2	(*)	1	1	(*)	2	(*)	(*)	(*)	5
Philippines.....	96	2	34	3	3	(D)	3	2	(*)	(*)	(D)
Singapore.....	77	4	1	2	14	2	6	1	(*)	3	45
Taiwan.....	92	9	8	3	7	10	10	3	(*)	11	30
Thailand.....	61	2	3	(*)	9	28	6	2	(*)	(*)	11
Other.....	69	3	(*)	(*)	7	(D)	3	(D)	(*)	2	(D)
International organizations and unallocated.....	3	(*)	2	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)
Addenda:											
European Union ³	3,764	339	214	207	378	461	378	90	115	307	1,275
Eastern Europe ⁴	235	4	3	(*)	34	19	22	10	8	6	128

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, engineering, architectural, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2001, total net receipts of \$2,623 million were derived as gross operating revenues of \$6,063 million less merchandise exports of \$720 million and foreign expenses of \$2,720 million. The components of the total are as follows: Construction services—net receipts of \$823 million were derived as gross operating revenues of \$2,641 million less merchandise exports of \$564 million and foreign expenses of \$1,255 million. Engineering, architectural, and other technical services—net receipts of \$1,573 million were derived as gross operating revenues of

\$2,985 million less merchandise exports of \$155 million and foreign expenses of \$1,257 million. Mining services—net receipts of \$228 million were derived as gross operating revenues of \$437 million less merchandise exports of less than \$1 million and foreign expenses of \$208 million. Payments for construction, engineering, architectural, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. See table 7.1, footnote 2.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 8. Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's and to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, by Country, 1993-2000

(Millions of dollars)

Country ¹	Sales by MOFA's to foreign persons								Sales by MOUSA's to U.S. persons							
	1993	1994	1995	1996	1997	1998	1999 ²	2000	1993	1994	1995	1996	1997 ³	1998	1999	2000
All countries.....	142,603	159,149	190,057	223,175	255,335	286,066	353,207	392,784	134,700	145,414	149,663	168,444	223,060	245,472	293,485	346,669
Canada.....	18,265	17,776	18,534	21,160	24,128	25,698	34,741	44,317	23,507	22,285	26,620	27,282	35,064	41,871	47,438	51,328
Europe.....	79,578	84,599	105,111	128,665	147,698	165,170	198,673	204,815	78,255	86,156	89,978	101,296	134,865	150,093	187,596	233,282
Belgium.....	(D)	3,886	4,277	4,260	4,283	4,552	4,781	5,359	533	471	164	349	130	262	850	1,253
France.....	10,292	10,897	14,183	15,868	14,567	17,704	19,641	19,291	7,506	11,315	12,141	12,260	16,011	18,456	21,436	30,098
Germany.....	12,744	12,434	17,618	21,829	19,102	20,105	29,732	28,981	10,687	10,728	11,904	16,991	22,171	27,396	29,467	43,767
Italy.....	5,187	4,528	5,176	6,462	6,319	7,455	(D)	7,474	819	917	750	993	914	818	1,926	2,020
Netherlands.....	7,740	8,111	9,134	10,668	10,911	13,504	13,466	11,935	8,667	(D)	9,860	10,511	15,411	21,210	32,759	40,160
Norway.....	793	878	(D)	1,626	1,818	2,152	2,366	1,995	479	539	527	2,031	1,624	1,755	5,348	1,321
Spain.....	2,095	2,211	2,869	3,106	3,115	3,302	4,176	4,614	168	179	182	215	317	333	346	(D)
Sweden.....	(D)	(D)	(D)	2,883	2,881	(D)	(D)	(D)	(D)	(D)	2,413	1,490	1,820	2,892	4,496	7,611
Switzerland.....	3,140	3,187	4,006	4,497	4,133	4,861	4,981	4,413	11,655	12,589	12,758	15,174	19,040	20,540	23,105	31,152
United Kingdom.....	28,496	31,810	38,114	50,330	73,112	78,849	94,158	101,413	33,359	35,563	35,409	37,812	55,035	54,944	65,683	73,093
Other.....	(D)	(D)	6,003	7,126	7,457	(D)	(D)	(D)	(D)	(D)	3,871	3,468	2,392	1,488	2,179	(D)
Latin America and Other Western Hemisphere	9,526	12,588	15,791	17,457	23,781	32,534	41,551	50,277	3,432	4,100	4,209	5,474	6,877	8,000	12,567	13,971
South and Central America.....	5,580	8,354	10,893	12,143	15,449	23,248	28,861	35,439	819	944	969	1,098	1,128	1,160	1,043	1,271
Argentina.....	751	1,463	2,012	2,584	(D)	(D)	4,793	(D)	3	3	3	2	4	5	5	6
Brazil.....	1,875	2,361	3,008	3,457	4,574	10,387	10,001	13,072	36	40	40	59	108	119	109	207
Chile.....	465	865	1,530	1,146	1,425	1,830	2,235	3,115	0	0	0	(*)	(D)	26	173	202
Mexico.....	1,310	1,772	1,850	2,003	(D)	3,014	5,326	6,653	348	488	517	554	559	543	354	500
Venezuela.....	(D)	1,054	(D)	1,689	(D)	2,895	3,220	3,598	197	214	223	256	232	187	(D)	(D)
Other.....	(D)	839	(D)	1,263	1,843	(D)	3,286	(D)	235	199	186	227	(D)	280	(D)	(D)
Other Western Hemisphere.....	3,946	4,233	4,898	5,313	8,332	9,286	12,690	14,838	2,613	3,156	3,240	4,376	5,748	6,840	11,524	12,701
Bermuda.....	(D)	(D)	(D)	(D)	(D)	6,594	7,471	8,797	1,133	1,373	1,460	1,752	2,907	3,060	5,976	6,362
Other.....	(D)	(D)	(D)	(D)	(D)	2,692	5,219	6,041	1,480	1,783	1,780	2,624	2,841	3,781	5,548	6,338
Africa, Middle East, and Asia and Pacific.....	32,496	41,663	48,088	53,336	56,797	60,169	78,242	93,375	(D)	(D)	28,226	33,495	44,304	42,807	(D)	(D)
Africa.....	727	(D)	1,677	1,776	2,102	(D)	2,536	2,905	(D)	(D)	237	248	232	923	(D)	(D)
South Africa.....	35	109	529	(D)	958	1,131	(D)	(D)	173	179	169	202	191	(D)	(D)	(D)
Other.....	692	(D)	1,148	(D)	1,144	(D)	(D)	(D)	(D)	(D)	68	46	41	(D)	(D)	(D)
Middle East.....	1,808	(D)	1,643	1,879	2,045	(D)	4,391	4,604	1,848	1,915	1,803	1,955	2,037	2,260	2,202	2,332
Israel.....	(D)	(D)	(D)	(D)	(D)	(D)	671	1,761	172	164	251	237	239	251	236	271
Saudi Arabia.....	809	720	(D)	(D)	(D)	(D)	(D)	(D)	533	570	591	703	483	483	650	631
Other.....	(D)	(D)	633	(D)	755	803	(D)	(D)	1,143	1,181	961	1,015	1,316	1,526	1,315	1,430
Asia and Pacific.....	29,961	39,033	44,768	49,681	52,649	55,347	71,315	85,866	26,756	30,069	26,186	31,293	42,036	39,623	40,810	41,386
Australia.....	3,964	5,550	6,489	8,821	9,713	11,381	14,699	14,903	(D)	(D)	4,321	5,886	8,854	9,046	8,062	8,731
China.....	59	320	453	776	828	(D)	2,080	(D)	42	45	58	63	(D)	64	73	80
Hong Kong.....	3,351	4,043	4,424	5,310	5,915	6,774	8,065	9,271	1,682	1,759	2,003	1,829	1,388	1,546	1,424	1,262
India.....	(D)	47	116	102	222	341	506	992	16	24	30	(D)	94	133	175	196
Indonesia.....	256	249	324	415	(D)	(D)	613	44	53	40	49	56	96	78	93	93
Japan.....	15,672	19,545	21,693	21,921	21,684	23,095	26,425	33,277	20,337	23,203	18,621	21,398	28,383	26,177	28,729	28,531
Korea, Republic of.....	699	(D)	1,141	1,299	1,229	996	1,701	2,281	375	252	238	827	300	322	374	385
Malaysia.....	642	1,136	(D)	1,391	(D)	1,034	1,597	2,094	124	180	162	272	328	292	(D)	(D)
New Zealand.....	394	848	1,175	1,075	1,056	869	(D)	(D)	19	15	14	20	47	51	23	24
Philippines.....	257	397	(D)	518	589	602	(D)	888	12	12	10	10	8	11	23	20
Singapore.....	1,733	2,234	2,492	3,103	3,670	3,166	4,608	5,383	112	188	244	343	1,761	1,038	879	979
Taiwan.....	1,898	2,473	3,028	3,362	3,965	4,190	(D)	(D)	148	283	310	386	581	636	582	694
Thailand.....	879	(D)	1,593	1,618	1,490	(D)	1,475	2,280	2	2	2	2	(*)	(*)	(*)	(*)
Other.....	(D)	(D)	(D)	172	254	464	(D)	(D)	(D)	(D)	134	(D)	(D)	213	(D)	(D)
International ⁴.....	2,738	2,523	2,531	2,567	2,930	2,495	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
United States ⁵.....	.....	.....	.....	.....	.....	.....	.....	.....	(D)	(D)	630	898	1,950	2,701	(D)	(D)
Addenda:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
European Union ⁶	72,315	76,497	99,012	121,510	140,471	156,068	187,730	194,034	64,243	71,319	76,612	83,987	114,106	127,698	159,017	200,654
Eastern Europe ⁷	53	423	438	577	834	1,601	2,838	3,468	10	12	20	22	20	34	55	53

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. For MOFA's, "country" is the country of the affiliate; for MOUSA's, it is the country of the affiliate's ultimate beneficial owner.

2. See table A, footnote 4.

3. See table A, footnote 3.

4. Foreign affiliates classified in "international" are those that have operations in more than one country and that are engaged in petroleum shipping, other water transportation, or operating movable oil- and gas-drilling equipment. Beginning with the estimates for 1999, BEA is no longer using the "international" category in tabulations of direct investment estimates. This change is being made to comply with international guidelines for the compilation of international transactions

and direct investment statistics set forth by the International Monetary Fund's *Balance of Payments Manual*, 5th ed. In accordance with the guidelines, affiliates formerly classified in "international" have been reclassified in the country of operator of the ship or equipment. In most cases the country of the operator is the same as the country of incorporation. In the few cases where the country of incorporation is the United States, the affiliates have been defined out of BEA's direct investment estimates.

5. Contains data for U.S. affiliates that have a foreign parent but whose ultimate beneficial owner is a U.S. person.

6. See table 2, footnote 2.

7. See table 2, footnote 3.

MNC Multinational company

MOFA Majority-owned foreign affiliate

MOUSA Majority-owned U.S. affiliate

Table 9.1. Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's, Industry of Affiliate by Country of Affiliate, 1999
 [Millions of dollars]

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries		
			Total	Of which:						Total	Of which:	
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
All industries	353,207	34,741	198,673	19,641	29,732	13,466	4,981	94,158	41,551	78,242	14,699	26,425
Manufacturing	10,757	2,095	6,467	865	(D)	159	4	(D)	1,330	866	206	108
<i>Of which:</i>												
Food	(D)	(D)	30	0	1	14	0	0	53	60	58	0
Chemicals	412	6	358	66	128	(*)	0	127	10	38	37	0
Primary and fabricated metals	98	1	85	2	5	16	0	39	12	0	0	0
Machinery	1,403	80	467	100	20	25	0	189	737	120	44	0
Computers and electronic products	6,855	(D)	4,674	640	(D)	0	2	142	(D)	149	10	41
Electrical equipment, appliances, and components	69	50	8	4	0	0	0	0	2	9	0	0
Transportation equipment	(D)	267	(D)	0	(D)	0	0	1	1	(D)	56	0
Wholesale trade	15,774	2,998	8,692	1,532	462	887	1,003	1,336	971	3,114	314	688
<i>Of which:</i>												
Motor vehicles and motor vehicle parts and supplies	13	11	2	0	0	0	2	0	0	0	0	0
Professional and commercial equipment and supplies	12,082	711	7,805	1,490	366	800	766	1,101	873	2,694	208	569
Retail trade	468	62	70	4	6	0	0	17	23	313	0	1
Information	61,888	3,124	39,917	3,008	9,121	3,483	1,490	14,701	9,186	9,661	2,347	(D)
Publishing industries	12,681	664	(D)	726	1,093	1,101	(D)	3,572	606	(D)	514	(D)
Newspaper, periodical, book, and database publishers	5,147	375	(D)	304	507	382	(D)	2,050	303	(D)	246	(D)
Software publishers	7,534	288	5,076	422	586	719	164	1,522	302	1,868	268	917
Motion picture and sound recording industries	8,646	912	5,657	703	799	1,454	51	1,630	510	1,567	377	(D)
Motion picture and video industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sound recording industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Broadcasting and telecommunications	25,853	325	14,583	658	(D)	390	(D)	4,751	7,186	3,759	667	335
Broadcasting, cable networks, and program distribution	(D)	0	1,857	264	5	(D)	(D)	667	236	(D)	216	6
Telecommunications	(D)	325	12,726	394	(D)	(D)	(D)	4,083	6,950	(D)	451	330
Information services and data processing services	14,708	1,224	(D)	921	(D)	538	770	4,749	884	(D)	789	438
Information services	3,884	(D)	(D)	124	(D)	155	(D)	1,400	303	679	(D)	(D)
Data processing services	10,824	(D)	8,054	797	1,318	383	(D)	3,348	581	(D)	(D)	(D)
Finance (except depository institutions) and insurance	84,496	7,794	37,314	1,436	6,487	905	446	(D)	12,620	26,768	2,047	13,646
Finance (except depository institutions)	31,641	3,068	19,705	685	719	(D)	(D)	15,379	2,884	5,985	1,604	2,425
Nondepository credit intermediation and related services	10,164	(D)	4,938	(D)	(D)	(D)	(D)	(D)	1,750	(D)	(D)	1,109
Securities, commodity contracts, and other intermediation and related activities	20,670	1,295	14,730	(D)	378	123	(D)	12,444	991	3,654	993	1,316
Funds, trusts, and other financial vehicles	807	(D)	37	1	(D)	0	0	(D)	143	(D)	(D)	0
Insurance carriers and related activities	52,855	4,726	17,609	751	5,767	(D)	(D)	(D)	9,736	20,783	443	11,220
Insurance carriers, except life insurance carriers	32,621	2,694	(D)	491	(D)	(D)	(D)	6,380	8,638	(D)	276	(D)
Life insurance carriers	18,010	1,869	1,737	(D)	0	0	(D)	1,118	1,022	13,383	(D)	4,556
Agencies, brokerages, and other insurance related activities	2,224	164	(D)	(D)	(D)	(D)	5	(D)	76	(D)	(D)	(D)
Real estate and rental and leasing	(D)	1,485	6,970	1,058	502	811	71	2,846	(D)	(D)	303	562
Real estate	(D)	134	640	248	25	10	(*)	331	(D)	145	(D)	(D)
Rental and leasing (except real estate)	(D)	1,351	6,330	810	477	801	71	2,515	(D)	(D)	(D)	(D)
Professional, scientific, and technical services	63,898	3,955	38,850	3,631	5,310	2,456	1,087	(D)	5,226	15,867	(D)	(D)
Architectural, engineering, and related services	11,939	1,434	7,879	652	396	721	23	4,950	456	2,170	817	51
Computer systems design and related services	(D)	1,249	15,889	1,388	2,486	1,191	207	(D)	2,564	(D)	(D)	6,337
Management, scientific, and technical consulting	(D)	462	5,471	463	1,030	192	568	1,747	1,176	(D)	357	329
Other	13,660	810	9,611	1,129	1,398	352	288	3,982	1,031	2,208	423	(D)
Legal services	821	7	604	159	60	0	1	281	2	208	13	48
Accounting, tax preparation, bookkeeping, and payroll services	423	(D)	156	70	0	0	0	(D)	19	(D)	(D)	(D)
Specialized design services	146	1	48	2	0	0	0	(D)	(D)	(D)	(D)	0
Scientific research and development services	(D)	(D)	1,692	183	226	53	90	701	(D)	(D)	87	(D)
Advertising and related services	(D)	433	5,647	631	859	230	(D)	2,349	651	(D)	199	255
Other professional, scientific, and technical services	2,330	79	1,463	84	254	70	(D)	570	251	537	29	78
Other industries	(D)	13,228	60,394	8,106	(D)	4,764	880	33,554	(D)	(D)	(D)	1,457
Agriculture, forestry, fishing, and hunting	112	21	21	0	0	0	0	5	55	15	8	0
Mining	8,959	1,882	2,869	42	40	342	(D)	1,698	2,589	1,619	180	6
Utilities	32,615	4,249	19,184	0	(D)	200	0	(D)	3,485	5,697	2,790	0
Construction ¹	711	118	(D)	0	2	0	0	(D)	0	197	193	0
Transportation and warehousing	17,355	2,008	7,343	533	1,535	643	201	2,570	2,067	5,936	281	450
<i>Of which:</i>												
Air transportation	(D)	76	(D)	(D)	(D)	(D)	(D)	(D)	99	(D)	(D)	(D)
Rail transportation	1,086	108	(D)	0	0	0	0	(D)	(D)	(D)	(D)	0
Water transportation	2,638	(D)	0	0	1	(D)	(D)	305	1,164	880	(D)	(D)
Truck transportation	1,353	578	142	0	(D)	0	0	92	(D)	0	0	6
Support activities for transportation	4,691	291	1,892	215	321	314	71	697	207	2,301	134	94
Management of companies and enterprises	742	18	436	26	(D)	6	0	162	108	181	(D)	(D)
Administration, support, and waste management	22,212	1,603	17,714	5,975	736	3,255	185	5,388	813	2,081	858	665
Administrative and support services	(D)	(D)	(D)	5,975	(D)	(D)	(D)	(D)	(D)	(D)	(D)	665
<i>Of which:</i>												
Employment services	10,862	587	8,975	(D)	419	424	(D)	2,579	270	1,031	464	(D)
Travel arrangement and reservation services	3,618	6	3,570	0	0	2,393	0	1,166	(D)	(D)	1	(D)
Waste management and remediation services	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Health care and social assistance	343	30	266	1	7	2	(D)	(D)	29	17	2	0
Accommodation and food services	(D)	2,335	8,184	710	1,818	56	237	3,242	(D)	3,638	1,248	15
Accommodation	(D)	489	2,215	(D)	203	51	(D)	953	580	(D)	222	15
Food services and drinking places	12,125	1,846	5,969	(D)	1,615	5	(D)	2,289	(D)	(D)	1,026	0
Miscellaneous services	(D)	963	(D)	(D)	586	(D)	85	1,747	322	(D)	489	(D)
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	18	88	(D)	(D)	(D)	97
Arts, entertainment, and recreation	1,020	135	636	23	(D)	(D)	(D)	396	55	194	(D)	(D)
Other services (except public administration and private households)	4,690	(D)	3,044	771	452	180	(D)	1,263	(D)	683	401	(D)

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 MNC Multinational company
 MOFA Majority-owned foreign affiliate

1. Because sales resulting from construction activities are recorded as sales of goods rather than as sales of services, the sales of services through MOFA's in construction represent sales in secondary, nonconstruction, industries. In 1999, sales of goods to foreign residents by MOFA's classified in construction were \$14.0 billion.

Table 9.2. Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's, Industry of Affiliate by Country of Affiliate, 2000
[Millions of dollars]

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries		
			Total	Of which:						Total	Of which:	
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
All industries	392,784	44,317	204,815	19,291	28,981	11,935	4,413	101,413	50,277	93,375	14,903	33,277
Manufacturing	9,532	1,960	5,598	710	2,717	102	17	598	1,218	756	148	124
Of which:												
Food	150	41	52	0	0	45	0	2	43	13	13	0
Chemicals	547	25	449	150	128	(*)	0	155	20	53	35	12
Primary and fabricated metals	80	1	73	7	3	0	0	60	6	0	0	0
Machinery	1,249	73	382	19	21	22	0	176	(D)	(D)	38	0
Computers and electronic products	5,839	(D)	3,876	469	(D)	0	17	130	(D)	459	10	59
Electrical equipment, appliances, and components	79	(D)	10	4	0	0	0	1	4	(D)	0	0
Transportation equipment	1,068	581	(D)	3	(D)	0	0	2	(D)	(D)	50	0
Wholesale trade	18,809	(D)	8,602	1,409	516	757	741	1,579	1,098	(D)	397	970
Of which:												
Motor vehicles and motor vehicle parts and supplies	(D)	6	(D)	(D)	0	0	0	(D)	0	(D)	0	(D)
Professional and commercial equipment and supplies	12,728	674	7,969	1,379	446	678	679	1,390	1,009	3,075	340	841
Retail trade	1,104	(D)	19	4	6	0	0	(*)	28	(D)	0	0
Information	66,038	3,779	(D)	2,674	9,094	4,415	1,015	15,433	10,914	(D)	2,678	3,336
Publishing industries	14,432	(D)	(D)	661	1,039	1,631	206	4,265	677	(D)	569	(D)
Newspaper, periodical, book, and database publishers	5,778	(D)	(D)	280	466	284	42	2,658	402	(D)	253	(D)
Software publishers	8,655	311	5,849	381	573	1,347	164	1,607	274	2,220	315	1,133
Motion picture and sound recording industries	(D)	1,042	5,749	673	756	1,671	58	1,528	606	(D)	361	1,157
Motion picture and video industries	7,457	(D)	4,778	592	(D)	1,625	29	(D)	474	(D)	291	(D)
Sound recording industries	(D)	(D)	971	81	(D)	46	29	(D)	131	404	70	(D)
Broadcasting and telecommunications	28,036	(D)	15,207	513	6,054	569	80	5,014	8,631	(D)	973	461
Broadcasting, cable networks, and program distribution	2,542	0	2,026	(D)	5	(D)	0	619	231	285	239	6
Telecommunications	25,494	(D)	13,181	(D)	6,049	(D)	80	4,395	8,400	(D)	734	454
Information services and data processing services	(D)	1,628	9,791	827	1,245	543	671	4,626	1,001	(D)	775	(D)
Information services	4,311	(D)	2,799	116	288	265	(D)	1,472	354	(D)	(D)	(D)
Data processing services	(D)	(D)	6,992	711	957	279	(D)	3,154	647	1,227	(D)	175
Finance (except depository institutions) and insurance	101,843	8,105	43,284	1,443	6,846	1,114	342	28,346	15,573	34,881	2,297	17,250
Finance (except depository institutions)	38,633	3,456	24,305	753	803	(D)	(D)	18,158	3,538	7,335	1,881	2,874
Nondepository credit intermediation and related services	11,847	(D)	5,929	547	(D)	(D)	(D)	3,588	1,876	(D)	875	1,191
Securities, commodity contracts, and other intermediation and related activities	25,565	1,645	18,195	206	420	364	164	14,556	1,502	4,222	655	1,683
Funds, trusts, and other financial vehicles	1,222	(D)	181	1	(D)	(D)	0	13	160	(D)	352	(*)
Insurance carriers and related activities	63,210	4,649	18,979	689	6,043	(D)	(D)	10,189	12,035	27,547	416	14,376
Insurance carriers, except life insurance carriers	36,025	(D)	14,608	309	5,836	18	(D)	7,325	10,432	(D)	234	(D)
Life insurance carriers	24,037	1,592	1,867	(D)	0	0	(D)	1,279	1,383	19,196	(D)	6,806
Agencies, brokerages, and other insurance related activities	3,148	(D)	2,505	(D)	207	(D)	(D)	1,585	221	(D)	(D)	(D)
Real estate and rental and leasing	11,427	1,545	7,758	1,587	581	834	49	2,829	996	1,127	335	482
Real estate	(D)	57	769	391	26	11	(*)	285	69	(D)	(D)	62
Rental and leasing (except real estate)	(D)	1,488	6,989	1,196	555	822	49	2,544	927	(D)	(D)	420
Professional, scientific, and technical services	69,696	5,007	39,310	3,618	4,839	2,026	1,163	(D)	5,603	19,775	(D)	(D)
Architectural, engineering, and related services	11,268	2,094	6,749	240	97	478	27	4,560	468	1,957	455	110
Computer systems design and related services	(D)	1,252	16,143	1,360	2,521	950	237	(D)	2,712	(D)	(D)	7,966
Management, scientific, and technical consulting	(D)	639	5,705	480	974	187	519	1,896	1,272	(D)	396	(D)
Other	15,625	1,023	10,712	1,539	1,247	411	379	4,166	1,152	2,738	366	546
Legal services	865	7	637	167	62	0	1	302	2	218	13	55
Accounting, tax preparation, bookkeeping, and payroll services	721	317	226	72	0	0	0	(D)	20	158	(D)	(D)
Specialized design services	98	1	59	2	0	0	0	(D)	7	31	(D)	0
Scientific research and development services	2,700	151	1,735	144	220	30	96	755	118	697	83	(D)
Advertising and related services	8,753	466	6,485	1,030	904	301	184	2,258	764	1,038	205	264
Other professional, scientific, and technical services	2,487	81	1,571	125	61	80	99	697	240	596	27	107
Other industries	114,335	(D)	(D)	7,846	4,382	2,688	1,086	(D)	14,846	(D)	(D)	(D)
Agriculture, forestry, fishing, and hunting	91	26	22	(D)	0	4	0	6	25	18	10	0
Mining	10,406	2,869	2,728	61	41	365	64	1,602	3,080	1,728	114	7
Utilities	39,187	6,958	22,042	0	(D)	(D)	0	20,728	4,916	5,271	2,136	0
Construction ¹	(D)	0	14	3	0	0	0	6	13	(D)	(D)	0
Transportation and warehousing	20,348	2,243	8,236	566	1,592	725	341	3,357	2,572	7,298	425	615
Of which:												
Air transportation	1,648	108	771	(D)	71	52	9	411	106	663	35	(D)
Rail transportation	1,500	(D)	1,050	0	0	0	0	1,050	(D)	131	131	0
Water transportation	4,013	21	820	0	1	(D)	139	354	1,413	1,759	44	13
Truck transportation	1,793	688	391	0	(D)	0	0	346	(D)	(D)	0	7
Support activities for transportation	4,568	342	1,905	292	269	350	89	581	296	2,025	140	(D)
Management of companies and enterprises	(D)	43	509	9	9	9	(*)	269	604	(D)	5	12
Administration, support, and waste management	(D)	1,967	(D)	5,562	557	589	219	4,035	836	2,318	958	822
Administrative and support services	17,164	(D)	(D)	5,562	557	589	219	4,035	817	(D)	956	822
Of which:												
Employment services	11,060	424	9,134	(D)	(D)	383	149	2,826	221	1,281	614	(D)
Travel arrangement and reservation services	68	6	15	0	0	0	0	3	22	25	1	24
Waste management and remediation services	(D)	(D)	0	0	0	0	0	0	19	(D)	3	0
Health care and social assistance	614	31	349	(D)	7	2	104	119	170	64	2	0
Accommodation and food services	(D)	2,646	8,274	795	1,692	70	240	3,340	2,209	(D)	1,119	17
Accommodation	(D)	615	2,271	(D)	199	65	(D)	985	636	(D)	194	17
Food services and drinking places	12,940	2,031	6,003	(D)	1,493	5	(D)	2,355	1,573	3,332	925	0
Miscellaneous services	(D)	(D)	4,039	821	(D)	(D)	117	(D)	422	1,343	446	(D)
Educational services	(D)	(D)	512	24	(D)	(D)	53	(D)	64	239	36	103
Arts, entertainment, and recreation	1,190	139	786	23	32	7	22	524	90	174	49	78
Other services (except public administration and private households)	4,785	845	2,741	774	359	247	42	1,071	268	930	361	(D)

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

MNC Multinational company

MOFA Majority-owned foreign affiliate

1. Because sales resulting from construction activities are recorded as sales of goods rather than as sales of services, the sales of services through MOFA's in construction represent sales in secondary, nonconstruction, industries. In 2000, sales of goods to foreign residents by MOFA's classified in construction were \$10.5 billion.

Table 10.1. Sales of Services to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, Industry of Affiliate by Country of UBO, 1999
[Millions of dollars]

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries			United States
			Total	Of which:						Total	Of which:		
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
All industries	293,485	47,438	187,596	21,436	29,467	32,759	23,105	65,683	12,567	(D)	8,062	28,729	(D)
Manufacturing	28,156	(D)	19,956	1,644	5,481	(D)	542	3,593	(D)	3,873	45	3,510	9
<i>Of which:</i>													
Food	(D)	2	(D)	0	0	0	0	(D)	2	68	0	56	0
Chemicals	1,784	1	1,535	238	1	4	(D)	(D)	0	249	0	36	0
Primary and fabricated metals	96	4	45	0	10	0	0	8	30	17	0	17	0
Machinery	1,740	12	1,569	(D)	239	26	59	80	0	159	0	113	0
Computers and electronic products	6,392	(D)	1,412	585	70	(D)	37	(D)	237	(D)	0	(D)	0
Electrical equipment, appliances, and components	182	0	182	0	0	0	173	6	0	0	0	0	0
Transportation equipment	5,561	73	5,461	30	(D)	0	0	119	0	28	0	28	0
Wholesale trade	12,781	(D)	4,218	52	1,920	480	186	1,372	123	(D)	24	5,829	0
<i>Of which:</i>													
Motor vehicles and motor vehicle parts and supplies	(D)	0	(D)	0	(D)	0	0	0	0	(D)	0	(D)	0
Professional and commercial equipment and supplies	2,951	0	(D)	0	16	(D)	0	(D)	0	(D)	0	1,691	0
Retail trade	399	24	210	3	0	76	6	26	(D)	(D)	0	99	0
Information	45,450	9,448	23,690	242	(D)	1,583	3	16,814	8,454	(D)	(D)	2,009	(D)
<i>Of which:</i>													
Publishing industries	15,589	(D)	10,463	141	(D)	(D)	1	5,207	18	(D)	(D)	(D)	8
Newspaper, periodical, book, and database publishers	13,389	(D)	8,627	(D)	(D)	(D)	1	4,415	(*)	(D)	(D)	(D)	0
Software publishers	2,200	149	1,836	(D)	(D)	(D)	0	792	4	189	4	121	8
Motion picture and sound recording industries	12,584	(D)	2,606	26	2	530	0	(D)	10	(D)	(D)	(D)	(*)
Motion picture and video industries	9,184	(D)	(D)	26	1	(D)	0	(D)	10	(D)	(D)	(D)	(*)
Sound recording industries	3,399	(D)	(D)	0	1	(D)	0	(D)	0	3	0	3	0
Broadcasting and telecommunications	13,255	2,342	6,781	(D)	(D)	51	1	(D)	(D)	311	7	133	(D)
Broadcasting, cable networks, and program distribution	160	(D)	(*)	0	0	(*)	0	0	(D)	17	5	(D)	0
Telecommunications	13,095	(D)	6,781	(D)	(D)	51	1	(D)	(D)	294	2	(D)	(D)
Information services and data processing services	4,022	9	3,840	(D)	1	(D)	(*)	3,115	1	173	4	169	0
Information services	3,815	0	3,749	0	1	(D)	(*)	3,055	1	66	4	62	0
Data processing services	207	9	91	(D)	0	0	0	59	0	107	0	107	0
Finance (except depository institutions) and insurance	93,797	16,506	72,160	11,450	10,616	14,877	16,108	17,284	2,436	(D)	435	1,888	(D)
<i>Of which:</i>													
Finance (except depository institutions)	15,318	2,097	11,314	1,758	1,254	1,491	3,310	2,828	78	(D)	(D)	1,269	(D)
Nondepository credit intermediation and related services	829	262	248	21	(D)	93	9	39	8	312	(D)	88	0
Securities, commodity contracts, and other intermediation and related activities	14,460	1,835	11,058	1,737	(D)	1,390	3,301	2,790	61	(D)	24	1,169	(D)
Funds, trusts, and other financial vehicles	29	0	8	0	(*)	8	(*)	(*)	9	12	0	12	0
Insurance carriers and related activities	78,479	14,409	60,846	9,692	9,362	13,386	12,798	14,455	2,358	(D)	(D)	619	(D)
Insurance carriers, except life insurance carriers	34,424	(D)	28,510	1,457	(D)	(D)	6,889	(D)	2,355	(D)	(D)	(D)	(D)
Life insurance carriers	39,620	(D)	28,073	(D)	(D)	(D)	(D)	(D)	0	(D)	(*)	(D)	0
Agencies, brokerages, and other insurance related activities	4,435	(D)	4,263	(D)	0	0	0	(D)	3	(D)	(D)	5	0
Real estate and rental and leasing	17,760	2,829	6,770	530	1,715	943	175	2,082	799	7,268	929	4,220	94
<i>Of which:</i>													
Real estate	14,046	2,659	3,972	194	1,559	(D)	175	735	784	6,539	(D)	3,871	93
Rental and leasing (except real estate)	3,714	171	2,798	337	157	(D)	1	1,347	15	729	(D)	349	1
Professional, scientific, and technical services	15,421	1,199	11,838	4,173	535	1,777	155	3,829	282	1,978	26	1,402	123
<i>Of which:</i>													
Architectural, engineering, and related services	3,880	253	3,252	510	448	379	0	814	3	372	0	144	0
Computer systems design and related services	4,312	442	2,565	819	22	(D)	1	219	27	(D)	26	993	(D)
Management, scientific, and technical consulting	585	6	337	147	41	0	0	136	227	13	0	12	3
Other	6,644	499	5,685	2,697	23	(D)	(D)	2,659	25	(D)	(*)	253	(D)
<i>Of which:</i>													
Legal services	21	(D)	0	0	0	0	0	12	0	0	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services	(D)	0	(D)	0	0	0	0	0	0	0	0	0	0
Specialized design services	26	0	17	0	0	0	17	0	0	9	0	9	0
Scientific research and development services	658	136	337	7	23	(D)	(D)	147	11	172	(*)	157	1
Advertising and related services	5,219	197	4,807	(D)	0	(*)	5	2,187	0	(D)	(*)	59	(D)
Other professional, scientific, and technical services	(D)	(D)	(D)	(D)	(*)	0	15	313	14	(D)	(*)	28	(D)
Other industries	79,720	13,105	48,754	3,341	(D)	(D)	5,929	20,683	3,605	13,964	(D)	9,771	293
<i>Of which:</i>													
Agriculture, forestry, fishing, and hunting	80	22	36	(*)	3	8	6	19	11	10	7	(*)	0
Mining	2,492	177	278	60	53	3	(*)	7	(D)	(D)	149	(*)	0
Utilities	19,073	2,718	13,750	1,337	1	(D)	0	(D)	(D)	(D)	0	(D)	0
Construction ¹	2,499	12	2,085	2	(D)	0	0	(D)	29	374	0	(D)	0
Transportation and warehousing	18,932	4,327	9,877	150	660	(D)	(D)	4,277	484	(D)	7	2,506	(D)
<i>Of which:</i>													
Air transportation	172	(D)	68	14	(*)	(D)	(*)	6	2	(D)	0	59	0
Rail transportation	1,965	(D)	(D)	0	1	0	0	68	(D)	1	0	(*)	0
Water transportation	2,228	80	(D)	2	2	(*)	(D)	(D)	317	(D)	0	82	2
Truck transportation	2,200	(D)	(D)	0	0	0	0	(D)	0	0	0	0	0
Support activities for transportation	7,880	83	4,947	(D)	535	(D)	214	985	(D)	(D)	1	1,712	0
Management of companies and enterprises	(D)	0	(D)	(*)	0	(D)	0	0	0	(*)	0	(*)	0
Administration, support, and waste management	13,649	1,419	11,283	571	412	1,790	4,444	3,158	49	(D)	0	645	(D)
Administrative and support services	(D)	(D)	(D)	(D)	412	1,790	4,444	3,158	49	(D)	0	639	(D)
<i>Of which:</i>													
Employment services	7,493	0	7,482	4	25	(D)	4,435	1,586	0	11	0	11	0
Travel arrangement and reservation services	2,295	15	1,438	421	228	(D)	1	421	13	(D)	0	580	(D)
Waste management and remediation services	(D)	(D)	(D)	0	0	0	0	0	5	0	0	5	0
Health care and social assistance	5,233	1,178	(D)	3	(D)	2	0	0	(D)	(D)	(D)	(*)	0
Accommodation and food services	13,433	(D)	6,444	1,170	111	(D)	(D)	2,563	712	(D)	1	2,945	4
Accommodation	(D)	272	1,921	1,144	72	32	51	(D)	589	(D)	1	2,487	(*)
Food services and drinking places	(D)	(D)	4,524	26	39	(D)	(D)	(D)	123	(D)	(*)	458	3
Miscellaneous services	(D)	(D)	(D)	48	43	71	8	950	45	(D)	214	(D)	(*)
Educational services	355	2	149	12	18	0	0	(D)	11	194	0	187	0
Arts, entertainment, and recreation	2,060	686	528	18	17	71	2	391	25	820	203	463	(*)
Other services (except public administration and private households)	(D)	(D)	(D)	17	8	0	6	(D)	9	(D)	10	(D)	0

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

MNC Multinational company

MOUSA Majority-owned U.S. affiliate

UBO Ultimate beneficial owner

1. Because sales resulting from construction activities are recorded as sales of goods rather than as sales of services, the sales of services through MOUSA's in construction represent sales in secondary, non-construction industries. In 1999, sales of goods to U.S. residents by MOUSA's classified in construction were estimated to be \$24.7 billion. These sales of goods were estimated by subtracting exports of goods from the total sales of goods.

Table 10.2. Sales of Services to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, Industry of Affiliate by Country of UBO, 2000
[Millions of dollars]

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries			United States
			Total	Of which:						Total	Of which:		
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
All industries	346,669	51,328	233,282	30,098	43,767	40,160	31,152	73,093	13,971	(D)	8,731	28,531	(D)
Manufacturing	41,593	1,394	31,853	2,565	(D)	(D)	589	4,228	(D)	(D)	61	(D)	9
<i>Of which:</i>													
Food	(D)	2	(D)	0	0	0	0	(D)	2	75	0	61	0
Chemicals.....	1,276	1	(D)	(D)	26	14	276	48	0	(D)	0	18	0
Primary and fabricated metals.....	722	(D)	405	0	(D)	0	0	20	30	(D)	0	20	0
Machinery.....	3,109	13	2,937	(D)	124	37	74	1,099	0	159	0	109	0
Computers and electronic products.....	8,088	(D)	2,227	524	79	217	2	(D)	63	(D)	0	(D)	0
Electrical equipment, appliances, and components.....	(D)	0	(D)	0	(D)	0	223	11	(D)	0	0	0	0
Transportation equipment.....	(D)	76	(D)	47	(D)	0	0	135	0	47	0	47	0
Wholesale trade	10,244	139	4,348	43	762	519	224	2,120	165	5,592	26	5,379	0
<i>Of which:</i>													
Motor vehicles and motor vehicle parts and supplies.....	(D)	0	33	0	33	0	0	0	0	(D)	0	(D)	0
Professional and commercial equipment and supplies.....	2,960	0	1,436	0	17	(D)	0	914	0	1,524	0	1,501	0
Retail trade	409	22	203	6	0	83	0	26	(D)	(D)	0	70	0
Information	47,977	10,167	24,750	820	(D)	1,755	20	15,801	(D)	(D)	(D)	1,737	1,142
Publishing industries.....	17,542	(D)	13,155	710	(D)	353	(D)	6,078	19	(D)	41	180	9
Newspaper, periodical, book, and database publishers.....	15,248	(D)	11,300	(D)	(D)	(D)	(D)	5,284	(*)	(D)	(D)	46	0
Software publishers.....	2,294	171	1,854	(D)	(D)	(D)	(*)	794	19	240	(D)	133	9
Motion picture and sound recording industries.....	12,439	(D)	603	28	(D)	(D)	0	(D)	10	(D)	(D)	(D)	(*)
Motion picture and video industries.....	(D)	(D)	(D)	28	(D)	(D)	0	(D)	10	(D)	(D)	(D)	(*)
Sound recording industries.....	(D)	(D)	0	1	(D)	0	0	(D)	0	3	0	3	0
Broadcasting and telecommunications.....	13,009	(D)	(D)	72	(D)	69	1	(D)	(D)	312	8	117	1,133
Broadcasting, cable networks, and program distribution.....	169	(*)	(*)	0	0	(*)	0	0	(D)	(D)	6	(D)	0
Telecommunications.....	12,840	(D)	(D)	72	(D)	69	1	(D)	(D)	(D)	2	(D)	1,133
Information services and data processing services.....	4,987	9	(D)	10	1	(D)	(D)	2,985	1	(D)	4	(D)	0
Information services.....	4,683	(*)	3,987	0	1	(D)	(D)	(D)	1	695	4	676	0
Data processing services.....	304	9	(D)	10	0	0	0	(D)	0	(D)	0	(D)	0
Finance (except depository institutions) and insurance	107,392	16,753	85,396	8,891	14,369	19,797	21,121	19,450	2,268	(D)	483	2,146	(D)
Finance (except depository institutions).....	28,195	4,376	21,600	2,328	4,096	1,886	9,080	3,971	67	(D)	(D)	1,475	(D)
Nondepository credit intermediation and related services.....	1,076	332	360	22	(D)	82	10	144	8	375	(D)	143	0
Securities, commodity contracts, and other intermediation and related activities.....	27,072	4,044	21,228	2,306	(D)	1,796	9,070	3,825	49	(D)	16	1,306	(D)
Funds, trusts, and other financial vehicles.....	47	0	12	0	(*)	8	(*)	3	10	26	0	26	0
Insurance carriers and related activities.....	79,197	12,377	63,795	6,563	10,273	17,911	12,041	15,478	2,201	(D)	(D)	672	(D)
Insurance carriers, except life insurance carriers.....	37,498	2,919	31,897	1,475	(D)	(D)	7,403	(D)	2,199	(D)	(D)	(D)	(D)
Life insurance carriers.....	37,268	(D)	27,676	(D)	(D)	(D)	(D)	(D)	0	(D)	(*)	(D)	0
Agencies, brokerages, and other insurance related activities.....	4,431	(D)	4,222	(D)	0	0	(D)	(D)	3	(D)	(D)	5	0
Real estate and rental and leasing	18,150	2,887	7,616	477	2,052	1,016	198	1,939	935	6,585	964	3,426	126
Real estate.....	14,249	2,738	4,650	202	(D)	931	198	937	915	5,818	619	3,055	125
Rental and leasing (except real estate).....	3,900	149	2,966	275	(D)	84	1	1,002	16	767	346	371	2
Professional, scientific, and technical services	25,836	1,537	21,831	13,078	351	1,315	172	5,440	316	1,959	28	1,260	194
Architectural, engineering, and related services.....	4,170	276	3,535	661	216	510	0	1,023	4	356	0	74	0
Computer systems design and related services.....	4,209	594	2,288	855	24	(D)	1	498	29	(D)	28	951	(D)
Management, scientific, and technical consulting.....	3,531	6	3,256	(D)	85	(D)	14	563	254	11	0	9	3
Other.....	13,927	660	12,753	(D)	26	(D)	157	3,357	29	(D)	(*)	226	(D)
Legal services.....	23	(D)	0	0	0	0	0	13	0	0	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services.....	39	2	37	4	0	0	27	0	0	0	0	0	0
Specialized design services.....	29	0	19	0	0	0	18	1	0	10	0	10	0
Scientific research and development services.....	701	138	377	8	26	(D)	(D)	159	12	174	(*)	155	1
Advertising and related services.....	12,068	245	11,565	(D)	0	(*)	6	2,717	0	(D)	(*)	31	(D)
Other professional, scientific, and technical services.....	1,066	(D)	(D)	(D)	(*)	0	(D)	466	17	41	(*)	30	0
Other industries	95,068	18,429	57,286	4,217	6,366	(D)	8,828	24,090	4,564	14,507	(D)	(D)	282
Agriculture, forestry, fishing, and hunting.....	74	0	48	(*)	7	29	5	6	13	12	8	(*)	0
Mining.....	3,412	175	362	65	121	4	5	24	(D)	(D)	160	(*)	0
Utilities.....	21,899	(D)	11,756	1,685	1	10	0	10,007	61	(D)	0	(D)	0
Construction ¹	2,102	(D)	1,415	2	(D)	0	0	176	42	(D)	0	(D)	0
Transportation and warehousing.....	23,933	4,759	13,159	(D)	1,799	3,081	760	5,958	522	(D)	8	2,592	(D)
<i>Of which:</i>													
Air transportation.....	167	13	61	15	(*)	(*)	(*)	6	2	91	0	57	0
Rail transportation.....	2,038	(D)	0	0	1	0	0	69	53	1	0	(*)	0
Water transportation.....	2,539	86	1,430	2	2	(*)	142	1,235	342	679	0	76	2
Truck transportation.....	985	(D)	0	0	0	0	0	(D)	0	0	0	0	0
Support activities for transportation.....	10,309	87	6,073	(D)	1,572	2,832	217	850	111	4,038	1	1,863	0
Management of companies and enterprises.....	154	0	154	0	0	154	0	0	0	0	0	0	0
Administration, support, and waste management.....	18,143	249	17,110	700	288	2,448	(D)	3,502	(D)	471	0	465	(D)
Administrative and support services.....	18,003	244	16,980	571	288	2,448	(D)	3,502	(D)	465	0	460	(D)
<i>Of which:</i>													
Employment services.....	10,658	0	10,646	4	27	1,697	(D)	1,736	0	12	0	12	0
Travel arrangement and reservation services.....	2,080	16	1,395	454	3	375	1	510	37	394	0	392	238
Waste management and remediation services.....	140	5	129	129	0	0	0	0	0	6	0	6	0
Health care and social assistance.....	5,656	1,189	(D)	3	(D)	2	0	0	(D)	(D)	(D)	(*)	0
Accommodation and food services.....	15,380	(D)	8,323	(D)	141	(D)	(D)	3,819	723	(D)	1	2,891	4
Accommodation.....	(D)	77	4,001	(D)	99	35	107	(D)	546	(D)	1	2,282	(*)
Food services and drinking places.....	(D)	(D)	4,322	28	42	(D)	(D)	(D)	176	(D)	(*)	609	4
Miscellaneous services.....	4,315	(D)	(D)	51	50	79	19	599	49	(D)	231	711	(*)
Educational services.....	299	2	87	13	20	0	0	5	12	198	0	191	0
Arts, entertainment, and recreation.....	2,588	1,315	414	20	22	79	2	230	27	833	220	475	(*)
Other services (except public administration and private households).....	1,427	(D)	(D)	19	9	0	17	363	10	(D)	11	46	0

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

MNC Multinational company

MOUSA Majority-owned U.S. affiliate

UBO Ultimate beneficial owner

1. Because sales resulting from construction activities are recorded as sales of goods rather than as sales of services, the sales of services through MOUSA's classified in construction represent sales in secondary, nonconstruction industries. In 2000, sales of goods to U.S. residents by MOUSA's in construction were estimated to be \$25.1 billion. These sales of goods were estimated by subtracting exports of goods from the total sales of goods.