

## U.S. International Services

### Cross-Border Trade in 2002 and Sales Through Affiliates in 2001

By Maria Borga and Michael Mann

LIKE previous articles in this series, this article examines international sales of services from a dual perspective. It considers services trade not only in the conventional sense of exports and imports that cross borders, but also in the sense of services sold by locally established affiliates of multinational firms. This broader concept of “trade” has been adopted for this article in recognition of the key role that has been assumed in the delivery of services internationally by affiliates that are located within—but owned outside—the markets they serve. It is also consistent with the way that many firms view their worldwide operations.

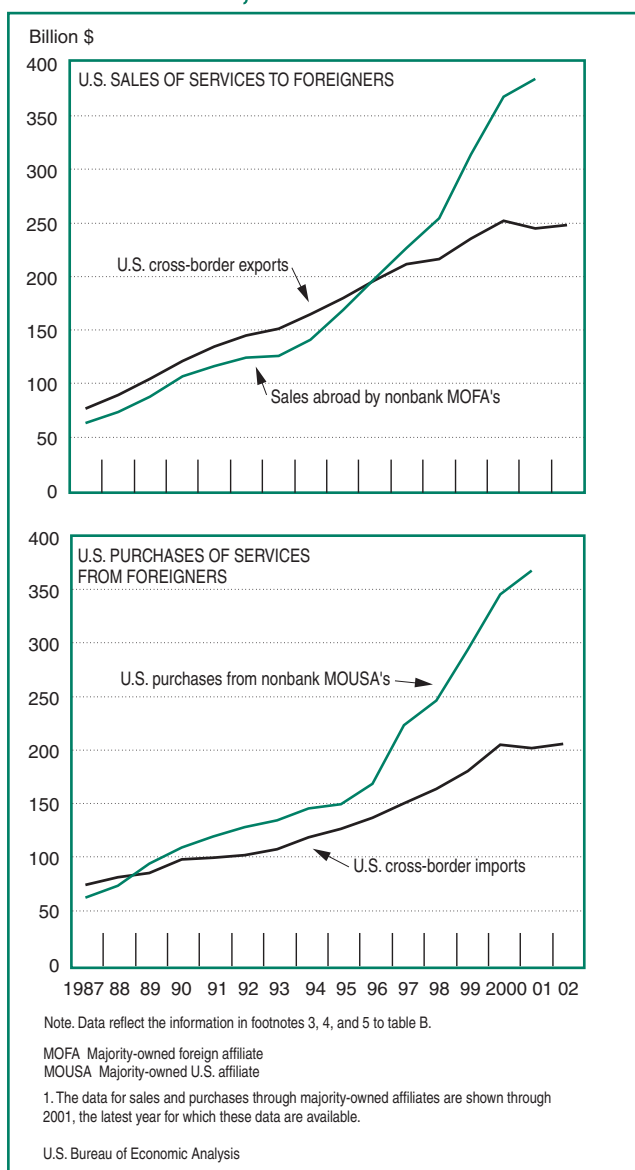
Transactions that cross borders are perhaps the better known and more widely publicized channel of delivery, but in recent years, most services delivered to the U.S. market from abroad and from the U.S. market to foreign countries have been delivered through affiliates. In both 2000 and 2001, for example, services delivered through affiliates exceeded cross-border trade in services by wide margins (table A and chart 1).

In contrast to its persistent deficit on cross-border trade in goods, the United States has run regular surpluses on cross-border trade in services. In 2002, cross-border exports of services, at \$280 billion, exceeded cross-border imports by \$74 billion, virtually the same difference as in 2001. In addition, sales of services abroad by foreign affiliates of U.S. companies have regularly exceeded sales in the United States by U.S. affiliates of foreign companies. In 2001 (the most recent

year that data are available), foreign affiliates’ sales, at \$432 billion, were \$65 billion larger than the sales by U.S. affiliates; in 2000, foreign affiliates’ sales exceeded U.S. affiliates’ sales by an even larger amount—\$70 billion.

Sales through affiliates have not only been larger

**Chart 1. U.S. International Sales and Purchases of Private Services, 1987–2002<sup>1</sup>**



than sales across borders in recent years, but they have also tended to grow faster. In 2000, both U.S. sales to foreigners through affiliates and foreigners' sales to the United States through affiliates grew faster than the corresponding measures for cross-border exports and imports (table B). In 2001, both cross-border exports and imports declined, but sales through affiliates continued to grow.

In 2002, U.S. cross-border exports and imports grew slowly: Exports increased 1 percent after falling 3 percent in 2001, and imports increased 2 percent after falling 2 percent. For both exports and imports, increases occurred in both royalties and license fees and

in "other private services" (which includes services such as education, financial services, insurance, and business, professional, and technical services). The increases reflect pickups in economic activity in the United States and in many major foreign countries. Furthermore, insurance services increased strongly, largely reflecting the impact of higher premium rates that were prompted partly by the September 11<sup>th</sup> terrorist attacks and partly by weakening returns on investments. For both exports and imports, travel services and passenger fares decreased. The decreases reflect the lingering effects of the terrorist attacks; in 2002, these services remained below their preattack levels.

In 2001, sales of services by foreign affiliates of U.S. companies grew 5 percent, and sales of services by U.S. affiliates of foreign companies grew 7 percent. Although representing a significant expansion, these rates were well below those recorded in 2000, when sales of services by foreign affiliates and by U.S. affiliates each increased 17 percent. The slowdowns in 2001 reflected slower growth in the U.S. economy and in the economies of many of the countries that are significant markets for foreign affiliates of U.S. multinational companies. A sharp falloff in cross-border merger and acquisition activity in 2001 also contributed to the slowdowns. From 1998 to 2000, sales by newly acquired businesses accounted for much of the growth in the sales of services by affiliates, as cross-border mergers and acquisitions boomed. Merger activity had been particularly strong in industries with large sales of services, such as telecommunications, utilities, insurance, finance, and computer services. In 2001, there were fewer acquisitions to fuel the growth in sales of services.

This article presents detailed preliminary estimates of U.S. cross-border exports and imports of private services in 2002 and revised estimates for 1992–2001. It also presents preliminary estimates of U.S. sales of services through, and purchases of services from, non-bank majority-owned affiliates of multinational companies in 2001 and revised estimates for 2000. 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.<sup>1</sup> Sales of services through non-bank majority-owned affiliates of multinational companies represent services sold in international markets through the channel of direct investment (see the box

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

	Through cross-border trade <sup>1</sup>		Through nonbank majority-owned affiliates <sup>2</sup>	
	U.S. exports (receipts)	U.S. imports (payments)	Sales to foreign persons by foreign affiliates of U.S. companies <sup>3</sup>	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 .....	163.6	102.0	140.6	128.0
1993 .....	171.1	107.8	142.6	134.7
1994 .....	186.1	118.3	159.1	145.4
1995 .....	203.1	126.8	190.1	149.7
1996 .....	221.4	136.9	223.2	168.4
1997 .....	237.9	150.0	255.3	( <sup>4</sup> ) 223.1
1998 .....	243.8	163.6	286.1	245.5
1999 .....	264.7	180.5	( <sup>5</sup> ) 353.2	293.5
2000 .....	283.5	204.7	413.5	344.4
2001 .....	275.5	201.6	432.2	366.9
2002 .....	279.5	205.2	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 .....	7.3	2.1	6.8	7.1
1993 .....	4.6	5.7	1.5	5.3
1994 .....	8.8	9.8	11.6	8.0
1995 .....	9.1	7.1	19.4	2.9
1996 .....	9.0	8.0	17.4	12.5
1997 .....	7.4	9.6	14.4	( <sup>4</sup> )
1998 .....	2.5	9.1	12.0	10.1
1999 .....	8.6	10.4	( <sup>5</sup> )	19.6
2000 .....	7.1	13.4	17.1	17.3
2001 .....	-2.8	-1.5	4.5	6.5
2002 .....	1.5	1.8	n.a.	n.a.

n.a. Not available.

1. The estimates for 1992–2001 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, 1992–2002," *SURVEY OF CURRENT BUSINESS* 83 (July 2003): 32–45.

2. The estimates for 2000 are revised from those published in last year's article in this series. The estimates for 2001 are preliminary.

3. 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.

4. 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](http://www.bea.gov).

5. Beginning in 1999, sales by foreign 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 Foreign Affiliates" in the November 2001 Survey, page 58, available at [www.bea.gov](http://www.bea.gov).

1. In the quarterly articles on 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 details.

“Channels of Delivery of Services Sold in International Markets”).<sup>2</sup> The estimates are drawn from larger data sets on affiliate operations that are presented in annual articles on the operations of U.S. multinational companies and of U.S. affiliates of foreign companies.<sup>3</sup>

2. These data cover *all* the sales of services by nonbank majority-owned affiliates, irrespective of the percentage of foreign ownership. 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. The data are limited to nonbank affiliates because bank affiliates were not required to report annual data on sales of services to BEA. (However, banks will report their sales of services on the 2002 benchmark survey of foreign direct investment in the United States. See the box “Ongoing Efforts to Improve the Estimates of International Services” on page 62.)

3. See Raymond J. Mataloni, Jr., “Operations of U.S. Multinational Companies: Operations in 2000,” *SURVEY OF CURRENT BUSINESS* 82 (December 2002): 111–131, and William J. Zeile, “U.S. Affiliates of Foreign Companies: Operations in 2001,” *SURVEY* 83 (August 2003): 38–56. An article covering the 2001 operations of U.S. multinational companies will be published in the November 2003 *SURVEY*.

As noted earlier, services delivered through non-bank majority-owned affiliates exceeded those delivered through cross-border trade in 2001. Because of differences in coverage and measurement, comparisons between these two channels of delivery cannot be precise, but the substantial differences clearly indicate that delivery through affiliates was the larger channel for both U.S. sales and U.S. purchases of private ser-

#### Data Availability

The estimates of cross-border trade for 1986–2002 and the estimates of sales through majority-owned affiliates for 1989–2001 are available as files that can be downloaded from BEA's Web site. To access these files, go to <[www.bea.gov](http://www.bea.gov)>, click on “More” under “International,” and look under “International services.”

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

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.<sup>1</sup> 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.)

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).

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.

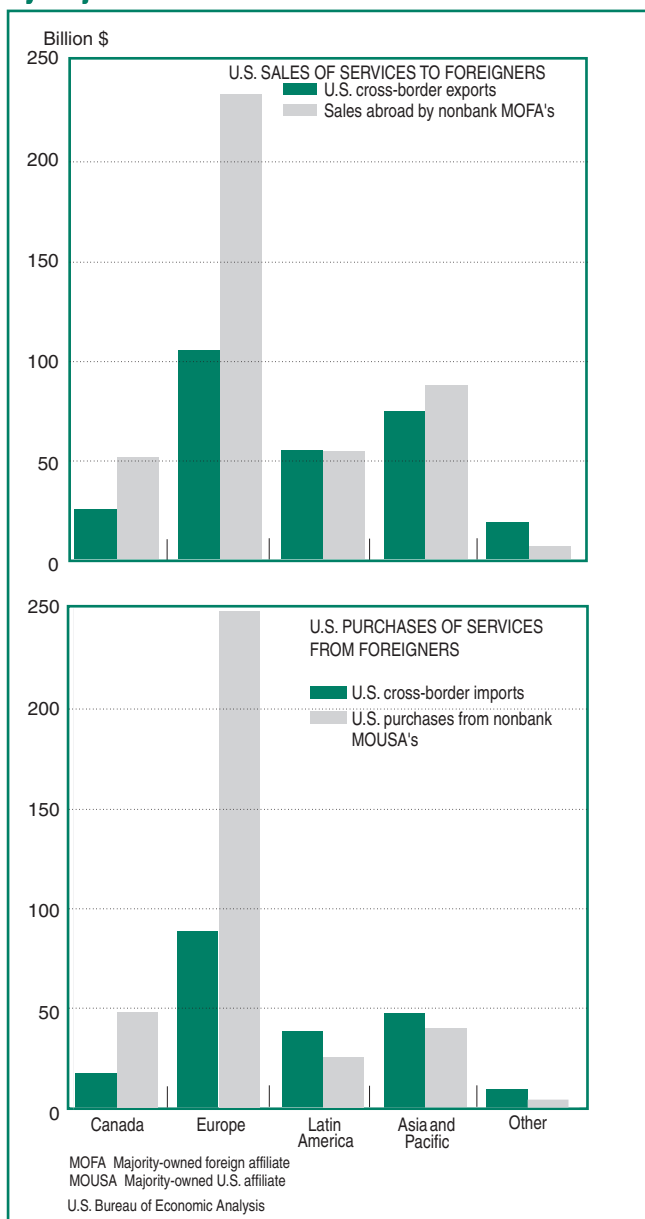
To obtain a complete picture of the services transactions of affiliates, it would be necessary to examine not only their sales of services, as in this article, but also their purchases of services, both in their countries of location and elsewhere. However, the only available data on their purchases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

vices.<sup>4</sup> The use of each channel of delivery for 2001 is

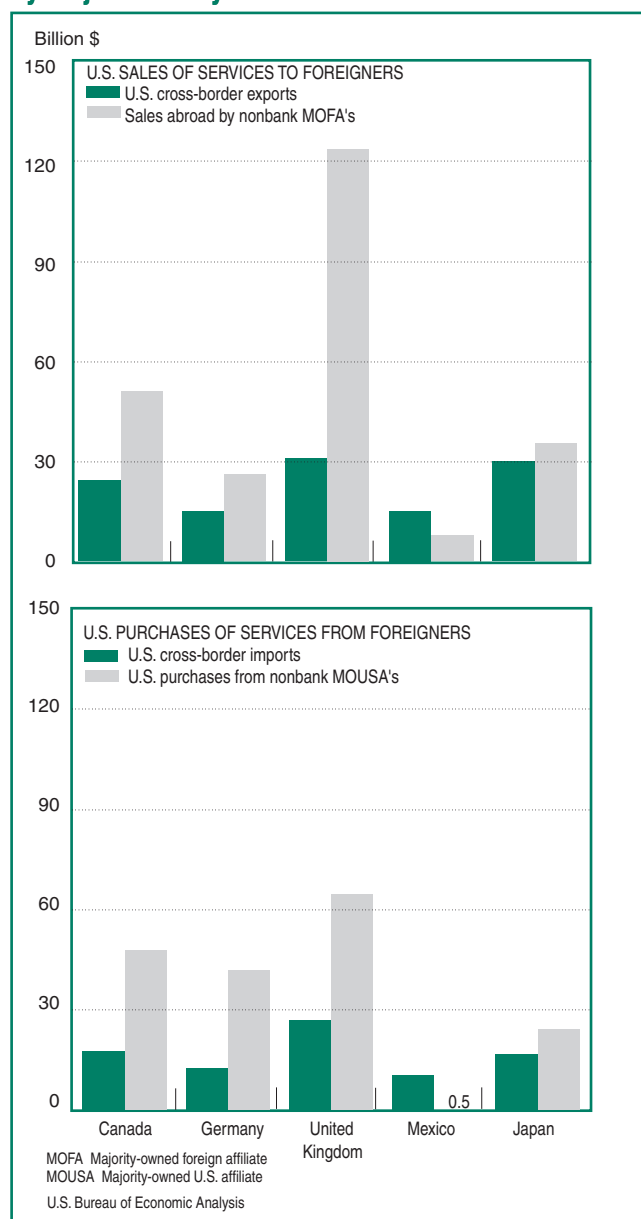
4. An example of a difference in coverage is that the estimates of cross-border exports and imports include services provided by banks, while those of sales through affiliates cover only nonbank affiliates. An example of a difference in measurement is that cross-border exports and imports of primary insurance and reinsurance services largely reflect premiums minus "normal" losses, while sales of services by affiliates in insurance largely reflect premium income with no deductions for losses; this difference tends to exaggerate the relative importance of sales through affiliates. (BEA is using a new method for estimating cross-border trade in insurance services; see the appendix "Improvements to BEA's Estimates of International Services, 1990–2003" on page 74.) BEA has also begun implementing changes to the measurement and coverage of selected services to improve the comparability of the two series; for details, see the box "Ongoing Efforts to Improve the Estimates of International Services" on page 62.

shown for major geographic areas in chart 2 and for 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.

**Chart 2. U.S. Sales and Purchases of Services by Major Area in 2001**



**Chart 3. U.S. Sales and Purchases of Services by Major Country in 2001**



### Ongoing Efforts to Improve the Estimates of International Services

As part of its ongoing effort to improve the data on international services, BEA has initiated several changes in data collection that will lead to improved estimates of both cross-border trade in services and of sales of services through affiliates. Several of these changes implement proposals that were presented in Obie G. Whichard and Maria Borga, "Selected Issues in the Measurement of U.S. International Services," *SURVEY OF CURRENT BUSINESS* 82 (June 2002): 36–56.

#### Cross-border trade

**Implicit services.** Just as charges for the services associated with checking accounts would be imposed or would be higher if banks could not lend or invest the funds of their depositors, insurance premiums would be higher if insurance companies were unable to earn income on funds held in reserve against future claims. In recognition of this fact, the 1993 System of National Accounts (SNA) included income that may be earned from the investment of reserves in its recommended measure of output for the insurance industry. The income is treated as accruing to the policyholders, who pay it back to insurers as supplements to premiums; thus, the measure of insurance services exported and imported is raised.

When the results of the 2003 comprehensive revision of the national income and products accounts are released in December 2003, the value of the expected income on the funds on which insurance policymakers have claim will be included in the estimates of insurance industry output. This methodology will be reviewed for possible use in the 2004 annual revision of the international transactions accounts.

**Medical services.** Estimates of medical services receipts are currently based on information provided to BEA voluntarily by state regulatory agencies, hospital associations, and hospitals. To improve these estimates, in its annual survey of services transactions, BEA has begun collecting data on medical services receipts (payments are not covered but are believed to be small). This item covers services provided to foreign residents at U.S. hospitals for inpatient services and "other medical services," including outpatient care to foreign patients in the United States. "Other medical services" also includes remote diagnostic and remote monitoring (telemedicine) services provided from the United States to patients, practitioners, and medical institutions in foreign countries and the services of medical laboratories.

**Quarterly surveys.** BEA has designed and submitted additional quarterly surveys of services to the Office of Management and Budget for clearance in order to begin conducting these surveys in 2004. Until now, most BEA surveys of services have been conducted on an annual basis.

Data collected on these quarterly surveys, which will cover many of the largest and most volatile types of services, will replace the data currently collected on annual surveys; the information collected will not change. The quarterly surveys will improve the reliability of BEA's quarterly estimates of the Nation's international transactions accounts and gross domestic product because international services transactions are an important component of both. The quarterly surveys will also provide more reliable and timely information on services transactions to support U.S. international economic policy, including trade promotions and trade negotiations.

#### Sales through affiliates

In the 2002 benchmark survey of foreign direct investment in the United States (FDIUS), which is currently being conducted,

BEA is collecting data that will provide the basis for improved estimates of insurance services, of sales of services through bank affiliates, and of services provided by wholesale and retail trade affiliates. If the initial data collection efforts are successful, BEA will consider including these items on the follow-on annual surveys of FDIUS and the surveys of U.S. direct investment abroad (USDIA), beginning with the 2004 benchmark survey of USDIA.

**Insurance.** Currently, the estimates of insurance services provided by U.S. affiliates represent revenues generated by affiliates' operations in the insurance industry. These estimates largely represent premiums earned with no deduction for losses. In contrast, cross-border trade in insurance services is measured as premiums earned less "normal" losses. Because of this difference, the current measure of the sales of services through affiliates in insurance exaggerates the relative importance of sales through affiliates as a channel of delivery for international services when compared with cross-border transactions.

The 2002 benchmark survey of FDIUS is collecting data on premiums and losses from U.S. affiliates that offer insurance services. These data will provide the basis for estimating insurance services in a consistent manner.

**Banks.** Currently, the estimates of sales of services through affiliates excludes services provided by bank affiliates. Because most of the information on bank affiliates that is needed for policymaking is already collected by other U.S. Government agencies, BEA collects only limited data on sales through bank affiliates. However, the absence of estimates of services provided through bank affiliates causes a potentially significant gap in the coverage of financial services sold through affiliates. To close this gap, BEA is collecting data on sales of services through bank affiliates in the 2002 benchmark survey of FDIUS. These data cover explicit commissions and fees charged for services.

In addition to explicit fees and commission, banks may also charge implicitly for services that they provide by paying lower interest rates to those who lend them money in the form of deposits and loans than they charge to those who borrow from them. The resulting net receipts of interest are used to defray expenses and provide an operating surplus. Because banks often do not charge explicitly for their services, their values must be imputed. To provide a basis for imputing the value of services provided without an explicit charge, BEA is collecting data on the total interest paid and received by U.S. bank affiliates on the 2002 benchmark survey of FDIUS.

**Wholesale and retail trade.** The wholesale and retail trade industries provide distributive services—selling, or arranging for the sale of, goods to intermediate and final users. In BEA's data on sales through affiliates, the value of distributive services provided by affiliates' wholesale and retail trade operations is embedded in the value of the final goods sold through affiliates. However, in the national income and product accounts, distributive services in wholesale and retail trade are measured as trade margins—wholesale or retail sales of goods less the cost of the goods resold. To provide a basis for the estimation of the value of these distributive services, BEA has added two questions to the 2002 benchmark survey of FDIUS in order to collect data on the cost of goods purchased for resale and on the inventories of these goods. These data will allow the estimation of the margin, or output, of the wholesale and retail trade operations of affiliates.

### U.S. Cross-Border Trade in 2002

In 2002, U.S. exports of private services (receipts) increased 1 percent, to \$279.5 billion, following a 3-percent decrease in 2001. U.S. imports of private services (payments) increased 2 percent, to \$205.2 billion, following a 1-percent decrease in 2001. The modest recovery in exports and in imports occurred in the context of pickups in economic activity in the United States and in many foreign countries.

Changes in the foreign-currency value of the dollar may also have affected U.S. cross-border trade in services, but the effect cannot be precisely measured, because it cannot be clearly distinguished from the effects of other variables that affected U.S. services flows. In 2002, the dollar's movement against the currencies of most major U.S. trading partners was mixed after appreciating against most of these currencies in 2001. For the year, the dollar depreciated 5 percent against the euro and 4 percent against the British pound, and it appreciated 3 percent against the Japanese yen and 1 percent against the Canadian dollar.<sup>5</sup>

5. Annual exchange rates are period averages.

**Table C. Cross-Border Services: Percent Change from Prior Year**

	Exports		Imports	
	2001	2002	2001	2002
Private services .....	-3	1	-1	2
Travel .....	-13	-7	-7	-4
Passenger fares .....	-13	-5	-7	-12
Other transportation .....	-5	3	-7	0
Royalties and license fees .....	-5	7	1	15
Other private services .....	8	6	10	10

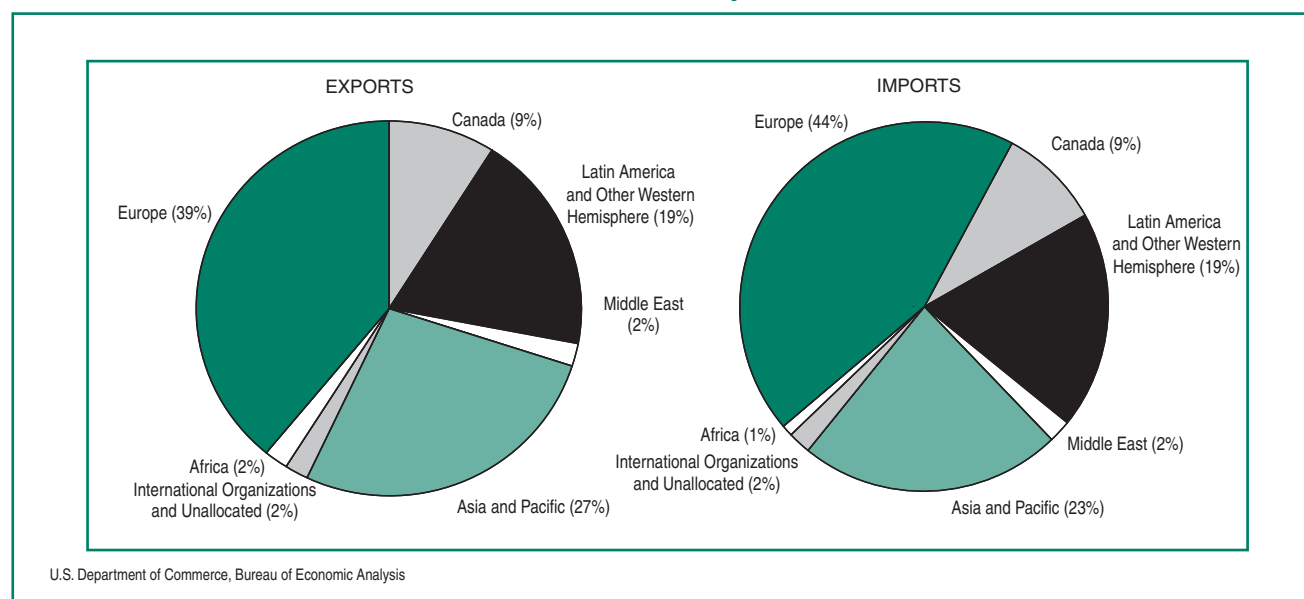
The sluggish 1-percent year-over-year increase in services exports in 2002 masked the steady recovery during 2002 from the trough near the end of 2001, a period that was severely depressed by the effects of the September 11<sup>th</sup> terrorist attacks. By the end of 2002, services exports had returned to the level before the attacks. For the year 2002, increases in “other private services,” royalties and license fees, and “other transportation” were largely offset by decreases in travel and passenger fares.

After many years of relatively strong growth, the weak U.S. economic conditions in 2001 and the moderate expansion in 2002 left the level of imports in 2002 no higher than in 2000. Imports grew steadily during 2002 from the low levels at the end of 2001. For 2002, increases in “other private services” and royalties and license fees were largely offset by decreases in travel and passenger fares. “Other transportation” was virtually unchanged.

Europe and Asia and Pacific together accounted for two-thirds of total U.S. cross-border exports and imports of private services in 2002 (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 D).

Of total cross-border trade in services, trade within multinational companies accounted for \$76.4 billion, or 27 percent, of exports of private services and for \$48.0 billion, or 23 percent, of imports of private services. Table E, which combines cross-border trade within multinational companies with unaffiliated cross-border trade, presents a more complete picture

**Chart 4. U.S. Cross-Border Services Transactions: Share by Area in 2002**



of trade by type of service. The major categories of services in table E—travel, passenger fares, “other transportation,” royalties and license fees, and “other private services”—correspond to the major categories in table 1. Table F 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 their foreign parent groups for 1997–2002.<sup>6</sup>

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. In previous articles, the discussions of the individual categories of services tended to focus on unaffiliated transactions because of the greater amount of detail available for unaffiliated services. However, the following discussions of the individual services focus on the sum of affiliated transactions and unaffiliated transactions. The expansion in the quantity of data available on affiliated services by type of service has enabled BEA to shift the focus to total transactions in these services and away

from unaffiliated transactions. Importantly, this change also is consistent with BEA’s long-term and continuing efforts to improve the comparability of its data with international statistical standards.

### Travel

Travel receipts decreased 7 percent in 2002, to \$66.5 billion, following a 13-percent decrease in 2001. The continued slide reflected weakening economic conditions abroad and the lingering effects of the attacks of September 11<sup>th</sup> over an entire year. Travel activity picked up in the fourth quarter as economic conditions improved in the countries that account for many of the visitors to the United States. Substantial appreciation of several major currencies against the dollar throughout the year also contributed to the increase in travelers in the fourth quarter. Despite the fourth-quarter recovery, receipts at yearend were still well below pre-September 11<sup>th</sup> levels. For the year, travel receipts from countries other than Canada and Mexico decreased 9 percent. Receipts from Canada decreased 5 percent, and receipts from Mexico increased 4 percent. The number of Canadians traveling to the United States by air and land decreased in 2002. Receipts from Europe and Japan each fell about 5 percent. The decreases in travel receipts from Latin America and the Middle East were particularly sharp.

6. 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.

**Table D. Cross-Border Services Exports and Imports by Type and Country, 2002**

[Millions of dollars]

	Total services	Travel	Passenger fares	Other transportation	Royalties and license fees	Other private services
Exports						
<b>All countries</b> .....	<b>279,495</b>	<b>66,547</b>	<b>17,046</b>	<b>29,166</b>	<b>44,142</b>	<b>122,594</b>
<b>10 largest countries</b> <sup>1</sup> .....	<b>156,298</b>	<b>38,205</b>	<b>11,295</b>	<b>15,755</b>	<b>25,594</b>	<b>65,449</b>
United Kingdom .....	31,816	8,177	2,813	1,932	4,452	14,442
Japan .....	29,688	8,492	2,809	2,825	6,352	9,210
Canada .....	24,294	6,268	1,717	2,624	3,091	10,594
Germany .....	16,056	2,934	1,001	2,018	3,090	7,013
Mexico .....	15,902	5,507	1,329	792	1,247	7,027
France .....	10,740	1,974	778	876	2,119	4,993
Korea, Republic of .....	7,760	2,175	13	2,063	1,157	2,352
Netherlands .....	7,219	1,024	413	836	1,332	3,614
Switzerland .....	6,750	696	195	353	2,031	3,475
China .....	6,073	958	227	1,436	723	2,729
<b>Other countries</b> .....	<b>123,197</b>	<b>28,342</b>	<b>5,751</b>	<b>13,411</b>	<b>18,548</b>	<b>57,145</b>
Imports						
<b>All countries</b> .....	<b>205,234</b>	<b>58,044</b>	<b>19,969</b>	<b>38,527</b>	<b>19,258</b>	<b>69,436</b>
<b>10 largest countries</b> <sup>1</sup> .....	<b>125,661</b>	<b>30,205</b>	<b>10,200</b>	<b>19,996</b>	<b>15,796</b>	<b>49,464</b>
United Kingdom .....	26,587	5,561	3,290	2,657	1,493	13,586
Canada .....	18,414	6,489	594	3,589	1,048	6,694
Japan .....	17,312	2,874	1,051	4,169	4,997	4,221
Germany .....	14,703	2,275	1,531	2,560	2,091	6,246
Mexico .....	11,066	7,061	794	993	117	2,101
Bermuda .....	10,260	563	0	454	1,364	7,879
France .....	9,655	2,919	1,003	1,091	1,263	3,379
Switzerland .....	6,613	619	530	422	1,892	3,150
Netherlands .....	6,037	852	526	1,231	1,513	1,915
Taiwan .....	5,013	992	881	2,830	18	292
<b>Other countries</b> .....	<b>79,573</b>	<b>27,839</b>	<b>9,769</b>	<b>18,531</b>	<b>3,462</b>	<b>19,972</b>

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

Table E. Affiliated and Unaffiliated Trade in Services, 1997-2002

[Billions of dollars]

	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
	Receipts						Payments					
<b>Total Private Services</b> .....	<b>237.9</b>	<b>243.8</b>	<b>264.7</b>	<b>283.5</b>	<b>275.5</b>	<b>279.5</b>	<b>150.0</b>	<b>163.6</b>	<b>180.5</b>	<b>204.7</b>	<b>201.6</b>	<b>205.2</b>
Unaffiliated.....	185.9	188.9	202.1	216.6	206.1	203.1	125.2	135.2	144.0	162.9	157.8	157.2
Affiliated.....	52.0	54.9	62.6	66.9	69.4	76.4	24.8	28.4	36.6	41.8	43.9	48.0
<b>Travel</b> <sup>1</sup> .....	<b>73.4</b>	<b>71.3</b>	<b>74.8</b>	<b>82.4</b>	<b>71.9</b>	<b>66.5</b>	<b>52.1</b>	<b>56.5</b>	<b>59.0</b>	<b>64.7</b>	<b>60.2</b>	<b>58.0</b>
Unaffiliated.....	73.4	71.3	74.8	82.4	71.9	66.5	52.1	56.5	59.0	64.7	60.2	58.0
Affiliated.....												
<b>Passenger fares</b> <sup>2</sup> .....	<b>20.9</b>	<b>20.1</b>	<b>19.8</b>	<b>20.7</b>	<b>17.9</b>	<b>17.0</b>	<b>18.1</b>	<b>20.0</b>	<b>21.3</b>	<b>24.3</b>	<b>22.6</b>	<b>20.0</b>
Unaffiliated.....	20.9	20.1	19.8	20.7	17.9	17.0	18.1	20.0	21.3	24.3	22.6	20.0
Affiliated.....												
<b>Other transportation</b> .....	<b>27.0</b>	<b>25.6</b>	<b>26.9</b>	<b>29.8</b>	<b>28.4</b>	<b>29.2</b>	<b>29.0</b>	<b>30.4</b>	<b>34.1</b>	<b>41.4</b>	<b>38.7</b>	<b>38.5</b>
Unaffiliated.....	26.6	25.2	26.4	29.3	27.8	28.5	28.6	30.0	33.7	41.0	38.2	38.0
Affiliated.....	0.4	0.4	0.5	0.5	0.6	0.7	0.4	0.4	0.4	0.4	0.5	0.5
<b>Royalties and license fees</b> .....	<b>33.2</b>	<b>35.6</b>	<b>39.7</b>	<b>43.2</b>	<b>41.1</b>	<b>44.1</b>	<b>9.2</b>	<b>11.2</b>	<b>13.1</b>	<b>16.5</b>	<b>16.7</b>	<b>19.3</b>
Unaffiliated.....	8.8	9.3	10.4	12.8	12.1	11.9	2.4	2.7	2.7	3.9	3.4	4.1
Affiliated.....	24.5	26.3	29.3	30.5	29.0	32.2	6.7	8.5	10.4	12.5	13.3	15.1
<b>Other private services</b> .....	<b>83.3</b>	<b>91.2</b>	<b>103.5</b>	<b>107.4</b>	<b>116.1</b>	<b>122.6</b>	<b>41.7</b>	<b>45.5</b>	<b>53.0</b>	<b>57.8</b>	<b>63.4</b>	<b>69.4</b>
Unaffiliated.....	56.2	63.0	70.7	71.5	76.4	79.1	24.0	26.1	27.2	29.0	33.3	37.1
Affiliated.....	27.1	28.2	32.8	35.9	39.8	43.5	17.6	19.4	25.8	28.8	30.1	32.4
<b>Education</b> <sup>3</sup> .....	<b>8.3</b>	<b>9.0</b>	<b>9.6</b>	<b>10.3</b>	<b>11.5</b>	<b>12.8</b>	<b>1.4</b>	<b>1.6</b>	<b>1.8</b>	<b>2.0</b>	<b>2.3</b>	<b>2.5</b>
Unaffiliated.....	8.3	9.0	9.6	10.3	11.5	12.8	1.4	1.6	1.8	2.0	2.3	2.5
Affiliated.....												
<b>Financial services</b> .....	<b>12.5</b>	<b>14.0</b>	<b>17.4</b>	<b>19.3</b>	<b>19.4</b>	<b>19.9</b>	<b>6.2</b>	<b>7.7</b>	<b>9.3</b>	<b>11.7</b>	<b>11.0</b>	<b>9.3</b>
Unaffiliated.....	10.2	11.3	13.4	15.5	15.2	15.9	3.3	3.6	3.4	4.6	4.0	3.7
Affiliated.....	2.3	2.7	4.0	3.8	4.2	4.0	2.8	4.2	5.9	7.1	7.0	5.6
<b>Insurance services</b> <sup>4</sup> .....	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
Unaffiliated.....	1.4	2.1	2.1	2.5	2.4	2.8	4.0	5.3	6.4	7.6	11.6	15.3
Affiliated.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Telecommunications</b> <sup>5</sup> .....	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
Unaffiliated.....	3.9	5.6	4.5	3.9	4.5	4.1	8.3	7.7	6.6	5.4	4.8	4.2
Affiliated.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Business, professional, and technical services</b> .....	<b>44.0</b>	<b>45.6</b>	<b>54.1</b>	<b>55.2</b>	<b>61.9</b>	<b>65.4</b>	<b>21.2</b>	<b>22.7</b>	<b>28.3</b>	<b>30.5</b>	<b>33.1</b>	<b>37.5</b>
Unaffiliated.....	21.5	22.7	27.7	25.3	28.6	28.8	6.4	7.4	8.4	8.8	10.0	10.7
Affiliated.....	22.4	23.0	26.4	29.9	33.3	36.6	14.8	15.3	19.8	21.7	23.1	26.8
<b>Computer and information services</b> <sup>6</sup> .....	<b>5.1</b>	<b>5.0</b>	<b>6.6</b>	<b>6.8</b>	<b>6.7</b>	<b>6.9</b>	<b>1.6</b>	<b>1.9</b>	<b>4.5</b>	<b>4.2</b>	<b>4.5</b>	<b>4.2</b>
Unaffiliated.....	3.5	3.7	5.4	5.6	5.5	5.4	0.8	1.1	1.5	1.6	1.7	1.3
Affiliated.....	1.6	1.3	1.2	1.2	1.2	1.5	0.8	0.9	3.0	2.6	2.8	2.9
<b>Management and consulting services</b> .....	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>4.0</b>	<b>3.7</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>2.4</b>	<b>3.8</b>
Unaffiliated.....	1.6	1.9	1.8	1.7	2.1	1.7	0.7	0.9	0.8	0.7	0.8	1.2
Affiliated.....	n.a.	n.a.	n.a.	n.a.	1.9	2.0	n.a.	n.a.	n.a.	n.a.	1.6	2.6
<b>Research and development and testing services</b> .....	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>4.9</b>	<b>6.3</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>2.3</b>	<b>2.2</b>
Unaffiliated.....	0.9	0.9	1.0	0.9	1.1	1.1	0.6	0.6	0.7	0.8	0.8	1.0
Affiliated.....	n.a.	n.a.	n.a.	n.a.	3.8	5.2	n.a.	n.a.	n.a.	n.a.	1.5	1.1
<b>Operational leasing</b> .....	<b>3.6</b>	<b>4.0</b>	<b>4.9</b>	<b>5.2</b>	<b>5.8</b>	<b>5.9</b>	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.0</b>
Unaffiliated.....	2.0	2.4	2.7	3.1	3.7	3.6	0.2	0.2	0.2	0.2	0.2	0.2
Affiliated.....	1.5	1.7	2.3	2.1	2.1	2.3	0.9	1.0	1.1	1.0	1.0	0.8
<b>Other business, professional, and technical services</b> .....	<b>32.8</b>	<b>33.8</b>	<b>39.7</b>	<b>40.6</b>	<b>40.5</b>	<b>42.5</b>	<b>17.3</b>	<b>18.1</b>	<b>21.0</b>	<b>23.5</b>	<b>22.7</b>	<b>26.3</b>
Unaffiliated.....	13.5	13.8	16.8	14.0	16.3	17.0	4.2	4.6	5.2	5.5	6.5	7.0
Affiliated.....	19.3	20.0	22.9	26.6	24.3	25.5	13.1	13.5	15.8	18.0	16.2	19.3
<b>Other services</b> .....	<b>13.2</b>	<b>14.8</b>	<b>15.8</b>	<b>16.1</b>	<b>16.4</b>	<b>17.6</b>	<b>0.6</b>	<b>0.5</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.7</b>
Unaffiliated.....	10.8	12.3	13.4	13.9	14.2	14.7	0.6	0.5	0.6	0.6	0.6	0.7
Affiliated.....	2.4	2.5	2.4	2.2	2.3	2.9	(*)	(*)	0.1	(*)	(*)	(*)
<b>Film and television tape rentals</b> .....	<b>5.9</b>	<b>7.1</b>	<b>8.1</b>	<b>8.6</b>	<b>8.9</b>	<b>9.8</b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>
Unaffiliated.....	3.5	4.6	5.6	6.4	6.7	6.9	0.2	0.1	0.1	0.1	0.1	0.1
Affiliated.....	2.4	2.5	2.4	2.2	2.3	2.9	(*)	(*)	0.1	(*)	(*)	(*)
<b>Other</b> .....	<b>7.3</b>	<b>7.8</b>	<b>7.7</b>	<b>7.6</b>	<b>7.5</b>	<b>7.8</b>	<b>0.4</b>	<b>0.4</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
Unaffiliated.....	7.3	7.8	7.7	7.6	7.5	7.8	0.4	0.4	0.5	0.5	0.5	0.5
Affiliated.....												

n.a. Not available  
\* Less than \$50 million.

1. Travel consists of expenditures by individuals who travel to foreign countries and are, thus, transactions between unaffiliated parties.

2. Passenger fares consist of fares paid by residents of one country to airline and vessel operators (carriers) that reside in another country and are, thus, transactions between unaffiliated parties.

3. Education consists of expenditures for tuition and living expenses by students studying in foreign countries and are, thus, transactions between unaffiliated parties. Education excludes fees associated with educational and training services provided on a contract or fee basis; these transactions, which may be affiliated or unaffiliated, are included in "other business, professional, and technical services."

4. Most insurance services transactions are deemed to be unaffiliated, even when they are between affiliated companies, because the services are deemed to be provided to the policyholders who pay the insurance premiums and who are unaffiliated with both insurance companies. The only insurance services considered to be affiliated are primary insurance transactions between a U.S. company that is not an insurance company and an affiliated foreign insurance company, such as a captive foreign insurance affiliate. Data on affiliated trade in

insurance services are not separately available; they are included in affiliated "other business, professional, and technical services."

5. Transactions in basic telecommunications services are deemed to be unaffiliated, even when the services flow through affiliated channels, because they represent the distribution of revenues collected from unaffiliated customers. Other types of telecommunications services, such as value-added services, may flow through either affiliated or unaffiliated channels. For the latter, unaffiliated telecommunications transactions are included under "telecommunications"; data on affiliated transactions are not separately available and are included in affiliated "other business, professional, and technical services."

6. Includes computer and data processing services and database and other information services.

7. Prior to 2001, affiliated transactions in this service were included in "other business, professional, and technical services." Beginning in 2001, data on this service were separately identified.

8. This category includes affiliated insurance transactions and affiliated telecommunications transactions; see footnotes 4 and 5. Prior to 2001, this category also included affiliated management and consulting services and affiliated research and development and testing services.

9. For the services included in "other unaffiliated services," see table 1, footnote 6.



The country with the largest decrease and the country with the largest increase in travel to the United States are both in Latin America. Receipts from Argentina, which have decreased nearly 75 percent since 2000, fell sharply in 2002, reflecting the deteriorating economic conditions in the Argentine economy. Receipts from Mexico, however, increased in 2002. Nearly two-thirds of the travel receipts from Mexico represent visits in the border area, which are typically day trips.

Travel payments decreased 4 percent in 2002, to \$58.0 billion, following a 7-percent decrease in 2001. Despite improving economic conditions in the United States, travel activity was sluggish for most of the year because of concerns about travel in the wake of the terrorist attacks. Like foreign travel to the United States, U.S. travel overseas picked up toward the end of 2002, but it remained well below pre-September 11<sup>th</sup> levels.

Travel payments to almost all of the overseas countries decreased. Travel payments to both Canada and Mexico, however, increased. The number of U.S. residents traveling to Canada by air and by land both decreased slightly in 2002, but their average expenditures increased. Payments by U.S. residents traveling in the Mexican border area increased faster than payments to the rest of the country.

### Passenger fares

Passenger fare receipts decreased 5 percent in 2002, to \$17.0 billion, following a 13-percent decrease in 2001. The decrease reflected the same factors that affected travel. These factors were partly offset by a small increase in the share of foreigners traveling on U.S. airlines rather than on foreign airlines. A falloff in receipts from Argentines traveling to the United States

**Table F. Intrafirm Trade in Services, by Type, 1997–2002**

[Billions of dollars]

	Total	Transportation <sup>1</sup>	Royalties and license fees <sup>2</sup>	Other private services								
				Total <sup>3</sup>	Business, professional, and technical services					Film and television tape rentals		
					Financial services	Computer and information services	Management and consulting services	Research and development and testing services	Operational leasing		Other business, professional, and technical services <sup>4</sup>	
Receipts												
<b>Total transactions:</b>												
1997 .....	52.0	0.4	24.5	27.1	2.3	1.6	( <sup>5</sup> )	( <sup>6</sup> )	1.5	19.3	2.4	
1998 .....	54.9	0.4	26.3	28.2	2.7	1.3	( <sup>5</sup> )	( <sup>6</sup> )	1.7	20.0	2.5	
1999 .....	62.6	0.5	29.3	32.8	4.0	1.2	( <sup>5</sup> )	( <sup>6</sup> )	2.3	22.9	2.4	
2000 .....	66.9	0.5	30.5	35.9	3.8	1.2	( <sup>5</sup> )	( <sup>6</sup> )	2.1	26.6	2.2	
2001 .....	69.4	0.6	29.0	39.8	4.2	1.2	1.9	3.8	2.1	24.3	2.3	
2002 .....	76.4	0.7	32.2	43.5	4.0	1.5	2.0	5.2	2.3	25.5	2.9	
<b>U.S. parents' transactions:</b>												
1997 .....	40.8	0.4	23.1	17.3	1.4	1.4	( <sup>5</sup> )	( <sup>6</sup> )	1.2	10.9	2.4	
1998 .....	42.9	0.4	24.4	18.1	1.8	1.3	( <sup>5</sup> )	( <sup>6</sup> )	1.4	11.2	2.5	
1999 .....	50.3	0.5	27.6	22.2	2.5	1.1	( <sup>5</sup> )	( <sup>6</sup> )	1.9	14.3	2.4	
2000 .....	51.9	0.5	28.3	23.1	2.8	1.1	( <sup>5</sup> )	( <sup>6</sup> )	1.8	15.2	2.2	
2001 .....	52.4	0.6	27.0	24.8	3.4	1.1	1.2	1.2	1.8	13.8	2.2	
2002 .....	54.9	0.7	29.1	25.2	3.0	1.3	1.3	1.2	1.9	13.7	2.9	
<b>U.S. affiliates' transactions:</b>												
1997 .....	11.2	(*)	1.4	9.8	0.9	0.2	( <sup>5</sup> )	( <sup>6</sup> )	0.3	8.4	(*)	
1998 .....	12.0	(*)	2.0	10.0	0.9	(*)	( <sup>5</sup> )	( <sup>6</sup> )	0.3	8.8	(*)	
1999 .....	12.3	(*)	1.7	10.6	1.5	0.1	( <sup>5</sup> )	( <sup>6</sup> )	0.4	8.6	(*)	
2000 .....	15.0	(*)	2.2	12.8	1.0	0.1	( <sup>5</sup> )	( <sup>6</sup> )	0.3	11.4	(*)	
2001 .....	17.0	(*)	2.0	15.0	0.8	0.1	0.7	2.6	0.3	10.4	(*)	
2002 .....	21.5	(*)	3.2	18.3	1.0	0.2	0.8	4.1	0.5	11.8	(*)	
Payments												
<b>Total transactions:</b>												
1997 .....	24.8	0.4	6.7	17.6	2.8	0.8	( <sup>5</sup> )	( <sup>6</sup> )	0.9	13.1	(*)	
1998 .....	28.4	0.4	8.5	19.4	4.2	0.9	( <sup>5</sup> )	( <sup>6</sup> )	1.0	13.5	(*)	
1999 .....	36.6	0.4	10.4	25.8	5.9	3.0	( <sup>5</sup> )	( <sup>6</sup> )	1.1	15.8	0.1	
2000 .....	41.8	0.4	12.5	28.8	7.1	2.6	( <sup>5</sup> )	( <sup>6</sup> )	1.0	18.0	(*)	
2001 .....	43.9	0.5	13.3	30.1	7.0	2.8	1.6	1.5	1.0	16.2	(*)	
2002 .....	48.0	0.5	15.1	32.4	5.6	2.9	2.6	1.1	0.8	19.3	(*)	
<b>U.S. parents' transactions:</b>												
1997 .....	10.8	0.4	1.4	9.0	2.5	0.5	( <sup>5</sup> )	( <sup>6</sup> )	0.1	5.9	(*)	
1998 .....	12.6	0.4	1.8	10.4	3.3	0.6	( <sup>5</sup> )	( <sup>6</sup> )	0.1	6.4	(*)	
1999 .....	18.2	0.4	2.3	15.5	4.7	2.7	( <sup>5</sup> )	( <sup>6</sup> )	0.1	7.9	0.1	
2000 .....	19.2	0.4	2.5	16.3	5.4	2.4	( <sup>5</sup> )	( <sup>6</sup> )	0.1	8.4	(*)	
2001 .....	19.8	0.5	2.5	16.8	5.2	2.6	0.5	0.6	0.1	7.8	(*)	
2002 .....	21.0	0.5	3.0	17.5	4.9	2.7	0.5	0.6	0.1	8.8	(*)	
<b>U.S. affiliates' transactions:</b>												
1997 .....	14.0	(*)	5.4	8.6	0.3	0.3	( <sup>5</sup> )	( <sup>6</sup> )	0.8	7.2	(*)	
1998 .....	15.8	(*)	6.8	9.0	0.9	0.3	( <sup>5</sup> )	( <sup>6</sup> )	0.9	7.0	(*)	
1999 .....	18.4	(*)	8.1	10.3	1.2	0.2	( <sup>5</sup> )	( <sup>6</sup> )	1.0	7.9	(*)	
2000 .....	22.6	(*)	10.1	12.5	1.7	0.2	( <sup>5</sup> )	( <sup>6</sup> )	1.0	9.7	(*)	
2001 .....	24.0	(*)	10.8	13.3	1.7	0.2	1.1	0.9	0.9	8.4	(*)	
2002 .....	27.0	(*)	12.2	14.8	0.7	0.3	2.1	0.5	0.7	10.5	(*)	

\* 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.

4. Includes affiliated telecommunications and affiliated insurance transactions; see footnotes 4 and 5, table E.

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

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

on U.S. airlines accounted for more than half of the decrease.

Passenger fare payments decreased 12 percent, to \$20.0 billion, following a 7-percent decrease. Almost all of the decrease was 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.

### Other transportation

Receipts for "other transportation" services increased 3 percent in 2002, to \$29.2 billion, following a 5-percent decrease in 2001. The increase was largely accounted for by a 5-percent increase in freight receipts. Port services receipts increased 1 percent, as a small increase in air port services was largely offset by a small decrease in ocean port services.

The increase in freight receipts reflected increases in air freight and "other freight" that were only partly offset by a small decrease in ocean freight. The increase in air freight was mostly attributable to higher freight rates. The increase in "other freight" was attributable to a pickup in receipts of U.S. firms for transporting goods by truck and for launching satellites for foreigners. Ocean freight fell slightly as tanker rates remained near record lows, U.S. tramp vessel revenues fell, and liner vessel revenues were unchanged. The volume of goods transported by U.S.-operated ocean carriers to Europe decreased.

Payments for "other transportation" services were virtually unchanged in 2002, at \$38.5 billion, following a 7-percent decrease in 2001. A small increase in freight services was offset by a decrease in port services.

Payments for air freight increased sharply, reflecting an increase in import volume. More than three-fourths of the increase resulted from higher air imports from Asia; a small part of the increase in air imports was due to a 10-day ocean port strike on the West coast of the United States toward the end of 2002. Despite the strike, import volume on liners was strong during the last half of the year. "Other freight" payments increased, reflecting a pickup in payments to Canadian carriers for transporting goods by truck in the United States. The increases in air and "other freight" more than offset a decrease in ocean freight.

The decrease in port services payments was attributable to a decrease in U.S. carriers' payments in foreign airports. The falloff in the number of U.S. air travelers led U.S. carriers to reduce the number of flights, resulting in lower expenditures abroad. Lower prices for jet fuel because of reduced demand also lowered U.S. carriers' expenditures in foreign ports.

### Royalties and license fees

U.S. receipts of royalties and license fees increased 7 percent in 2002, to \$44.1 billion, following a 5-percent decrease in 2001. The increase was entirely accounted for by affiliated transactions; unaffiliated transactions fell slightly. A nearly 60-percent increase in U.S. affiliates receipts from their foreign parents was concentrated in the pharmaceuticals industry.

Unaffiliated receipts from the rights to use and to distribute general-use computer software, the largest category of royalty and license fee receipts, were nearly \$5.0 billion in 2002, falling slightly from their level 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 (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 from unaffiliated foreign persons 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.<sup>7</sup> A variety of considerations may motivate these transactions. For example, 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, such as the adaptation of computer software to the local language and to the locally available hardware and operating systems.

Payments of royalties and license fees increased 15 percent in 2002, to \$19.3 billion, following a 1-percent increase in 2001. These payments have nearly quadrupled since 1993 and have been the fastest growing major category of services imports during this period. Most of the increase in 2002 was accounted for by payments by U.S. affiliates to their foreign parents, partly due to the entry of new affiliates. Payments by U.S.

7. 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, they are recorded in affiliated royalties and license fees receipts. If they are in the form of income, they are recorded in direct investment income receipts. In either case, the flows are 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.

companies to unaffiliated foreign companies also contributed to the increase. The increase in unaffiliated transactions was largely attributable to a jump in payments for the broadcasting and recording of live events, including payments to an international sports organization for rights to televise live sporting events.

### Other private services

#### Receipts

Receipts for “other private services” increased 6 percent in 2002, to \$122.6 billion, following an 8-percent increase in 2001. Increases were widespread across most types of other private services (table E; for more detailed estimates, see tables 5–7 at the end of the article).

**Education receipts.** Receipts for education increased 11 percent in 2002, to \$12.8 billion, following an 11-percent increase in 2001. The number of foreign students studying in the United States increased 6 percent in both years, the largest percentage increases since 1980. In 2002, more than 580,000 foreign students studied in the United States. Roughly 45 percent of these students were graduate students, who accounted for nearly 15 percent of all the graduate students in the United States. The number of students from nearly every area of the world increased.

**Financial services receipts.** Financial services receipts increased 3 percent, to \$19.9 billion, in 2002, following a 1-percent increase in 2001. An increase in unaffiliated receipts was primarily attributable to an increase in brokerage commissions from securities transactions (table G). Brokerage commissions were higher as foreigners traded heavily in outstanding U.S. bonds; trading in stocks was up slightly. The increase in commissions was partly offset by a decrease in private placement and underwriting services, as foreigners reduced their new issues of both stocks and bonds in the United States. Management and advisory services decreased slightly; an increase in management services was offset by a decrease in financial advisory services that was due to the slow pace of merger and acquisition activity. Credit card and other credit-related services increased slightly, as gains in credit card services more than offset decreases in “other credit-related services.” “Other financial services” increased mostly because of a gain in electronic funds transfer services. Transactions between affiliated parties decreased 5 percent in 2002. The decrease resulted from a falloff in transactions between U.S. parent companies and their foreign affiliates.

**Insurance services receipts.** Insurance services receipts increased 18 percent, to \$2.8 billion in 2002, fol-

### Delivery of Computer Services to Foreign Markets

For computer-related services, as well as for many other types of services, the means of delivery is 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 “database and other information services” are shown in table 1 under “business, professional, and technical services.”<sup>1</sup> Computer-related services that are delivered to foreign markets through cross-border software-licensing agreements are shown under “royalties and license fees.”<sup>2</sup> 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 identified. Intrafirm exports of computer and information services, which consists of computer and

data processing services and of database and other information services, are shown in tables E and F.

The wages of U.S. residents who provide computer services to nonresidents is included in “compensation receipts” (line 17, table 1) of the U.S. international transactions accounts (ITAs), but their value cannot be identified. Compensation, which covers earnings of U.S. individuals who are employees of nonresident firms and the earnings of certain independent individuals who provide services to nonresidents, is classified in “income” in the ITAs rather than in services trade. If the U.S. individual goes abroad to provide these services, the length of stay must be less than 1 year; otherwise, the individual is considered a foreign resident.

Sales of computer-related services through foreign affiliates exceeded cross-border exports of these services in 2001, 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 9.2). 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.

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.

lowing a 4-percent decrease in 2001. Insurance services are measured as total premiums minus the portion of premiums attributable to expected or “normal” losses.<sup>8</sup> (Premiums are reported by insurance companies to BEA, and the portion of premiums attributable to normal losses is estimated by BEA on the basis of the relationship between actual losses and premiums earned averaged over several years.<sup>9</sup>) In percentage terms, normal losses paid increased more strongly than premiums received in 2002 (48 percent and 40 percent, respectively), but in dollar terms, premiums increased more strongly, resulting in the increase in the estimate of services.

**Telecommunications services receipts.** Receipts for telecommunications services decreased 9 percent in 2002, to \$4.1 billion, following a 16-percent increase in 2001. Reductions in calling rates continued to reduce the value of basic message telephone services. In addition, alternative channels of telecommunications that enable companies to obtain enhanced services have resulted in lower demand for basic message telephone services. The share of telecommunications services receipts that is attributable to message telephone and other basic telecommunications services has decreased since 1996, as transactions associated with privately leased channel services, value-added services (such as videoconferencing and broadband access services), and support services have surged (see table I in the appendix to this article).

**Business, professional, and technical services receipts.** Business, professional, and technical (BPT) services receipts increased 6 percent, to \$65.4 billion in 2002, following a 12-percent decrease in 2001. The three largest BPT services categories—“other BPT” services; computer and information services; and research and development (R&D) and testing services—

account for more than four-fifths of BPT receipts (table E). Receipts for computer and information services, which changed little in 2000-2001, increased in 2002, as an increase in affiliated services more than offset a decrease in unaffiliated services. These services may be delivered to foreign markets in several different ways (see the box “Delivery of Computer Services to Foreign Markets”). R&D services increased about 30 percent. “Other BPT” services—which increased 5 percent, to \$35.6 billion—continued to account for most BPT receipts in 2002. This category consists of allocated expenses (which represent charges by parent companies on their operating units for overhead and support activities except those related to R&D services and to management and consulting) and professional and technical services, such as public relations, advertising, and legal services.

**Film and television tape rentals receipts.** Film and television tape rentals receipts increased 10 percent, to \$9.8 billion, following a 3-percent increase. These services cover receipts for the rights to display, reproduce, and distribute U.S. motion pictures and television programming abroad.

### Payments

Payments for “other private services” increased 10 percent in 2002, to \$69.4 billion, following a 10-percent increase in 2001. The increase in 2002 was mostly accounted for by a large increase in insurance services (table E; for more detailed estimates, see tables 5–7 at the end of the article).

**Education payments.** Education payments increased 9 percent in 2002, to \$2.5 billion, following a 12-percent increase in 2001. Roughly 90 percent of U.S. students studying abroad attend semester-long or shorter term programs. About 40 percent of the U.S. students studying abroad attend educational institutions in three countries—the United Kingdom, Italy, and Spain.

**Financial services payments.** Financial services payments decreased 15 percent, to \$9.3 billion, in

8. Insurance services also include auxiliary insurance services, such as agents' commissions, actuarial services, insurance brokering and agency services, and salvage administration services.

9. For a detailed description of the new methodology, see Christopher L. Bach, “Annual Revision of the U.S. International Accounts, 1992–2002,” SURVEY 83 (July 2003): 35–37.

**Table G. Unaffiliated Financial Services Transactions, 1994–2002**

[Millions of dollars]

	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>RECEIPTS</b>									
<b>Total</b> .....	<b>5,763</b>	<b>7,029</b>	<b>8,229</b>	<b>10,243</b>	<b>11,327</b>	<b>13,410</b>	<b>15,522</b>	<b>15,228</b>	<b>15,859</b>
Securities transactions <sup>1</sup> .....	2,527	3,253	3,917	4,715	4,690	4,833	5,458	5,117	5,789
Management and advisory <sup>2</sup> .....	1,479	1,665	1,886	2,553	3,219	4,687	6,209	5,599	5,405
Credit card and other credit-related.....	1,093	1,423	1,472	1,839	2,030	1,959	2,122	2,310	2,334
Other <sup>3</sup> .....	664	688	954	1,136	1,388	1,931	1,733	2,202	2,331
<b>PAYMENTS</b>									
<b>Total</b> .....	<b>1,654</b>	<b>2,472</b>	<b>2,907</b>	<b>3,347</b>	<b>3,590</b>	<b>3,418</b>	<b>4,564</b>	<b>4,049</b>	<b>3,665</b>
Securities transactions <sup>1</sup> .....	956	1,506	1,654	1,943	1,949	1,748	2,403	1,942	1,444
Management and advisory <sup>2</sup> .....	327	348	401	406	545	627	673	471	478
Credit card and other credit-related.....	204	327	372	390	403	407	431	579	643
Other <sup>3</sup> .....	167	291	480	608	693	636	1,057	1,057	1,100

1. Includes brokerage, underwriting, and private placement services.

2. Includes financial management, financial advisory, and custody services.

3. Includes securities lending, electronic funds transfer, and other financial services.

2002, following a 6-percent decrease in 2001. A decrease in unaffiliated transactions in 2002 was attributable to a decrease in brokerage commissions from securities transactions (table G). Private placement and underwriting services decreased sharply because of a significant slowdown in new issues of U.S. stocks and bonds abroad. Securities brokerage commissions changed little. Financial management and advisory services increased slightly. Credit card and other credit-related services increased because of gains in credit card services. Financial services transactions between affiliated parties decreased 20 percent; most of the decrease resulted from transactions between U.S. affiliates and their foreign parents.

**Insurance services payments.** Insurance services payments increased 32 percent, to \$15.3 billion, in 2002 after increasing 53-percent increase in 2001.<sup>10</sup> The increase in premiums paid reflected substantially higher rates, as foreign reinsurers sought to recoup past losses (including investment losses) and to ensure that they maintained adequate reserves based on their assessments of the current risk environment. Rates for property-casualty policies in major metropolitan areas surged; the increased rates partly reflected the additional costs associated with specialty policies and coverage, including protection against terrorism-related losses.

**Telecommunications services payments.** Payments for telecommunications services decreased 12 percent in 2002, to \$4.2 billion, after decreasing by the same percentage in 2001. Like receipts, payments were also driven down by reductions in calling rates, and the reduction more than offset an increase in the volume of calls. The share of telecommunications services that is attributable to basic telecommunications services is much higher for telecommunications receipts than for payments because foreign companies provide relatively little value added, support, and other types of nonmessage services to U.S. residents (table I in the appendix to this article).

**Business, professional, and technical services payments.** Business, professional, and technical (BPT) services payments increased 13 percent, to \$37.5 billion, following a 9-percent increase. The largest share of BPT services activities are accounted for by "other BPT" services, which consists of allocated expenses (which represent charges by parent companies on their operating units for overhead and support activities ex-

cept those related to R&D services and to management and consulting) and professional and technical services, such as public relations, advertising, and legal services. The increase in "other BPT" services in 2002 was largely attributable to payments by U.S. affiliates to their foreign parents (table F).

**Film and television tape rentals payments.** Film and television tape rentals payments doubled to \$0.2 billion in 2002. However, payments for these rentals remained much smaller than receipts for these rentals, reflecting the smaller U.S. audience for foreign films and television programming, compared with the large foreign audience for U.S. films and television programming.

### Sales Through Affiliates in 2001

In 2001, 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 affiliates were \$456.1 billion, up 5 percent from 2000. Worldwide sales of services by foreign multinational companies through their nonbank, majority-owned U.S. affiliates were \$394.5 billion, up 6 percent (table H).<sup>11</sup>

11. 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 H.

**Table H. Sales of Services by U.S. MNCs Through Their Nonbank MOFAs and by Foreign MNCs Through Their Nonbank MOUSAs, 2000-2001**

[Millions of dollars]

	2000	2001
<b>Sales through MOFAs</b>		
Total .....	432,769	456,085
To affiliated persons .....	41,775	56,969
To unaffiliated persons .....	390,994	399,116
To U.S. persons .....	19,299	23,906
To U.S. parents .....	13,864	19,784
To unaffiliated U.S. persons .....	5,435	4,122
To foreign persons .....	413,470	432,179
To other foreign affiliates .....	27,911	37,185
To unaffiliated foreign persons .....	385,559	394,994
Local sales .....	372,342	381,578
To other foreign affiliates .....	11,764	13,197
To unaffiliated foreigners .....	360,578	368,381
Sales to other countries .....	41,128	50,601
To other foreign affiliates .....	16,147	23,988
To unaffiliated foreigners .....	24,981	26,613
<b>Sales through MOUSAs</b>		
Total .....	372,036	394,521
To U.S. persons .....	344,389	366,896
To foreign persons .....	27,647	27,624
To the foreign parent group .....	10,647	11,001
To foreign affiliates .....	785	636
To other foreigners .....	16,215	15,987

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

10. As noted earlier, insurance services are measured as total premiums on primary insurance and reinsurance minus the portion of premiums attributable to expected or "normal" losses. Insurance services also include auxiliary insurance services, such as agents' commissions, actuarial services, insurance brokering and agency services, and salvage administration services.

Sales by affiliates—of both goods and services—are predominantly local transactions. In 2001, 84 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 61 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 91 percent of sales of goods.<sup>12</sup>

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 1994–2001 in table 8.<sup>13</sup> Tables 9.1 and 9.2 present sales by primary industry of the foreign affiliate cross-classified by country in 2000 and 2001. Tables 10.1 and 10.2 present sales by primary industry of the U.S. affiliate cross-classified by country of UBO in 2000 and 2001.

### Foreign affiliates' sales to foreign persons

In 2001, sales of services to foreign customers by nonbank, majority-owned foreign affiliates of U.S. companies were \$432.2 billion. By area, affiliates in Europe accounted for 54 percent of the total sales, followed by affiliates in Asia and Pacific (20 percent), Latin America and Other Western Hemisphere (13 percent), and Canada (12 percent). By country, the United Kingdom accounted for the largest share of sales, followed by Canada, Japan, and Germany.

By industry sector, sales of services were largest in finance (except depository institutions) and insurance; in utilities; in professional, scientific, and technical services; and in information. In nonbank 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 com-

puter systems design and related services, followed by affiliates in architectural, engineering, and related services and in management, scientific, and technical consulting.<sup>14</sup> 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 5 percent in 2001 after increasing 17 percent in 2000. Growth in sales slowed in 2001 because of slow economic growth in many of the countries that are important markets for sales of services abroad, including the United Kingdom, Canada, Japan, and Germany. In addition, growth in sales of services from 1998 to 2000 had been stimulated by exceptionally high levels of cross-border mergers and acquisitions. However, this period ended after 2000. As a result, in 2001, there were fewer newly acquired businesses to fuel the growth in sales of services.

By region, affiliates in Europe had the largest increase in sales, followed by those in Latin America and Other Western Hemisphere. Within Europe, the United Kingdom, the Netherlands, and Germany accounted for most of the increase. In the United Kingdom, affiliates in utilities accounted for the largest share of the increase, followed by affiliates in finance (except depository institutions) and insurance and in information. In utilities, the increase was largely attributable to sales by newly acquired utility companies and to growth in sales by energy traders. In nonbank finance and insurance, the increase was largely the result of increased sales by existing affiliates in securities, commodity contracts, and other intermediation and related activities; in information, the increase largely resulted from increased sales by affiliates in information and data processing services. In the Netherlands, the increase was largely in utilities and was entirely attributable to increased sales by energy traders. In Germany, the increase was largely in nonbank finance and insurance and was due to growth in sales by finance affiliates, mostly those associated with manufacturing firms. In Latin America and Other Western Hemisphere, the increase in sales was mainly accounted for by newly acquired Mexican affiliates in nonbank finance and insurance and newly acquired utilities in several Latin American countries. In Asia and Pacific and in the Middle East, sales of services fell. In Asia

12. 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 2001, these exports represented 9 percent of total sales of goods by these affiliates.

13. 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.

14. 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 68.

and Pacific, the decrease was spread across many industries. In the Middle East, the decrease was largely in information and reflected the completion of a few large contracts.

By industry sector, the largest increases were in utilities, in finance (except depository institutions) and insurance, and in information. In utilities, the increase was attributable to new acquisitions and to the increased sales of energy traders in Europe. In nonbank finance and insurance, the increase was due to new acquisitions in Mexico and to increased sales by affiliates in Germany and the United Kingdom. In information, the increase reflected increased sales by affiliates in information services in the United Kingdom and by affiliates in software publishing in Japan.

### U.S. affiliates' sales in the United States

In 2001, sales of services to U.S. customers by nonbank majority-owned U.S. affiliates of foreign companies

were \$366.9 billion. By area of the affiliates' ultimate beneficial owner (UBO), Europe accounted for the largest share of total sales (68 percent), followed by Canada (13 percent), Asia and Pacific (11 percent), and Latin America and Other Western Hemisphere (7 percent). By country of UBO, the United Kingdom accounted for the largest share of sales, followed by Canada, the Netherlands, France, and Germany.

By industry sector, the largest sales were in finance (except depository institutions) and insurance, followed by information and by professional, scientific, and technical services. Insurance accounted for most of the sales in nonbank finance and insurance. In information, the largest sales were in broadcasting and telecommunications (primarily telecommunications), followed by publishing. In professional, scientific, and technical services, the largest sales were in advertising.

U.S. affiliates' sales of services in the United States increased 7 percent in 2001 after increasing 17 percent

#### 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. Diplomats and military and civilian government personnel are not classified as travelers regardless of their length of stay; their expenditures are included in other international transactions accounts. 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 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 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 of goods and expenses that transportation companies incur in U.S. and foreign ports. Freight charges cover the receipts of U.S. carriers for transporting U.S. exports of goods, for transporting goods between two foreign points, and the payments to foreign carriers for transporting U.S. imports of goods. (Freight insurance on goods exports and imports is included in insurance 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 assets and 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.

*continued on page 73*

in 2000. Weak U.S. economic growth coincided with the end of the period of exceptionally high levels of cross-border mergers and acquisitions that had contributed to the growth in sales of services by U.S. affiliates from 1998 to 2000. New direct investments by foreign multinational companies decreased significantly in 2001, falling 56 percent from the record level established in 2000.<sup>15</sup> However, despite the decrease in cross-border merger and acquisition activity, the increase in sales of services in 2001 was mostly attributable to the acquisitions that did occur.

15. According to data from BEA's survey of new foreign direct investment in the United States (FDIUS), outlays to acquire or establish U.S. businesses were \$147.1 billion in 2001, down from \$335.6 billion in 2000; see Thomas W. Anderson, "Foreign Direct Investment in the United States: New Investment in 2002," *SURVEY* 83 (June 2003): 55–62. These data cover only transactions involving U.S. businesses newly acquired or established by foreign direct investors. For additional information about FDIUS, including transactions involving both new and existing U.S. affiliates, see Zeile, "Operations in 2001" and Maria Borgia and Daniel R. Yorgason, "Direct Investment Positions in 2001: Country and Industry Detail," *SURVEY* 82 (July 2002): 21–31. (These articles contain preliminary data for 2001; for the direct investment position, revised data for 2001 were published in Maria Borgia, "Direct Investment Positions in 2002: Country and Industry Detail," *SURVEY* 83 (July 2003): 22–31.)

The largest increase in affiliates' sales of services was by affiliates with UBO's in Europe. Within Europe, the largest increases were by French and Dutch affiliates. For France, the largest increases were by affiliates in the motion picture and sound recording industry and in the food services and drinking places industry. The increased sales of services by affiliates in these industries resulted from acquisitions, some of which were of existing U.S. affiliates owned by investors in other countries. Consequently, a portion of the increase in sales of services by French-owned affiliates was offset by decreases in the sales of services by affiliates from the countries of the former foreign parents. For the Netherlands, the increase was more than accounted for by increased sales by nonlife insurance carriers, mainly due to acquisitions. The second largest increase in sales of services was by affiliates with UBO's in Latin America and Other Western Hemisphere, largely due to affiliates in management, scientific, and technical consulting with UBO's in Bermuda. These affiliates resulted from inversions in ownership for U.S. companies that had previously been headquartered in the

#### Types of Cross-Border Services: Coverage and Definitions—*continued*

**"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. Education excludes fees associated with distance-learning technologies and educational and training services provided on a contract or fee basis; these transactions are included in training services under business, professional, and technical services.

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 financial services. Implicit fees paid and received on bond trading are also covered.

Insurance consists of the portion of premiums earned or incurred for primary insurance and for reinsurance that is for the provision of services. It therefore excludes the portion of premiums earned or incurred that is for the payment of expected or "normal" losses. It also includes auxiliary insurance services, such as agents' commissions, actuarial services, insurance brokering and agency services, and salvage administration services. Primary insurance mainly consists of life insurance and property and casualty insurance, and each type may be reinsured.<sup>1</sup>

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 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 motion pictures and television programs. Payments consist primarily of payments by U.S. distributors to unaffiliated foreign residents for the display, reproduction, or distribution of foreign motion pictures and television programs.

1. Reinsurance is the ceding of a portion of a premium to another insurer who then assumes a corresponding portion of the risk. Reinsurance is one way of providing coverage for events with so high a degree of risk or liability that a single insurer is unwilling or unable to underwrite insurance against their occurrence.



United States or that had been units of U.S.-headquartered companies.<sup>16</sup> Elsewhere in Latin America and Other Western Hemisphere, the acquisitions of new affiliates providing support activities for mining operations boosted the sales of services. Sales of services by affiliates with UBO's in Asia and Pacific fell; the decrease was more than accounted for by Japanese-owned affiliates and was due to reduced sales by existing affiliates in computers and electronics manufacturing and in motor vehicle wholesaling. Sales of services by Canadian-owned affiliates fell because of the selloffs of affiliates in the information sector.

By industry sector, the largest increase in sales of services by U.S. affiliates was by affiliates in professional, scientific, and technical services, followed by those in utilities, in the accommodation and food services industry, and in finance (except depository institutions) and insurance. The increase in professional, scientific, and technical services was due to the entry of new affiliates, including those created by corporate inversions. For utilities, accommodation and food services, and nonbank finance and insurance, the increases were largely the result of acquisitions.

### Appendix: Improvements to BEA's Estimates of U.S. International Services, 1990–2003

In this appendix, the improvements to BEA's estimates of U.S. international services since 1990 are summarized. The improvements are shown in the year in which they were made. The discussion identifies how far back each of the improvements resulting from new estimation methods or reclassification was carried. Improvements resulting from the expanded coverage of BEA's surveys, with the exception of the 1994 and 1999 benchmark surveys of financial services transactions (see below), begin the year that the survey was conducted.

#### 1990

Services were redefined to exclude investment income. This improvement was carried back to the estimates for 1960.

#### 1992

Trade in services between affiliated enterprises began to be recorded on a gross basis. The adoption of a

methodology for recording these transactions on a gross basis was implemented both for royalties and license fees and for transactions recorded in the "other private services" account. This improvement was carried back to the estimates for 1982. Previously, services transactions between U.S. parent companies and their foreign affiliates had been netted and recorded under services exports, and similar transactions between U.S. affiliates of foreign companies and their foreign parents had been netted and recorded under services imports. This treatment obscured the two-way flow of intrafirm services trade, and as a result, total exports and imports of services were understated.

Using better source data improved the coverage and accuracy of the travel, passenger fares, and transportation accounts. Partner-country data began to be used in developing estimates of travel transactions with Mexico. New estimates of U.S. international cruise transactions, of interline settlements between U.S. airlines and foreign airlines, and of U.S. rail carriers' revenues for transporting foreign-owned goods shipped through the United States from one foreign destination to another were introduced. These improvements, except for the improvement to rail travel, were carried back to the estimates for 1984; the improvement to rail travel was carried back to the estimates for 1986.

The results of the second benchmark survey of Selected Services Transactions with Unaffiliated Foreign Persons for 1991 were presented. The previous benchmark survey covered transactions in 1986. The once-every-5-year benchmark survey primarily covers business, professional, and technical services. It provides a more detailed breakdown of certain types of services than is available from BEA's annual surveys. The coverage of the benchmark survey was expanded by introducing a new exemption criterion and by adding several new types of services, including "miscellaneous disbursements" (such as outlays to fund news-gathering costs of broadcasters and disbursements to fund production costs of motion pictures companies).

Royalties and license fees and "other private services" began to be recorded *before* the deduction of withheld nonresident taxes. Previously, these transactions were recorded *after* the deduction of withheld taxes. These improvements were carried back to the estimates for 1982.

#### 1994

Monthly estimates of U.S. international services transactions were introduced in a joint news release with the Bureau of Census on "U.S. International Trade in Goods and Services." The release, which replaced a Census Bureau release on trade in goods, responded to the increased emphasis on services by economic ana-

16. A corporate inversion occurs when a U.S. corporation forms a corporation, typically in a foreign low- or no-tax country and simultaneously "inverts" the corporate chain of ownership, so that the new foreign corporation becomes the parent company and the U.S.-based company becomes its affiliate. While the U.S. affiliate in an inverted corporate structure is owned by a foreign parent company, that company, in turn, generally is largely or wholly owned by U.S. persons—namely, the U.S. affiliate's former stockholders.

lysts and policymakers and the need for more timely measures of services activity. It provided a few highly aggregated series on services, which were mainly estimated by indicator series.

In addition, a new measure of expenditures of foreign embassies and consular offices in the United States was introduced. This improvement was carried back to the estimates for 1993.

### 1995

Estimates of freight charges for the transportation of goods by truck between the United States and Canada were introduced. The addition of these charges recognized the following: The impact of deregulation in the 1980s that opened truck transportation in the United States and Canada to each other's carriers; the growing importance of the transportation of goods by truck as the volume of United States-Canadian trade expanded; and the encouragement of commerce between the United States and Canada due to the United States-Canada Free Trade Agreement (1989) and the North American Free Trade Agreement (1993). This improvement was carried back to the estimates for 1986.

### 1996

More accurate and complete estimates of transactions in financial services were introduced, based on BEA's first (1994) Benchmark Survey of Financial Services Transactions Between U.S. Financial Services Providers and Unaffiliated Foreign Persons. The estimates replaced partial estimates that had been prepared by indirect methods. The results from this benchmark survey were used to revise BEA's estimates back to 1992. Less comprehensive annual surveys of financial services were begun to provide coverage between benchmark years.

### 1997

The results of the third Benchmark Survey of Selected Services Transactions With Unaffiliated Foreign Persons were released. The survey, which covered 1996, provided data that filled in gaps in several new, growing, and volatile services categories, mainly in business, professional, and technical services.

Estimates of affiliated royalties and license fees and affiliated "other private services" were revised to incorporate the results of the 1992 Benchmark Survey of Foreign Direct Investment in the United States.

Several improvements to the transportation estimates were made by incorporating newly available source data. Census Bureau data on freight charges for the transportation of goods by truck between the United States and Canada replaced the BEA projections that had previously been used to estimate truck

receipts and payments. In addition, estimates of foreign-operated ocean carriers' expenses in U.S. ports were revised to reflect newly available data—from a BEA survey of ocean transportation—on the types of expenses incurred in U.S. ports by foreign ocean carriers. These improvements were carried back to the estimates for 1992.

The preliminary results of the annual surveys of financial services for 1995 and 1996 were incorporated into the estimates of financial services. The incorporation of these data updated results from the first benchmark survey of financial services with unaffiliated foreigners for 1994.

### 1998

Computer software royalties and license fees were reclassified to royalties and license fees from "other private services" in order to better reflect the nature of these transactions as involving intangible assets and to combine them with similar transactions. This improvement was carried back to the estimates for 1992.

"Operational leasing of transportation equipment without crew" was reclassified from the transportation accounts to "other private services." This reclassification consolidated most types of operational leasing into one account, and it is consistent with international guidelines. The reclassification reflected the availability of improved source data—from BEA's surveys of selected services—on leasing of other types of equipment. This improvement was carried back to the estimates for 1986.

New detail on intrafirm trade in services that identified some of the types of services traded within multinational firms was published. This detail was first collected in the 1994 benchmark survey of U.S. direct investment abroad and was presented in the publication of the final results of that survey. An annual series was introduced in the 1998 article on U.S. international sales and purchases of services. (Similar data for U.S. affiliates were first collected on the 1997 benchmark survey of foreign direct investment in the United States.)

### 1999

Compensation of employees, which was previously included indistinguishably in services, was reclassified to the income account to achieve consistency with international guidelines. This improvement was carried back to the estimates for 1986.

Improved estimates of medical services provided to foreign residents at U.S. hospitals were introduced. The new estimates used both an improved methodology and newly available source data. This improvement was carried back to the estimates for 1997.

Estimates of U.S. residents' expenditures while traveling overseas were revised to incorporate the results of a one-time survey covering 1998. The results of the survey, which was completed by U.S. residents after they returned, were compared with the results of the International Trade Administration's in-flight survey, which BEA uses to estimate U.S. travelers' expenditures and which is completed by travelers when they departed. BEA used the data from the one-time survey to develop adjustment factors that can be applied to the in-flight survey data.

## 2000

Improved estimates were introduced for several items, including noncompensation expenditures by foreign embassies and consulates and by international organizations in the United States, and expenditures of temporary nonagricultural workers in the United States. These improvements were carried back to the estimates for 1986.

Estimates of financial services were revised to incorporate the results from the 1999 benchmark survey of financial services transactions. The results from this survey were used to revise BEA's estimates back to 1997.

## 2001

Estimates of intrafirm trade in services for U.S. affiliates of foreign companies were presented for the first time, and a new table for intrafirm trade in services by type that better integrated these data with the international transactions accounts was introduced.

Estimates of affiliated royalties and license fees and affiliated other private services were revised to incorporate the results of the 1997 Benchmark Survey of Foreign Direct Investment in the United States.

## 2002

"Other private services" receipts and payments were revised to incorporate the results from BEA's benchmark survey of selected services transactions with unaffiliated foreigners for 2001. The survey was also updated to cover services that are becoming increasingly important in the global market; for example, telecommunications "value-added services" was updated to include a specific reference to broadband access services, and "other business, professional, and technical services" was updated to include auction services and waste treatment services.

## 2003

BEA implemented a new method to measure insurance

services. Insurance services were previously measured as premiums less actual losses paid or recovered. A major shortcoming of the previous measure is that losses can fluctuate from period to period in a way that bears little relation to the services provided. Using the new method, the services are measured as premiums less expected, or "normal," losses; normal losses are inferred from the relationship between actual losses and premiums averaged over several years. This improvement was carried back to the estimates for 1992. In addition, auxiliary insurance services were reclassified from business, professional, and technical services to insurance.

The results of the 2001 Benchmark Survey of Selected Services Transactions With Unaffiliated Foreign Persons were released.

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

	1996	2001 <sup>1</sup>
<b>U.S. receipts</b>		
Agricultural services .....	(*)	0.1
Computer and data processing services .....	1.6	3.2
Data entry, processing, and tabulation .....	0.3	0.8
Systems analysis, design, engineering, and custom programming .....	0.6	1.8
Integrated hardware/software systems .....	0.3	0.3
Other .....	0.4	0.4
Data base and other information services .....	1.2	2.2
Business and economic data base services .....	0.3	0.4
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	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 <sup>1</sup> .....	0.3	0.2
Telecommunications .....	3.3	4.5
Message telephone services .....	2.6	2.5
Private leased channel services .....	0.4	(D)
Telex, telegram, and other jointly-provided (basic) services .....	(*)	0.1
Value added services .....	(*)	0.7
Support services .....	0.2	(D)
<b>U.S. payments</b>		
Agricultural services .....	(*)	(*)
Employment agencies and temporary help services .....	(*)	(*)
Mailing, reproduction, and commercial art .....	(*)	(*)
Management of health care facilities .....	(*)	(*)
Miscellaneous Disbursements .....	0.8	1.4
Disbursements to fund production costs of motion pictures .....	0.2	0.5
All other disbursements <sup>1</sup> .....	0.6	0.9
Telecommunications .....	8.3	4.8
Message telephone services .....	8.2	4.2
Private leased channel services .....	(*)	0.2
Telex, telegram, and other jointly-provided (basic) services .....	(*)	(D)
Value added services .....	(*)	0.2
Support services .....	(*)	(D)

<sup>1</sup> Revised

\* Less than \$50 million.

D Suppressed to avoid disclosure of data of individual companies.

1. Consists of disbursements to fund news-gathering costs of broadcasters and print media and production costs of broadcast program material other than news; disbursements to fund production costs of motion pictures; disbursements to maintain government tourism and business promotion office; and disbursements for sales promotion and representation. Payments also include disbursements to participate in foreign trade shows.

NOTE: Details may not add to totals because of rounding.

### 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](http://www.bea.gov)>, or by e-mail at <[internationalaccounts@bea.gov](mailto:internationalaccounts@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 *Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey* (Washington, DC: U.S. Government Printing Office, 2001) and *U.S. Direct Investment Abroad: 1994 Benchmark Survey, Final Results* (Washington, DC: U.S. Government Printing Office, 1998). (The final results of the 1999 benchmark survey of U.S. direct investment abroad, including an updated methodology, is scheduled to be published in the coming months.) For additional information on the methodology 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 detailed information on the 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. The changes in methodology since 1990 are summarized in the appendix to this article "Improvements to BEA's Estimates of U.S. International Services, 1990-2003" on page 74.

These methodologies and the SURVEY articles for July 1996-2002 are also available on BEA's Web site at <[www.bea.gov/bea/pubs.htm](http://www.bea.gov/bea/pubs.htm)>.

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Table 1. Private Services Trade by Type, 1992–2002

[Millions of dollars]

	Exports										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Total private services</b> .....	<b>163,596</b>	<b>171,079</b>	<b>186,089</b>	<b>203,060</b>	<b>221,390</b>	<b>237,877</b>	<b>243,811</b>	<b>264,695</b>	<b>283,484</b>	<b>275,498</b>	<b>279,495</b>
<b>Travel</b> .....	<b>54,742</b>	<b>57,875</b>	<b>58,417</b>	<b>63,395</b>	<b>69,809</b>	<b>73,426</b>	<b>71,325</b>	<b>74,801</b>	<b>82,400</b>	<b>71,893</b>	<b>66,547</b>
Overseas.....	40,864	45,298	47,299	54,331	59,905	63,041	61,262	63,947	70,050	59,978	54,772
Canada.....	8,182	7,458	6,252	6,207	6,900	6,945	6,245	6,740	7,188	6,595	6,268
Mexico.....	5,696	5,119	4,866	2,857	3,004	3,440	3,818	4,114	5,162	5,320	5,507
<b>Passenger fares</b> .....	<b>16,618</b>	<b>16,528</b>	<b>16,997</b>	<b>18,909</b>	<b>20,422</b>	<b>20,868</b>	<b>20,098</b>	<b>19,785</b>	<b>20,687</b>	<b>17,926</b>	<b>17,046</b>
<b>Other transportation</b> .....	<b>21,531</b>	<b>21,958</b>	<b>23,754</b>	<b>26,081</b>	<b>26,074</b>	<b>27,006</b>	<b>25,604</b>	<b>26,916</b>	<b>29,803</b>	<b>28,442</b>	<b>29,166</b>
Freight.....	8,441	8,594	9,575	11,273	11,146	11,789	11,048	11,560	12,547	11,731	12,330
Port services.....	13,088	13,364	14,180	14,809	14,929	15,217	14,557	15,356	17,256	16,711	16,836
<b>Royalties and license fees</b> .....	<b>20,841</b>	<b>21,695</b>	<b>26,712</b>	<b>30,289</b>	<b>32,470</b>	<b>33,228</b>	<b>35,626</b>	<b>39,670</b>	<b>43,233</b>	<b>41,098</b>	<b>44,142</b>
Affiliated.....	15,659	15,688	20,275	22,859	24,556	24,465	26,313	29,275	30,479	29,023	32,218
U.S. parents' transactions.....	14,925	14,936	19,250	21,399	22,719	23,091	24,362	27,575	28,255	27,030	29,066
U.S. affiliates' transactions.....	733	752	1,025	1,460	1,837	1,374	1,951	1,700	2,224	1,993	3,152
Unaffiliated.....	5,183	6,007	6,437	7,430	7,914	8,763	9,314	10,395	12,754	12,075	11,924
Industrial processes.....	2,525	2,820	3,026	3,513	3,566	3,544	3,499	3,900	4,662	4,226	3,900
Other.....	2,657	3,187	3,411	3,917	4,348	5,219	5,815	6,496	8,093	7,849	8,024
<b>Other private services</b> .....	<b>49,864</b>	<b>53,023</b>	<b>60,209</b>	<b>64,386</b>	<b>72,615</b>	<b>83,349</b>	<b>91,158</b>	<b>103,523</b>	<b>107,361</b>	<b>116,139</b>	<b>122,594</b>
Affiliated services.....	16,823	16,813	19,825	20,483	22,931	27,107	28,176	32,809	35,857	39,760	43,500
U.S. parents' transactions.....	10,479	10,902	13,313	13,033	14,118	17,288	18,135	22,222	23,107	24,759	25,194
U.S. affiliates' transactions.....	6,344	5,911	6,512	7,450	8,813	9,819	10,041	10,587	12,750	15,001	18,306
Unaffiliated services.....	33,040	36,205	40,384	43,903	49,684	56,242	62,982	70,714	71,504	76,379	79,094
Education.....	6,186	6,738	7,174	7,515	7,887	8,346	9,036	9,616	10,348	11,478	12,759
Financial services.....	4,034	4,999	5,763	7,029	8,229	10,243	11,327	13,410	15,522	15,228	15,859
Insurance services.....	588	506	408	588	926	1,367	2,065	2,083	2,486	2,399	2,839
Telecommunications.....	2,885	2,785	2,865	3,228	3,301	3,918	5,570	4,549	3,883	4,504	4,137
Business, professional, and technical services.....	11,722	12,958	15,330	16,078	19,466	21,547	22,676	27,700	25,318	28,611	28,799
Accounting, auditing, and bookkeeping services.....	164	164	132	181	222	316	412	294	366	389	360
Advertising.....	315	338	487	425	543	607	445	481	496	526	633
Agricultural, mining, and on-site processing services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	573	591	306	378	366
Agricultural and mining services <sup>1</sup> .....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	573	591	306	353	346
Waste treatment and depollution services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	25	20
Architectural, engineering, and other technical services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2,541	2,620	1,459	2,078	1,916
Computer and data processing services.....	778	986	1,306	1,340	1,617	2,011	1,941	3,312	3,262	3,217	3,004
Construction, architectural, engineering, and mining services <sup>2</sup> .....	1,935	2,407	2,474	2,550	3,553	3,503	n.a.	n.a.	n.a.	n.a.	n.a.
Construction.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	793	2,643	673	552	654
Data base and other information services.....	641	694	1,026	1,078	1,158	1,479	1,764	2,131	2,360	2,241	2,426
Industrial engineering.....	212	268	575	726	870	1,186	1,271	1,865	673	731	749
Installation, maintenance, and repair of equipment.....	2,744	2,978	3,497	3,218	3,648	3,369	3,189	3,491	4,249	4,939	4,992
Legal services.....	1,358	1,442	1,617	1,667	1,943	2,223	2,406	2,465	3,103	3,309	3,270
Management, consulting, and public relations services.....	728	826	1,134	1,489	1,460	1,632	1,888	1,832	1,670	2,085	1,696
Medical services.....	708	750	794	856	1,005	1,113	1,204	1,353	1,501	1,676	1,901
Miscellaneous disbursements <sup>3</sup> .....	97	222	222	251	333	144	148	109	151	194	623
Operational leasing.....	854	834	925	978	1,482	2,012	2,367	2,671	3,086	3,723	3,573
Research, development, and testing services.....	611	464	522	638	681	893	867	994	910	1,065	1,086
Sports and performing arts.....	43	77	86	116	149	149	99	131	141	176	175
Trade-related services <sup>4</sup> .....	n.a.	n.a.	n.a.	n.a.	175	166	183	188	98	375	353
Training services.....	320	319	388	421	388	447	396	389	433	477	591
Other business, professional and technical services <sup>5</sup> .....	217	191	143	147	240	297	190	143	381	480	430
Other unaffiliated services <sup>6</sup> .....	7,625	8,220	8,845	9,465	9,874	10,821	12,312	13,357	13,948	14,160	14,700

See footnotes at end of table.

Table 1. Private Services Trade by Type, 1992–2002—Continued

[Millions of dollars]

	Imports										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>Total private services</b> .....	<b>102,014</b>	<b>107,808</b>	<b>118,344</b>	<b>126,754</b>	<b>136,885</b>	<b>149,966</b>	<b>163,565</b>	<b>180,531</b>	<b>204,665</b>	<b>201,615</b>	<b>205,234</b>
<b>Travel</b> .....	<b>38,552</b>	<b>40,713</b>	<b>43,782</b>	<b>44,916</b>	<b>48,078</b>	<b>52,051</b>	<b>56,483</b>	<b>58,963</b>	<b>64,705</b>	<b>60,200</b>	<b>58,044</b>
Overseas.....	29,838	31,859	34,534	35,281	37,436	40,667	44,395	46,925	51,775	47,144	44,494
Canada.....	3,554	3,692	3,914	4,319	4,670	4,904	5,692	6,233	6,284	6,345	6,489
Mexico.....	5,160	5,162	5,334	5,316	5,972	6,480	6,396	5,805	6,646	6,711	7,061
<b>Passenger fares</b> .....	<b>10,603</b>	<b>11,410</b>	<b>13,062</b>	<b>14,663</b>	<b>15,809</b>	<b>18,138</b>	<b>19,971</b>	<b>21,315</b>	<b>24,274</b>	<b>22,633</b>	<b>19,969</b>
<b>Other transportation</b> .....	<b>23,767</b>	<b>24,524</b>	<b>26,019</b>	<b>27,034</b>	<b>27,403</b>	<b>28,959</b>	<b>30,363</b>	<b>34,139</b>	<b>41,425</b>	<b>38,682</b>	<b>38,527</b>
Freight.....	13,571	14,518	16,006	16,455	16,539	17,654	19,412	22,218	27,388	25,736	25,973
Port services.....	10,197	10,005	10,013	10,579	10,864	11,305	10,950	11,925	14,037	12,946	12,554
<b>Royalties and license fees</b> .....	<b>5,161</b>	<b>5,032</b>	<b>5,852</b>	<b>6,919</b>	<b>7,837</b>	<b>9,161</b>	<b>11,235</b>	<b>13,107</b>	<b>16,468</b>	<b>16,713</b>	<b>19,258</b>
Affiliated.....	3,396	3,386	3,933	5,256	5,406	6,749	8,547	10,374	12,536	13,310	15,132
U.S. parents' transactions.....	189	234	420	583	761	1,379	1,782	2,310	2,469	2,541	2,958
U.S. affiliates' transactions.....	3,207	3,152	3,513	4,673	4,645	5,370	6,765	8,064	10,067	10,769	12,174
Unaffiliated.....	1,766	1,646	1,919	1,663	2,431	2,412	2,688	2,733	3,932	3,403	4,126
Industrial processes.....	818	1,054	1,034	948	1,319	1,417	1,319	1,568	1,692	1,796	1,935
Other.....	948	592	884	714	1,112	995	1,369	1,164	2,241	1,607	2,192
<b>Other private services</b> .....	<b>23,931</b>	<b>26,129</b>	<b>29,629</b>	<b>33,222</b>	<b>37,758</b>	<b>41,657</b>	<b>45,513</b>	<b>53,007</b>	<b>57,793</b>	<b>63,387</b>	<b>69,436</b>
Affiliated services.....	9,640	10,677	12,451	13,634	15,548	17,625	19,437	25,790	28,776	30,053	32,367
U.S. parents' transactions.....	5,355	5,721	6,538	6,861	7,084	9,012	10,415	15,480	16,267	16,774	17,529
U.S. affiliates' transactions.....	4,285	4,956	5,913	6,773	8,464	8,613	9,022	10,310	12,509	13,279	14,838
Unaffiliated services.....	14,286	15,448	17,178	19,588	22,210	24,032	26,076	27,217	29,017	33,334	37,069
Education.....	767	857	972	1,125	1,253	1,396	1,587	1,807	2,034	2,269	2,466
Financial services.....	986	1,371	1,654	2,472	2,907	3,347	3,590	3,418	4,564	4,049	3,665
Insurance services.....	2,885	2,886	3,210	3,272	3,600	3,983	5,298	6,366	7,598	11,613	15,348
Telecommunications.....	6,052	6,365	6,928	7,305	8,290	8,346	7,682	6,601	5,428	4,756	4,180
Business, professional, and technical services.....	3,102	3,504	3,869	4,822	5,547	6,407	7,392	8,449	8,769	10,034	10,732
Accounting, auditing, and bookkeeping services.....	104	103	130	170	218	279	403	592	531	844	716
Advertising.....	450	646	728	833	971	773	912	881	909	1,183	1,360
Agricultural, mining, and on-site processing services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	259	304	302	273
Agricultural and mining services <sup>1</sup> .....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	301	259	304	297
Waste treatment and depollution services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5	14
Architectural, engineering, and other technical services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	54	19	18	125	312
Computer and data processing services.....	71	101	83	126	276	636	917	1,323	1,452	1,419	1,057
Construction, architectural, engineering, and mining services <sup>2</sup> .....	261	319	280	345	465	463	n.a.	n.a.	n.a.	n.a.	n.a.
Construction.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	208	237	184	169	226
Data base and other information services.....	72	110	141	160	146	128	152	171	179	250	236
Industrial engineering.....	112	142	100	160	197	211	206	262	241	192	185
Installation, maintenance, and repair of equipment.....	191	175	164	160	239	307	242	315	821	715	812
Legal services.....	311	321	383	469	615	539	655	742	893	762	768
Management, consulting, and public relations services.....	243	287	321	465	497	687	872	842	702	792	1,188
Medical services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Miscellaneous disbursements <sup>3</sup> .....	395	371	538	843	750	1,075	1,136	1,351	1,120	1,367	1,522
Operational leasing.....	337	356	401	407	325	189	175	173	188	207	190
Research, development, and testing services.....	225	239	294	364	379	564	637	749	787	826	1,040
Sports and performing arts.....	145	156	122	120	200	260	228	206	85	168	110
Trade-related services <sup>4</sup> .....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	52	95
Training services.....	101	101	137	145	140	153	168	162	205	393	361
Other business, professional and technical services <sup>5</sup> .....	85	75	46	59	129	142	128	163	149	265	283
Other unaffiliated services <sup>6</sup> .....	495	465	547	593	613	553	527	577	624	613	679

n.a. Not available

\* Less than \$500,000.

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

1. Prior to 1998, mining services are included in construction, architectural, engineering, and mining services, and agricultural services are included in other business, professional and technical services.

2. Beginning in 1998, the services that comprise this category are shown separately as agricultural and mining services; architectural, engineering, and other technical services; and construction services. Prior to 1998, agricultural services were included in other business, professional, and technical services.

3. Miscellaneous disbursements include transactions such as outlays to fund news-gathering costs of broadcasters and disbursements to fund production costs of motion pictures companies.

4. Trade-related services consist of auction services, Internet or online sales services, and services provided by independent sales agents. For exports, "merchandise" services are also included. The value of merchandise services equals

the difference between the cost and resale prices of goods that are purchased and resold abroad, without entering or leaving the United States and without undergoing significant processing between the time they are purchased and the time they are resold. Merchandise services are not recorded for U.S. imports; instead, the value of any services provided by foreign merchants in connection with U.S. imports is included indistinguishably in the value of the goods. Data on U.S. exports of merchandise services were collected beginning in 1996, and data on other trade-related services were collected beginning in 2001. In 2001 and 2002, merchandise services exports were \$129 million and \$106 million, respectively.

5. Other business, professional, and technical services consists of language translation services; security services; collection services; salvage services; satellite photography and remote sensing/satellite imagery services; transcription services; mailing, reproduction, and commercial art services; personnel supply services; and management of health care facilities services. Prior to 1998, this category also includes agricultural services.

6. 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, 1992–2002

[Millions of dollars]

	Exports										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>All countries</b> .....	<b>163,596</b>	<b>171,079</b>	<b>186,089</b>	<b>203,060</b>	<b>221,390</b>	<b>237,877</b>	<b>243,811</b>	<b>264,695</b>	<b>283,484</b>	<b>275,498</b>	<b>279,495</b>
<b>Canada</b> .....	<b>17,260</b>	<b>16,917</b>	<b>16,955</b>	<b>17,739</b>	<b>19,331</b>	<b>20,331</b>	<b>19,287</b>	<b>22,450</b>	<b>24,401</b>	<b>24,543</b>	<b>24,294</b>
<b>Europe</b> .....	<b>60,481</b>	<b>62,167</b>	<b>67,196</b>	<b>73,017</b>	<b>80,959</b>	<b>85,972</b>	<b>94,022</b>	<b>101,342</b>	<b>107,671</b>	<b>104,936</b>	<b>110,292</b>
Belgium-Luxembourg .....	2,312	2,215	2,594	2,659	2,834	2,826	2,981	3,314	3,285	3,359	4,233
France .....	6,979	6,802	6,674	7,877	8,859	9,269	9,618	9,955	10,507	10,115	10,740
Germany <sup>1)</sup> .....	10,823	11,330	11,500	12,667	13,282	13,854	14,889	16,272	16,104	15,146	16,056
Italy .....	4,519	4,080	4,267	4,504	4,853	4,968	5,583	5,280	5,431	5,146	5,386
Netherlands .....	3,723	4,095	5,470	6,110	7,032	7,350	6,606	6,966	7,047	6,982	7,219
Norway .....	1,126	1,243	1,147	1,209	1,370	1,398	1,403	1,427	1,392	1,483	1,487
Spain .....	2,450	2,268	2,661	2,988	3,095	3,421	3,518	3,909	3,806	3,432	3,638
Sweden .....	1,761	1,737	1,741	1,886	2,461	2,378	2,577	2,361	3,479	3,206	3,223
Switzerland .....	2,881	2,996	3,692	3,895	4,347	4,337	4,961	4,989	5,978	6,524	6,750
United Kingdom .....	16,069	17,128	17,716	18,721	20,027	23,610	26,452	29,735	31,738	30,888	31,816
Other .....	8,738	8,270	9,562	10,352	12,798	12,561	15,433	17,133	18,888	18,649	19,744
<b>Latin America and Other Western Hemisphere</b> .....	<b>26,611</b>	<b>28,912</b>	<b>32,359</b>	<b>32,821</b>	<b>35,486</b>	<b>42,106</b>	<b>46,512</b>	<b>50,608</b>	<b>54,258</b>	<b>54,364</b>	<b>52,304</b>
South and Central America .....	23,121	25,077	27,779	27,506	29,708	34,978	38,322	39,648	42,508	41,671	38,505
Argentina .....	1,775	2,120	2,445	2,381	2,745	3,369	3,569	3,630	3,575	3,216	1,701
Brazil .....	2,499	2,943	3,731	4,992	5,205	6,405	6,617	5,639	6,285	6,235	4,977
Chile .....	612	770	1,147	977	1,172	1,421	1,355	1,543	1,427	1,283	1,155
Mexico .....	10,456	10,396	11,319	8,695	9,417	10,782	11,622	12,807	14,302	15,152	15,902
Venezuela .....	1,991	2,427	2,136	2,492	2,396	2,679	3,071	3,279	3,305	3,483	2,884
Other .....	5,805	6,445	7,016	7,987	8,769	10,326	12,094	12,752	13,615	12,304	11,886
Other Western Hemisphere .....	3,488	3,832	4,579	5,318	5,778	7,128	8,187	10,960	11,748	12,694	13,799
Bermuda .....	415	490	558	757	778	890	1,159	1,413	1,731	3,131	4,595
Other .....	3,071	3,342	4,022	4,561	5,000	6,239	7,027	9,546	10,016	9,562	9,203
<b>Africa, Middle East, and Asia and Pacific</b> .....	<b>54,686</b>	<b>58,330</b>	<b>64,610</b>	<b>74,134</b>	<b>79,821</b>	<b>83,757</b>	<b>77,867</b>	<b>84,205</b>	<b>90,782</b>	<b>85,750</b>	<b>86,108</b>
Africa .....	2,229	2,324	2,580	2,865	3,034	3,479	4,116	4,722	4,944	5,058	4,771
South Africa .....	462	493	624	797	841	1,002	1,066	1,316	1,423	1,285	1,130
Other .....	1,768	1,832	1,957	2,068	2,193	2,476	3,049	3,406	3,521	3,772	3,643
Middle East .....	3,992	4,144	5,046	5,778	6,669	6,841	7,448	7,785	6,890	6,921	6,369
Israel .....	921	1,106	1,482	1,631	1,895	1,925	2,054	2,260	2,413	2,371	2,263
Saudi Arabia .....	1,358	1,238	1,861	2,083	1,689	1,910	1,974	2,389	1,813	1,912	1,594
Other .....	1,712	1,800	1,701	2,064	3,087	3,004	3,418	3,136	2,664	2,638	2,511
Asia and Pacific .....	48,464	51,863	56,984	65,492	70,117	73,437	66,303	71,699	78,948	73,770	74,969
Australia .....	3,464	3,534	3,770	4,227	4,491	4,894	4,785	5,180	5,539	4,869	5,202
China .....	1,569	1,916	2,050	2,509	3,166	3,610	3,957	4,027	5,199	5,650	6,073
Hong Kong .....	2,255	2,351	2,790	2,979	3,323	3,626	3,462	3,529	3,766	3,496	3,382
India .....	1,092	1,137	1,224	1,316	1,494	1,595	1,879	2,039	2,534	3,006	3,273
Indonesia .....	770	892	874	1,153	1,413	1,789	1,474	1,486	1,113	1,005	1,021
Japan .....	25,399	26,596	28,713	33,029	33,274	33,731	29,687	30,810	33,147	30,053	29,688
Korea, Republic of .....	3,366	3,644	4,598	5,681	7,432	7,107	4,753	5,458	7,264	6,784	7,760
Malaysia .....	602	675	884	1,029	1,277	1,257	1,049	1,109	1,114	1,181	1,142
New Zealand .....	761	786	824	982	1,171	1,245	1,228	1,182	1,252	1,083	1,009
Philippines .....	967	1,240	1,181	1,055	1,233	1,499	1,319	1,652	1,609	1,605	1,514
Singapore .....	2,144	2,411	2,639	3,150	3,849	4,089	3,817	5,144	6,058	5,892	5,766
Taiwan .....	3,158	3,458	4,157	4,415	4,046	4,739	4,004	4,924	4,909	4,813	4,840
Thailand .....	748	1,013	1,014	1,183	1,213	1,238	1,160	1,134	1,171	1,075	1,139
Other .....	2,166	2,206	2,266	2,784	2,734	3,019	3,729	4,027	4,273	3,259	3,155
<b>International organizations and unallocated</b> .....	<b>4,533</b>	<b>4,731</b>	<b>4,969</b>	<b>5,347</b>	<b>5,792</b>	<b>5,713</b>	<b>6,122</b>	<b>6,089</b>	<b>6,387</b>	<b>5,910</b>	<b>6,492</b>
<b>Addenda:</b>											
European Union <sup>2)</sup> .....	51,594	52,460	55,850	63,797	70,051	74,783	81,941	88,796	94,004	90,665	95,670
Eastern Europe <sup>3)</sup> .....	1,162	1,674	2,183	2,583	3,277	3,387	3,718	3,713	3,710	4,023	4,110

See footnotes at end of table.

Table 2. Private Services Trade by Area and Country, 1992–2002—Continued

[Millions of dollars]

	Imports										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
<b>All countries</b> .....	<b>102,014</b>	<b>107,808</b>	<b>118,344</b>	<b>126,754</b>	<b>136,885</b>	<b>149,966</b>	<b>163,565</b>	<b>180,531</b>	<b>204,665</b>	<b>201,615</b>	<b>205,234</b>
<b>Canada</b> .....	<b>8,305</b>	<b>8,926</b>	<b>9,676</b>	<b>10,802</b>	<b>12,239</b>	<b>13,682</b>	<b>15,102</b>	<b>16,098</b>	<b>17,566</b>	<b>17,597</b>	<b>18,414</b>
<b>Europe</b> .....	<b>41,702</b>	<b>44,430</b>	<b>48,992</b>	<b>52,499</b>	<b>55,078</b>	<b>61,746</b>	<b>70,303</b>	<b>76,845</b>	<b>88,808</b>	<b>88,573</b>	<b>89,919</b>
Belgium-Luxembourg .....	1,049	1,063	1,243	1,445	1,488	1,707	1,928	2,265	2,376	2,250	2,176
France .....	4,821	4,919	5,659	5,916	5,991	6,596	7,458	8,010	10,544	9,891	9,655
Germany <sup>1</sup> .....	6,677	6,854	7,121	7,397	7,702	8,041	9,299	10,102	12,264	12,555	14,703
Italy .....	3,171	3,131	3,408	3,720	3,522	3,690	4,088	4,707	5,036	5,197	4,615
Netherlands .....	2,468	2,219	2,619	3,179	3,161	3,569	4,327	4,663	5,591	6,193	6,037
Norway .....	1,040	1,404	1,179	1,153	1,280	1,290	783	861	918	1,324	1,067
Spain .....	1,281	1,078	1,134	1,105	1,297	1,455	1,873	2,188	2,559	2,278	2,338
Sweden .....	802	947	851	783	943	877	883	1,201	1,444	1,382	1,478
Switzerland .....	1,863	2,105	2,514	2,573	3,051	3,154	3,818	4,448	5,769	6,121	6,613
United Kingdom .....	11,727	13,519	14,653	15,860	16,841	20,949	23,329	25,927	27,642	26,658	26,587
Other .....	6,800	7,195	8,607	9,363	9,800	10,422	12,517	12,474	14,668	14,727	14,647
<b>Latin America and Other Western Hemisphere</b> .....	<b>20,090</b>	<b>20,528</b>	<b>22,274</b>	<b>22,776</b>	<b>25,589</b>	<b>28,055</b>	<b>29,587</b>	<b>32,353</b>	<b>36,700</b>	<b>38,301</b>	<b>39,593</b>
South and Central America .....	13,476	13,609	14,877	15,531	17,707	19,203	19,743	20,417	22,306	21,007	21,152
Argentina .....	458	469	575	575	782	873	863	901	974	749	593
Brazil .....	688	744	916	1,176	1,397	1,775	1,962	1,725	1,946	1,845	1,691
Chile .....	332	364	416	429	520	540	569	824	887	846	721
Mexico .....	7,275	7,413	7,849	7,942	8,921	9,836	9,815	9,480	10,998	10,543	11,066
Venezuela .....	635	715	763	703	768	713	739	720	609	658	454
Other .....	4,084	3,905	4,360	4,719	5,319	5,462	5,792	6,766	6,892	6,364	6,624
Other Western Hemisphere .....	6,614	6,916	7,397	7,243	7,881	8,852	9,844	11,936	14,393	17,295	18,440
Bermuda .....	1,345	1,354	1,488	1,461	1,669	2,189	3,147	4,482	5,564	8,660	10,261
Other .....	5,268	5,562	5,910	5,782	6,211	6,661	6,699	7,457	8,828	8,640	8,173
<b>Africa, Middle East, and Asia and Pacific</b> .....	<b>29,214</b>	<b>31,989</b>	<b>35,523</b>	<b>38,588</b>	<b>41,738</b>	<b>44,618</b>	<b>46,222</b>	<b>53,209</b>	<b>57,663</b>	<b>53,778</b>	<b>53,764</b>
Africa .....	1,479	1,537	1,919	1,955	2,387	2,555	2,540	2,634	2,767	2,897	2,546
South Africa .....	202	230	294	401	543	728	858	864	855	872	782
Other .....	1,279	1,307	1,623	1,554	1,844	1,830	1,684	1,767	1,912	2,024	1,764
Middle East .....	2,077	2,189	2,259	2,684	3,161	3,245	3,696	3,865	3,306	3,296	3,193
Israel .....	1,026	1,069	1,197	1,177	1,363	1,510	1,436	1,601	2,010	1,735	1,583
Saudi Arabia .....	349	351	319	572	451	590	872	890	499	559	527
Other .....	700	768	743	939	1,349	1,144	1,385	1,374	798	1,000	1,085
Asia and Pacific .....	25,659	28,263	31,345	33,949	36,190	38,818	39,985	46,711	51,590	47,585	48,024
Australia .....	2,222	2,152	1,900	2,111	2,553	2,637	2,949	3,303	3,479	3,654	2,936
China .....	1,054	1,306	1,476	1,683	1,937	2,225	2,302	2,683	3,257	3,654	4,136
Hong Kong .....	1,488	1,528	1,977	2,021	3,042	3,042	3,240	4,010	4,306	3,721	3,678
India .....	638	691	761	853	1,095	1,224	1,541	1,520	1,896	1,810	1,667
Indonesia .....	435	432	443	448	553	550	310	379	439	295	285
Japan .....	10,514	11,747	12,667	13,361	12,940	13,521	13,358	15,969	17,329	16,557	17,312
Korea, Republic of .....	2,048	2,354	2,802	3,583	4,123	4,541	4,161	4,302	4,617	4,034	4,334
Malaysia .....	265	301	357	454	458	535	374	382	386	526	498
New Zealand .....	526	538	568	602	656	689	937	1,104	1,154	1,354	914
Philippines .....	788	852	1,039	1,124	1,363	1,463	1,244	1,197	1,534	1,485	1,274
Singapore .....	746	948	1,164	1,240	1,823	2,105	1,858	2,352	2,356	1,893	2,070
Taiwan .....	1,973	2,378	2,653	2,859	2,709	3,369	2,910	3,465	4,219	4,447	5,013
Thailand .....	393	379	478	678	803	760	800	924	928	869	810
Other .....	2,569	2,656	3,059	2,938	2,136	2,156	3,994	5,125	5,679	3,287	3,095
<b>International organizations and unallocated</b> .....	<b>2,701</b>	<b>1,935</b>	<b>1,881</b>	<b>2,090</b>	<b>2,246</b>	<b>1,860</b>	<b>2,353</b>	<b>2,024</b>	<b>3,927</b>	<b>3,363</b>	<b>3,545</b>
<b>Addenda:</b>											
European Union <sup>2</sup> .....	34,747	36,583	40,175	44,804	46,289	52,671	60,165	66,640	76,624	76,178	77,205
Eastern Europe <sup>3</sup> .....	1,604	1,520	1,970	2,180	2,355	2,156	2,564	2,373	2,426	2,410	2,749

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.











Table 4.1. 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	Trademarks	General use computer software	Other intangibles
<b>All countries</b> .....	<b>39,670</b>	<b>29,275</b>	<b>27,575</b>	<b>1,700</b>	<b>10,395</b>	<b>3,900</b>	<b>385</b>	<b>273</b>	<b>458</b>	<b>1,123</b>	<b>3,702</b>	<b>552</b>
<b>Canada</b> .....	<b>2,225</b>	<b>1,833</b>	<b>1,793</b>	<b>40</b>	<b>391</b>	<b>118</b>	<b>28</b>	<b>17</b>	<b>48</b>	<b>48</b>	<b>133</b>	<b>0</b>
<b>Europe</b> .....	<b>19,961</b>	<b>15,930</b>	<b>14,883</b>	<b>1,047</b>	<b>4,031</b>	<b>1,418</b>	<b>220</b>	<b>163</b>	<b>150</b>	<b>331</b>	<b>1,731</b>	<b>16</b>
Belgium-Luxembourg .....	798	(D)	(D)	5	(D)	102	3	3	2	3	(D)	(*)
France .....	2,273	1,776	1,752	24	498	226	28	39	(D)	24	163	(D)
Germany .....	3,086	2,170	1,957	213	915	297	47	21	23	23	503	1
Italy .....	1,010	706	692	14	304	117	21	13	12	28	112	1
Netherlands .....	1,900	1,755	1,646	109	145	45	10	7	4	9	69	0
Norway .....	133	94	92	3	38	2	3	2	5	2	22	1
Spain .....	593	426	426	1	167	18	18	15	10	55	52	0
Sweden .....	435	261	254	6	174	100	5	6	5	5	53	2
Switzerland .....	944	802	692	110	142	94	6	3	1	6	33	0
United Kingdom .....	3,647	2,784	2,294	490	863	216	56	39	41	61	446	4
Other .....	5,142	(D)	(D)	72	(D)	202	24	13	(D)	116	(D)	(D)
<b>Latin America and Other Western Hemisphere</b> .....	<b>3,300</b>	<b>(D)</b>	<b>2,608</b>	<b>(D)</b>	<b>(D)</b>	<b>96</b>	<b>33</b>	<b>18</b>	<b>56</b>	<b>134</b>	<b>(D)</b>	<b>(D)</b>
South and Central America .....	2,230	(D)	1,615	(D)	(D)	69	31	17	37	126	(D)	0
Argentina .....	252	201	196	6	50	8	4	3	3	20	13	0
Brazil .....	596	(D)	372	(D)	(D)	10	12	5	2	45	(D)	0
Chile .....	58	35	33	2	24	4	1	(*)	3	10	6	0
Mexico .....	935	802	750	52	133	36	8	7	11	20	50	0
Venezuela .....	150	112	109	3	38	6	3	1	3	10	15	0
Other .....	238	(D)	156	(D)	(D)	6	2	1	16	21	(D)	0
Other Western Hemisphere .....	1,070	(D)	993	(D)	(D)	27	2	1	19	7	(D)	(D)
Bermuda .....	118	(D)	(D)	0	(D)	22	(*)	1	(*)	1	(D)	(D)
Other .....	952	(D)	(D)	(D)	(D)	5	2	1	19	6	(D)	0
<b>Africa</b> .....	<b>398</b>	<b>(D)</b>	<b>234</b>	<b>(D)</b>	<b>(D)</b>	<b>19</b>	<b>5</b>	<b>3</b>	<b>10</b>	<b>31</b>	<b>(D)</b>	<b>0</b>
South Africa .....	272	(D)	158	(D)	(D)	16	5	3	4	(D)	43	0
Other .....	126	80	77	3	46	3	1	0	6	(D)	(D)	0
<b>Middle East</b> .....	<b>248</b>	<b>85</b>	<b>81</b>	<b>4</b>	<b>163</b>	<b>50</b>	<b>9</b>	<b>2</b>	<b>38</b>	<b>15</b>	<b>48</b>	<b>0</b>
Israel .....	111	36	36	(*)	75	16	5	1	8	9	35	0
Saudi Arabia .....	82	36	36	(*)	46	20	3	1	11	3	8	0
Other .....	55	13	9	4	41	14	1	(*)	19	3	5	0
<b>Asia and Pacific</b> .....	<b>11,445</b>	<b>6,909</b>	<b>6,597</b>	<b>312</b>	<b>4,536</b>	<b>2,188</b>	<b>70</b>	<b>66</b>	<b>138</b>	<b>534</b>	<b>(D)</b>	<b>(D)</b>
Australia .....	735	552	535	17	183	30	12	7	11	18	105	0
China .....	409	310	308	1	100	32	2	2	5	10	49	0
Hong Kong .....	326	264	259	5	62	12	4	1	13	11	22	0
India .....	67	21	21	1	46	17	1	(D)	4	1	(D)	0
Indonesia .....	55	25	25	0	30	21	(*)	(*)	5	1	2	0
Japan .....	6,024	3,452	3,251	201	2,572	1,161	38	29	33	448	(D)	(D)
Korea, Republic of .....	1,119	(D)	182	(D)	(D)	650	4	(D)	14	8	185	0
Malaysia .....	104	64	64	(*)	40	12	1	(*)	10	2	14	0
New Zealand .....	66	41	41	(*)	25	3	1	5	3	3	10	0
Philippines .....	103	72	71	1	31	7	2	1	7	11	4	0
Singapore .....	1,665	1,578	1,575	3	87	37	1	4	5	3	36	0
Taiwan .....	639	195	190	5	445	187	3	1	15	9	229	0
Thailand .....	112	72	68	5	40	16	(*)	5	8	5	4	0
Other .....	22	(D)	8	(D)	(D)	3	(*)	(*)	4	4	(D)	0
<b>International organizations and unallocated</b> .....	<b>2,093</b>	<b>1,463</b>	<b>1,378</b>	<b>85</b>	<b>630</b>	<b>11</b>	<b>20</b>	<b>4</b>	<b>17</b>	<b>30</b>	<b>28</b>	<b>520</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	18,419	14,751	13,829	922	3,668	1,283	204	153	127	300	1,587	15
Eastern Europe <sup>2</sup> .....	321	197	188	8	124	34	6	3	(D)	4	(D)	0

See footnotes at the end of the table.

Table 4.1. 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	Trademarks	General use computer software	Other intangibles
<b>All countries</b> .....	<b>13,107</b>	<b>10,374</b>	<b>2,310</b>	<b>8,064</b>	<b>2,733</b>	<b>1,568</b>	<b>187</b>	<b>101</b>	<b>7</b>	<b>229</b>	<b>517</b>	<b>124</b>
<b>Canada</b> .....	<b>558</b>	<b>373</b>	<b>113</b>	<b>260</b>	<b>185</b>	<b>136</b>	<b>25</b>	<b>8</b>	(*)	<b>6</b>	<b>10</b>	(*)
<b>Europe</b> .....	<b>7,392</b>	<b>5,843</b>	<b>1,013</b>	<b>4,829</b>	<b>1,549</b>	<b>766</b>	<b>136</b>	<b>67</b>	<b>6</b>	<b>107</b>	<b>466</b>	<b>1</b>
Belgium-Luxembourg .....	235	(D)	29	(D)	(D)	31	1	(*)	0	1	(D)	0
France .....	930	(D)	(D)	397	(D)	(D)	5	(D)	0	5	(D)	0
Germany .....	1,263	1,050	26	1,024	213	148	4	1	0	19	41	(*)
Italy .....	94	75	30	45	19	6	2	(*)	0	6	4	0
Netherlands .....	834	(D)	(D)	358	(D)	37	3	(*)	0	9	(D)	0
Norway .....	26	14	1	13	11	9	2	0	0	(*)	(*)	0
Spain .....	29	(D)	21	(D)	(D)	4	4	(*)	(*)	1	(*)	0
Sweden .....	175	110	16	94	65	57	4	(*)	0	1	3	0
Switzerland .....	1,281	(D)	(D)	935	(D)	112	6	(D)	0	1	(D)	0
United Kingdom .....	1,755	1,355	152	1,202	400	147	102	40	0	53	58	1
Other .....	770	635	46	589	135	(D)	3	(*)	6	11	(D)	0
<b>Latin America and Other Western Hemisphere</b> .....	<b>1,018</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>29</b>	<b>5</b>	<b>(D)</b>	<b>0</b>	<b>6</b>	<b>(D)</b>	<b>1</b>
South and Central America .....	137	(D)	44	(D)	(D)	(D)	4	(D)	0	2	(D)	1
Argentina .....	13	11	3	8	3	1	0	0	0	2	0	0
Brazil .....	6	4	4	0	2	(*)	(*)	0	0	1	0	0
Chile .....	5	5	1	4	(*)	0	0	0	0	0	0	0
Mexico .....	91	76	24	52	15	7	2	(D)	0	(D)	0	1
Venezuela .....	8	6	1	4	2	(*)	1	(*)	0	(*)	0	0
Other .....	14	(D)	11	(D)	(D)	(D)	(*)	0	0	1	(*)	(*)
Other Western Hemisphere .....	880	(D)	(D)	(D)	(D)	(D)	1	(*)	0	4	0	0
Bermuda .....	836	(D)	(D)	2	(D)	(D)	0	0	0	0	0	0
Other .....	44	(D)	(D)	(D)	(D)	(D)	1	(*)	0	4	0	0
<b>Africa</b> .....	<b>8</b>	<b>(D)</b>	<b>5</b>	<b>(D)</b>	<b>(D)</b>	<b>(*)</b>	<b>(*)</b>	<b>0</b>	<b>0</b>	<b>(*)</b>	<b>(D)</b>	<b>0</b>
South Africa .....	6	(D)	4	(D)	(D)	(*)	0	0	0	0	0	0
Other .....	1	1	1	(*)	(*)	0	0	0	0	0	0	0
<b>Middle East</b> .....	<b>22</b>	<b>1</b>	<b>1</b>	<b>(*)</b>	<b>21</b>	<b>14</b>	<b>(*)</b>	<b>0</b>	<b>(*)</b>	<b>(*)</b>	<b>5</b>	<b>1</b>
Israel .....	20	1	1	(*)	19	14	(*)	0	0	0	5	0
Saudi Arabia .....	1	(*)	(*)	0	(*)	0	0	0	0	0	0	0
Other .....	1	(*)	(*)	0	1	0	0	0	0	0	0	1
<b>Asia and Pacific</b> .....	<b>3,450</b>	<b>(D)</b>	<b>(D)</b>	<b>2,535</b>	<b>(D)</b>	<b>614</b>	<b>13</b>	<b>(D)</b>	<b>(*)</b>	<b>41</b>	<b>(D)</b>	<b>3</b>
Australia .....	91	35	15	20	56	20	9	(D)	0	1	(D)	0
China .....	25	(D)	11	(D)	(D)	13	0	0	0	0	(D)	0
Hong Kong .....	22	16	14	1	7	2	2	(*)	0	0	1	1
India .....	2	1	1	0	1	1	1	(*)	0	0	(*)	(*)
Indonesia .....	1	1	1	(*)	0	0	0	0	0	0	0	0
Japan .....	3,131	2,522	92	2,430	609	550	1	(*)	0	39	18	0
Korea, Republic of .....	93	(D)	17	(D)	(D)	22	0	0	0	0	(D)	0
Malaysia .....	1	1	1	0	0	0	0	0	0	0	0	0
New Zealand .....	3	(*)	(*)	(*)	3	(*)	1	(*)	0	0	2	0
Philippines .....	9	8	8	0	1	(*)	1	(*)	0	0	0	0
Singapore .....	22	(D)	(D)	1	(D)	(*)	(*)	(*)	0	0	(D)	1
Taiwan .....	50	(D)	12	(D)	(D)	7	0	0	0	0	(D)	1
Thailand .....	1	1	1	0	(*)	(*)	0	0	0	0	(*)	(*)
Other .....	1	(*)	(*)	0	1	(*)	0	0	(*)	0	0	0
<b>International organizations and unallocated</b> .....	<b>660</b>	<b>454</b>	<b>101</b>	<b>353</b>	<b>206</b>	<b>9</b>	<b>8</b>	<b>(*)</b>	<b>(*)</b>	<b>69</b>	<b>1</b>	<b>119</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	5,993	(D)	(D)	3,868	(D)	578	126	50	6	(D)	454	1
Eastern Europe <sup>2</sup> .....	23	17	5	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 4.2. 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	Trademarks	General use computer software	Other intangibles
<b>All countries</b> .....	<b>43,233</b>	<b>30,479</b>	<b>28,255</b>	<b>2,224</b>	<b>12,754</b>	<b>4,662</b>	<b>489</b>	<b>201</b>	<b>573</b>	<b>1,353</b>	<b>4,787</b>	<b>689</b>
<b>Canada</b> .....	<b>2,802</b>	<b>2,114</b>	<b>2,062</b>	<b>51</b>	<b>689</b>	<b>153</b>	<b>47</b>	<b>22</b>	<b>71</b>	<b>81</b>	<b>314</b>	<b>(*)</b>
<b>Europe</b> .....	<b>20,264</b>	<b>15,660</b>	<b>14,249</b>	<b>1,412</b>	<b>4,604</b>	<b>1,445</b>	<b>279</b>	<b>(D)</b>	<b>198</b>	<b>390</b>	<b>2,189</b>	<b>(D)</b>
Belgium-Luxembourg .....	803	614	610	4	189	127	5	1	4	5	47	(*)
France .....	2,167	1,652	1,612	40	516	153	39	11	12	32	263	6
Germany .....	3,148	2,059	1,859	200	1,090	373	53	8	30	23	603	(*)
Italy .....	999	670	660	10	329	106	26	3	15	49	130	0
Netherlands .....	1,439	1,242	1,137	106	197	54	15	(*)	5	13	110	(*)
Norway .....	157	(D)	78	(D)	(D)	2	2	1	6	5	39	(D)
Spain .....	535	339	339	1	195	14	(D)	(D)	14	56	79	(*)
Sweden .....	520	(D)	238	(D)	85	7	7	2	5	13	56	(D)
Switzerland .....	1,464	1,249	814	435	214	122	10	1	3	8	72	(*)
United Kingdom .....	3,579	2,641	2,263	378	938	156	71	24	60	74	553	(*)
Other .....	5,452	4,758	4,640	119	693	253	(D)	(D)	45	113	237	(*)
<b>Latin America and Other Western Hemisphere</b> .....	<b>3,648</b>	<b>(D)</b>	<b>2,870</b>	<b>(D)</b>	<b>(D)</b>	<b>79</b>	<b>35</b>	<b>27</b>	<b>73</b>	<b>165</b>	<b>(D)</b>	<b>(*)</b>
South and Central America .....	2,532	(D)	1,872	(D)	(D)	(D)	33	26	54	160	207	(*)
Argentina .....	274	214	211	3	60	7	8	1	4	21	20	0
Brazil .....	703	(D)	464	(D)	(D)	(D)	11	6	2	49	74	0
Chile .....	57	32	32	0	25	4	1	(*)	4	11	5	0
Mexico .....	1,083	908	897	11	174	17	9	16	24	32	76	(*)
Venezuela .....	189	(D)	114	(D)	(D)	(D)	2	2	4	14	17	(*)
Other .....	227	153	153	(*)	74	5	3	1	17	33	16	0
Other Western Hemisphere .....	1,115	(D)	998	(D)	(D)	(D)	2	1	19	5	(D)	(*)
Bermuda .....	66	(D)	(D)	(*)	(D)	(D)	(*)	0	(*)	0	(D)	(*)
Other .....	1,049	996	(D)	(D)	52	(D)	2	1	19	5	(D)	0
<b>Africa</b> .....	<b>402</b>	<b>(D)</b>	<b>200</b>	<b>(D)</b>	<b>(D)</b>	<b>13</b>	<b>6</b>	<b>1</b>	<b>13</b>	<b>48</b>	<b>(D)</b>	<b>(*)</b>
South Africa .....	243	(D)	127	(D)	(D)	7	5	1	5	(D)	45	(*)
Other .....	159	81	73	8	78	5	1	(*)	8	(D)	(D)	0
<b>Middle East</b> .....	<b>308</b>	<b>89</b>	<b>87</b>	<b>2</b>	<b>218</b>	<b>80</b>	<b>10</b>	<b>4</b>	<b>48</b>	<b>27</b>	<b>49</b>	<b>(*)</b>
Israel .....	140	46	46	(*)	94	29	4	4	11	19	27	0
Saudi Arabia .....	101	37	36	(*)	65	37	5	(*)	13	4	6	(*)
Other .....	67	7	5	2	60	14	2	0	24	4	17	0
<b>Asia and Pacific</b> .....	<b>13,545</b>	<b>7,781</b>	<b>7,376</b>	<b>405</b>	<b>5,764</b>	<b>2,882</b>	<b>96</b>	<b>(D)</b>	<b>160</b>	<b>602</b>	<b>1,930</b>	<b>(D)</b>
Australia .....	746	558	535	23	188	27	16	3	14	24	103	(*)
China .....	501	346	346	(*)	155	44	3	4	4	17	83	0
Hong Kong .....	396	302	300	2	94	11	5	(*)	15	18	45	(*)
India .....	81	23	20	3	58	23	1	4	3	5	22	0
Indonesia .....	57	24	24	0	33	15	1	1	6	3	9	0
Japan .....	6,622	3,273	2,942	331	3,349	1,611	48	(D)	41	469	1,126	(D)
Korea, Republic of .....	1,452	(D)	229	(D)	(D)	895	6	4	21	26	(D)	0
Malaysia .....	145	104	104	1	40	10	1	(*)	12	3	14	(*)
New Zealand .....	56	36	36	0	20	3	1	4	3	4	5	0
Philippines .....	100	61	61	0	39	7	1	1	7	14	9	(*)
Singapore .....	2,550	2,464	2,462	2	86	20	1	5	6	4	50	(*)
Taiwan .....	682	(D)	219	(D)	(D)	196	5	5	17	11	(D)	(*)
Thailand .....	139	89	89	0	50	16	6	6	8	5	9	0
Other .....	18	8	8	0	10	3	(*)	1	4	1	1	0
<b>International organizations and unallocated</b> ..	<b>2,264</b>	<b>1,523</b>	<b>1,412</b>	<b>111</b>	<b>741</b>	<b>11</b>	<b>15</b>	<b>3</b>	<b>10</b>	<b>39</b>	<b>26</b>	<b>637</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	18,224	14,050	13,095	955	4,173	1,313	255	(D)	167	351	2,004	(D)
Eastern Europe <sup>2</sup> .....	269	180	173	8	88	5	8	4	9	8	54	0

See footnotes at the end of the table.

**Table 4.2. 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	Trademarks	General use computer software	Other intangibles
<b>All countries .....</b>	<b>16,468</b>	<b>12,536</b>	<b>2,469</b>	<b>10,067</b>	<b>3,932</b>	<b>1,692</b>	<b>279</b>	<b>649</b>	<b>4</b>	<b>433</b>	<b>540</b>	<b>336</b>
<b>Canada .....</b>	<b>978</b>	<b>(D)</b>	<b>(D)</b>	<b>328</b>	<b>(D)</b>	<b>116</b>	<b>30</b>	<b>(D)</b>	<b>0</b>	<b>12</b>	<b>17</b>	<b>(D)</b>
<b>Europe .....</b>	<b>8,673</b>	<b>(D)</b>	<b>(D)</b>	<b>5,915</b>	<b>(D)</b>	<b>907</b>	<b>204</b>	<b>86</b>	<b>3</b>	<b>(D)</b>	<b>482</b>	<b>(D)</b>
Belgium-Luxembourg .....	238	188	21	167	50	29	1	(D)	(*)	(D)	1	0
France .....	1,093	580	75	505	514	133	9	(D)	(*)	(D)	2	(*)
Germany .....	1,642	1,331	27	1,304	311	210	11	(*)	(*)	30	59	0
Italy .....	83	40	12	29	42	12	7	(*)	0	(D)	0	0
Netherlands .....	1,068	(D)	(D)	605	(D)	33	4	(*)	0	3	3	(D)
Norway .....	32	(D)	1	(D)	(D)	5	(*)	0	(*)	0	1	0
Spain .....	28	22	19	3	6	4	1	0	0	1	0	0
Sweden .....	371	(D)	13	(D)	(D)	69	(D)	(*)	0	4	3	7
Switzerland .....	1,598	(D)	(D)	1,270	(D)	135	3	(D)	0	7	(D)	0
United Kingdom .....	1,514	(D)	(D)	966	(D)	162	141	27	(*)	24	(D)	3
Other .....	1,006	817	44	773	189	119	(D)	(D)	3	(D)	11	(D)
<b>Latin America and Other Western Hemisphere .....</b>	<b>1,183</b>	<b>(D)</b>	<b>(D)</b>	<b>104</b>	<b>(D)</b>	<b>120</b>	<b>11</b>	<b>4</b>	<b>(*)</b>	<b>1</b>	<b>2</b>	<b>(D)</b>
South and Central America .....	242	(D)	52	(D)	(D)	(D)	8	4	0	(*)	2	(D)
Argentina .....	28	(D)	7	(D)	(D)	(*)	1	0	0	(*)	0	(D)
Brazil .....	15	8	8	(*)	7	6	(*)	0	0	(*)	1	0
Chile .....	(D)	(D)	2	(D)	(D)	(D)	0	(*)	0	0	0	0
Mexico .....	93	69	25	44	23	14	5	3	0	0	0	1
Venezuela .....	11	(D)	2	(D)	8	6	1	(*)	0	0	0	0
Other .....	(D)	8	8	(*)	(D)	(D)	1	0	0	(*)	1	0
Other Western Hemisphere .....	941	(D)	(D)	(D)	(D)	(D)	4	0	(*)	1	(*)	(D)
Bermuda .....	856	(D)	(D)	2	(D)	1	0	0	0	0	0	(D)
Other .....	85	(D)	(D)	(D)	(D)	(D)	4	0	(*)	1	(*)	0
<b>Africa .....</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>(*)</b>	<b>(*)</b>	<b>0</b>	<b>0</b>	<b>(*)</b>	<b>(*)</b>	<b>0</b>
South Africa .....	2	2	2	(*)	(*)	0	0	0	0	(*)	(*)	0
Other .....	4	4	3	1	1	(*)	(*)	0	0	0	(*)	0
<b>Middle East .....</b>	<b>34</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>31</b>	<b>26</b>	<b>(*)</b>	<b>(*)</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>
Israel .....	29	1	1	1	27	23	(*)	(*)	0	1	3	0
Saudi Arabia .....	1	1	1	0	(*)	(*)	(*)	(*)	0	(*)	(*)	0
Other .....	4	0	0	0	4	3	0	0	0	0	(*)	1
<b>Asia and Pacific .....</b>	<b>4,253</b>	<b>3,432</b>	<b>153</b>	<b>3,279</b>	<b>821</b>	<b>516</b>	<b>23</b>	<b>(D)</b>	<b>(*)</b>	<b>(D)</b>	<b>34</b>	<b>(D)</b>
Australia .....	95	(D)	15	(D)	(D)	25	(D)	2	0	(D)	5	(*)
China .....	13	4	4	(*)	9	6	(*)	1	0	1	(*)	(*)
Hong Kong .....	20	16	8	8	4	2	1	(*)	0	0	0	0
India .....	2	1	1	0	1	(*)	0	0	0	(*)	0	0
Indonesia .....	3	2	2	(*)	1	0	0	0	0	0	0	0
Japan .....	3,954	3,253	63	3,190	702	460	3	(D)	0	(D)	16	0
Korea, Republic of .....	49	(D)	13	(D)	(D)	19	1	(D)	0	0	1	0
Malaysia .....	(D)	4	4	(*)	(D)	0	0	0	0	0	(*)	(D)
New Zealand .....	1	(*)	(*)	(*)	(*)	(*)	(*)	0	0	0	0	0
Philippines .....	4	4	4	(*)	(*)	0	0	(*)	0	0	0	0
Singapore .....	31	21	16	5	10	(*)	0	0	0	0	9	1
Taiwan .....	50	(D)	20	(D)	(D)	2	1	(*)	1	(D)	1	2
Thailand .....	(D)	(D)	2	5	(D)	0	0	(D)	0	(*)	(*)	0
Other .....	2	1	1	(*)	(*)	(*)	0	0	0	0	0	0
<b>International organizations and unallocated ..</b>	<b>1,342</b>	<b>548</b>	<b>108</b>	<b>440</b>	<b>794</b>	<b>7</b>	<b>11</b>	<b>(D)</b>	<b>(*)</b>	<b>(D)</b>	<b>1</b>	<b>148</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	6,898	5,316	754	4,562	1,583	694	199	67	3	(D)	479	(D)
Eastern Europe <sup>2</sup> .....	70	67	9	57	3	1	1	0	0	1	(*)	0

<sup>1</sup> 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, 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	Trademarks	General use computer software	Other intangibles
<b>All countries</b> .....	<b>41,098</b>	<b>29,023</b>	<b>27,030</b>	<b>1,993</b>	<b>12,075</b>	<b>4,226</b>	<b>521</b>	<b>174</b>	<b>517</b>	<b>997</b>	<b>5,004</b>	<b>637</b>
<b>Canada</b> .....	<b>2,870</b>	<b>2,156</b>	<b>2,100</b>	<b>56</b>	<b>714</b>	<b>153</b>	<b>60</b>	<b>19</b>	<b>60</b>	<b>93</b>	<b>330</b>	<b>(*)</b>
<b>Europe</b> .....	<b>19,007</b>	<b>14,516</b>	<b>13,086</b>	<b>1,431</b>	<b>4,491</b>	<b>1,404</b>	<b>307</b>	<b>(D)</b>	<b>176</b>	<b>314</b>	<b>2,202</b>	<b>(D)</b>
Belgium-Luxembourg .....	753	596	593	3	157	91	5	1	6	11	42	0
France .....	2,004	1,397	1,347	50	607	199	42	(D)	(D)	39	303	(*)
Germany .....	2,722	1,671	1,521	150	1,051	332	54	9	23	37	595	(*)
Italy .....	1,005	704	689	15	301	79	28	(D)	14	35	134	(D)
Netherlands .....	1,333	1,162	1,003	159	171	31	16	2	4	19	100	0
Norway .....	152	(D)	67	(D)	(D)	2	4	3	(D)	3	34	0
Spain .....	491	351	351	(*)	140	13	21	10	16	14	66	(*)
Sweden .....	375	229	227	2	146	52	7	1	5	13	68	0
Switzerland .....	1,715	1,514	930	584	202	114	10	(*)	3	8	65	2
United Kingdom .....	3,609	2,593	2,253	340	1,016	194	84	(*)	44	64	608	(*)
Other .....	4,846	(D)	4,103	(D)	(D)	297	36	7	41	71	187	(D)
<b>Latin America and Other Western Hemisphere</b> .....	<b>3,621</b>	<b>3,074</b>	<b>2,989</b>	<b>85</b>	<b>547</b>	<b>81</b>	<b>37</b>	<b>10</b>	<b>68</b>	<b>113</b>	<b>238</b>	<b>(*)</b>
South and Central America .....	2,445	(D)	1,914	(D)	(D)	35	9	49	107	230	(*)	
Argentina .....	221	178	178	0	42	2	6	(*)	2	10	22	0
Brazil .....	642	(D)	467	(D)	(D)	10	4	2	21	102	0	0
Chile .....	61	39	39	(*)	22	3	1	(*)	3	7	8	0
Mexico .....	1,171	1,009	992	17	162	27	13	3	18	32	68	(*)
Venezuela .....	145	101	97	4	44	8	2	1	4	13	17	0
Other .....	205	140	140	(*)	65	4	3	1	19	24	13	0
Other Western Hemisphere .....	1,176	(D)	1,075	(D)	(D)	(D)	2	1	19	6	8	(*)
Bermuda .....	64	(D)	(D)	0	(D)	(D)	(*)	0	(*)	(*)	6	(*)
Other .....	1,112	(D)	(D)	(D)	(D)	(D)	2	1	19	6	2	0
<b>Africa</b> .....	<b>332</b>	<b>231</b>	<b>221</b>	<b>10</b>	<b>101</b>	<b>16</b>	<b>6</b>	<b>(*)</b>	<b>12</b>	<b>8</b>	<b>59</b>	<b>0</b>
South Africa .....	199	129	125	4	70	7	5	(*)	5	4	49	0
Other .....	133	102	96	6	31	9	1	(*)	7	4	10	0
<b>Middle East</b> .....	<b>276</b>	<b>99</b>	<b>95</b>	<b>4</b>	<b>177</b>	<b>32</b>	<b>11</b>	<b>(D)</b>	<b>48</b>	<b>21</b>	<b>54</b>	<b>(D)</b>
Israel .....	115	44	44	(*)	71	10	5	2	10	13	31	0
Saudi Arabia .....	99	46	46	(*)	52	17	4	(D)	11	3	10	(D)
Other .....	62	9	5	4	53	5	2	(*)	27	5	13	1
<b>Asia and Pacific</b> .....	<b>12,831</b>	<b>7,496</b>	<b>7,189</b>	<b>307</b>	<b>5,335</b>	<b>2,526</b>	<b>84</b>	<b>69</b>	<b>145</b>	<b>415</b>	<b>2,088</b>	<b>8</b>
Australia .....	721	548	523	25	173	25	15	6	10	24	92	(*)
China .....	571	401	400	1	170	43	4	3	(D)	9	102	(D)
Hong Kong .....	422	330	329	1	92	14	4	(*)	16	21	37	(*)
India .....	90	29	25	4	61	22	1	1	2	5	31	0
Indonesia .....	55	26	26	0	30	10	1	(*)	7	3	9	(*)
Japan .....	6,290	2,936	2,706	229	3,354	1,637	42	39	38	294	1,304	(*)
Korea, Republic of .....	1,052	(D)	212	(D)	(D)	506	7	5	21	(D)	238	0
Malaysia .....	183	127	127	0	56	10	2	0	12	3	29	(*)
New Zealand .....	83	37	37	(*)	46	(D)	1	4	(D)	4	8	0
Philippines .....	96	75	75	(*)	22	4	1	1	7	4	5	0
Singapore .....	2,533	2,445	2,444	2	87	(D)	2	1	5	(D)	43	(D)
Taiwan .....	615	(D)	204	(D)	(D)	190	6	5	12	(D)	178	0
Thailand .....	102	71	71	0	31	8	1	4	4	6	10	0
Other .....	17	9	9	0	8	1	0	0	4	1	2	0
<b>International organizations and unallocated</b> ..	<b>2,162</b>	<b>1,451</b>	<b>1,351</b>	<b>100</b>	<b>711</b>	<b>14</b>	<b>16</b>	<b>3</b>	<b>7</b>	<b>33</b>	<b>34</b>	<b>604</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	16,716	12,633	11,827	806	4,084	1,271	281	(D)	146	288	2,023	(D)
Eastern Europe <sup>2</sup> .....	321	224	214	10	97	11	9	3	6	7	61	0

See footnotes at the end of the table.

**Table 4.3. 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	Trademarks	General use computer software	Other intangibles
<b>All countries</b> .....	<b>16,713</b>	<b>13,310</b>	<b>2,541</b>	<b>10,769</b>	<b>3,403</b>	<b>1,796</b>	<b>305</b>	<b>131</b>	<b>(*)</b>	<b>311</b>	<b>454</b>	<b>405</b>
<b>Canada</b> .....	<b>1,158</b>	<b>(D)</b>	<b>(D)</b>	<b>485</b>	<b>(D)</b>	<b>131</b>	<b>31</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>18</b>	<b>(D)</b>
<b>Europe</b> .....	<b>8,786</b>	<b>6,656</b>	<b>928</b>	<b>5,729</b>	<b>2,130</b>	<b>1,174</b>	<b>246</b>	<b>128</b>	<b>(*)</b>	<b>96</b>	<b>(D)</b>	<b>(D)</b>
Belgium-Luxembourg .....	196	157	23	134	38	30	(D)	(D)	0	(*)	(*)	0
France .....	1,262	643	90	553	619	(D)	8	5	0	7	(D)	0
Germany .....	1,573	(D)	(D)	1,221	(D)	(D)	6	(*)	0	22	12	0
Italy .....	72	44	12	32	28	11	6	8	0	4	(*)	0
Netherlands .....	1,324	(D)	(D)	855	(D)	28	4	0	0	9	1	(D)
Norway .....	66	(D)	2	(D)	(D)	8	(*)	0	0	(*)	(D)	0
Spain .....	22	16	15	1	6	2	3	(*)	0	(*)	(*)	0
Sweden .....	263	132	11	121	131	71	(D)	0	0	10	2	(D)
Switzerland .....	1,733	1,539	63	1,476	194	153	3	(D)	0	8	1	(D)
United Kingdom .....	1,580	1,110	184	926	470	172	195	34	0	20	45	3
Other .....	694	(D)	51	(D)	(D)	195	14	(D)	(*)	16	5	(D)
<b>Latin America and Other Western Hemisphere</b> .....	<b>991</b>	<b>(D)</b>	<b>(D)</b>	<b>89</b>	<b>(D)</b>	<b>7</b>	<b>10</b>	<b>(*)</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>(D)</b>
South and Central America .....	137	121	58	63	16	6	8	(*)	0	(*)	1	(*)
Argentina .....	9	8	5	2	1	(*)	1	0	0	0	1	(*)
Brazil .....	5	4	4	(*)	1	1	1	0	0	(*)	(*)	0
Chile .....	2	2	1	1	(*)	0	0	0	0	(*)	(*)	0
Mexico .....	97	86	29	57	11	4	5	(*)	0	(*)	(*)	1
Venezuela .....	20	19	16	3	1	(*)	(*)	0	0	(*)	(*)	0
Other .....	4	3	2	(*)	1	(*)	1	0	0	(*)	(*)	0
Other Western Hemisphere .....	855	(D)	(D)	26	(D)	1	2	0	0	2	0	(D)
Bermuda .....	802	(D)	(D)	2	(D)	1	0	0	0	1	0	(D)
Other .....	53	50	26	24	2	(*)	2	0	0	(*)	0	0
<b>Africa</b> .....	<b>8</b>	<b>(D)</b>	<b>(D)</b>	<b>1</b>	<b>(D)</b>	<b>(*)</b>	<b>(*)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>(D)</b>
South Africa .....	4	2	2	0	2	(*)	0	0	0	0	1	0
Other .....	4	(D)	(D)	1	(D)	0	0	0	0	0	0	(D)
<b>Middle East</b> .....	<b>96</b>	<b>(D)</b>	<b>(D)</b>	<b>1</b>	<b>(D)</b>	<b>9</b>	<b>(*)</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>(D)</b>
Israel .....	91	(D)	(D)	1	(D)	6	(*)	0	0	6	2	(D)
Saudi Arabia .....	(*)	(*)	(*)	0	(*)	(*)	(*)	0	0	0	0	0
Other .....	4	0	0	0	4	3	0	0	0	0	0	1
<b>Asia and Pacific</b> .....	<b>4,825</b>	<b>4,101</b>	<b>107</b>	<b>3,993</b>	<b>724</b>	<b>468</b>	<b>9</b>	<b>1</b>	<b>(*)</b>	<b>102</b>	<b>(D)</b>	<b>(D)</b>
Australia .....	87	23	17	7	64	34	(D)	(*)	0	1	5	(D)
China .....	12	8	8	0	4	2	(*)	0	0	2	(*)	(*)
Hong Kong .....	(D)	(D)	7	8	(D)	(*)	(*)	0	0	(*)	(*)	0
India .....	4	2	2	0	2	0	0	0	0	0	0	0
Indonesia .....	1	1	1	0	(*)	(*)	0	0	0	0	0	0
Japan .....	4,493	3,952	22	3,930	541	412	2	1	(*)	99	(D)	(D)
Korea, Republic of .....	43	26	11	15	17	(D)	(D)	0	0	(*)	0	0
Malaysia .....	(D)	(D)	2	(*)	(D)	(*)	0	0	(*)	0	(*)	(D)
New Zealand .....	1	(*)	(*)	(*)	1	(*)	(*)	0	0	0	0	0
Philippines .....	1	1	1	0	(*)	(*)	(*)	0	0	0	0	0
Singapore .....	63	(D)	17	(D)	(D)	1	0	0	(*)	0	(*)	(D)
Taiwan .....	21	(D)	17	(D)	(D)	1	(*)	(*)	0	0	(D)	0
Thailand .....	19	(D)	2	(D)	(D)	(D)	(*)	0	(*)	0	(*)	0
Other .....	(*)	(*)	(*)	0	(*)	(*)	0	0	0	(*)	0	0
<b>International organizations and unallocated</b> ..	<b>849</b>	<b>581</b>	<b>110</b>	<b>471</b>	<b>268</b>	<b>6</b>	<b>9</b>	<b>(*)</b>	<b>(*)</b>	<b>97</b>	<b>1</b>	<b>155</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	6,797	4,992	858	4,134	1,805	891	242	(D)	(*)	88	417	(D)
Eastern Europe <sup>2</sup> .....	76	67	4	62	10	8	(*)	0	0	(*)	(*)	0

<sup>1</sup> 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, 2002

[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	Trademarks	General use computer software	Other intangibles
<b>All countries</b> .....	<b>44,142</b>	<b>32,218</b>	<b>29,066</b>	<b>3,152</b>	<b>11,924</b>	<b>3,900</b>	<b>523</b>	<b>277</b>	<b>555</b>	<b>1,184</b>	<b>4,824</b>	<b>661</b>
<b>Canada</b> .....	<b>3,091</b>	<b>2,388</b>	<b>2,332</b>	<b>56</b>	<b>703</b>	<b>154</b>	<b>48</b>	<b>20</b>	<b>74</b>	<b>122</b>	<b>286</b>	<b>0</b>
<b>Europe</b> .....	<b>21,217</b>	<b>16,954</b>	<b>14,573</b>	<b>2,380</b>	<b>4,263</b>	<b>1,325</b>	<b>307</b>	<b>103</b>	<b>189</b>	<b>370</b>	<b>1,954</b>	<b>15</b>
Belgium-Luxembourg .....	690	578	578	1	111	48	6	1	6	19	32	0
France .....	2,119	1,525	1,435	90	594	207	(D)	(D)	(D)	50	271	0
Germany .....	3,090	2,028	1,612	416	1,062	326	56	20	27	44	589	(*)
Italy .....	1,121	785	770	15	336	96	31	17	17	40	131	5
Netherlands .....	1,332	(D)	1,058	(D)	(D)	26	16	5	3	(D)	92	0
Norway .....	145	(D)	75	(D)	(D)	2	3	0	9	(D)	30	0
Spain .....	515	375	375	(*)	139	9	24	7	19	23	59	(*)
Sweden .....	437	(D)	238	(D)	(D)	37	6	8	5	(D)	58	0
Switzerland .....	2,031	(D)	1,459	(D)	(D)	113	9	1	1	(D)	56	(*)
United Kingdom .....	4,452	3,489	2,410	1,079	963	235	79	15	50	97	487	0
Other .....	5,286	4,753	4,565	188	532	227	42	(D)	(D)	54	148	9
<b>Latin America and Other Western Hemisphere</b> .....	<b>3,739</b>	<b>(D)</b>	<b>2,966</b>	<b>(D)</b>	<b>(D)</b>	<b>89</b>	<b>34</b>	<b>(D)</b>	<b>67</b>	<b>110</b>	<b>210</b>	<b>(*)</b>
South and Central America .....	2,368	(D)	1,837	(D)	(D)	68	32	(D)	47	103	203	0
Argentina .....	142	112	112	0	30	1	3	1	1	6	18	0
Brazil .....	585	448	447	(*)	138	11	(D)	(D)	1	12	92	0
Chile .....	65	40	40	(*)	24	3	1	4	3	7	7	0
Mexico .....	1,247	(D)	1,028	(D)	(D)	42	14	(D)	18	42	61	0
Venezuela .....	124	81	81	0	43	5	3	6	4	11	15	0
Other .....	205	129	129	(*)	75	6	(D)	(D)	20	25	11	0
Other Western Hemisphere .....	1,371	(D)	1,129	(D)	(D)	21	2	(D)	20	7	7	(*)
Bermuda .....	271	(D)	(D)	(D)	(D)	1	(*)	(D)	(*)	(*)	5	(*)
Other .....	1,100	(D)	(D)	1	(D)	20	2	(D)	20	7	2	0
<b>Africa</b> .....	<b>305</b>	<b>(D)</b>	<b>190</b>	<b>(D)</b>	<b>(D)</b>	<b>13</b>	<b>5</b>	<b>3</b>	<b>(D)</b>	<b>8</b>	<b>38</b>	<b>0</b>
South Africa .....	196	(D)	103	(D)	(D)	10	4	3	(D)	5	30	0
Other .....	110	87	87	0	23	3	1	(*)	7	3	8	0
<b>Middle East</b> .....	<b>289</b>	<b>(D)</b>	<b>104</b>	<b>(D)</b>	<b>(D)</b>	<b>29</b>	<b>11</b>	<b>5</b>	<b>(D)</b>	<b>16</b>	<b>46</b>	<b>29</b>
Israel .....	120	47	46	1	73	12	5	5	(D)	9	29	(D)
Saudi Arabia .....	98	52	52	(*)	45	6	4	0	9	3	5	18
Other .....	72	(D)	6	(D)	(D)	10	2	(*)	(D)	5	13	(D)
<b>Asia and Pacific</b> .....	<b>13,135</b>	<b>(D)</b>	<b>7,447</b>	<b>(D)</b>	<b>(D)</b>	<b>2,270</b>	<b>94</b>	<b>(D)</b>	<b>164</b>	<b>528</b>	<b>2,241</b>	<b>21</b>
Australia .....	834	(D)	586	(D)	(D)	24	18	6	15	38	(D)	(*)
China .....	723	497	497	(*)	226	48	5	1	3	20	144	6
Hong Kong .....	456	357	354	3	99	23	5	(*)	17	24	31	(*)
India .....	81	44	41	3	37	8	1	(*)	1	5	22	(*)
Indonesia .....	67	29	29	0	38	17	1	(*)	10	2	7	(*)
Japan .....	6,352	3,097	2,863	234	3,254	1,271	45	41	37	368	1,485	8
Korea, Republic of .....	1,157	(D)	257	(D)	(D)	590	9	(D)	28	34	(D)	5
Malaysia .....	184	131	131	0	52	10	2	(*)	13	3	24	0
New Zealand .....	72	46	46	(*)	26	4	1	7	4	4	7	0
Philippines .....	110	87	87	(*)	23	4	1	7	6	5	5	0
Singapore .....	2,327	2,256	2,255	1	71	31	1	(*)	8	4	25	2
Taiwan .....	648	216	211	5	432	234	5	3	12	13	166	0
Thailand .....	103	78	78	0	26	7	1	1	5	6	6	(*)
Other .....	20	11	11	0	9	(*)	(*)	1	4	2	1	0
<b>International organizations and unallocated</b> ..	<b>2,365</b>	<b>1,612</b>	<b>1,454</b>	<b>158</b>	<b>753</b>	<b>21</b>	<b>23</b>	<b>(D)</b>	<b>(D)</b>	<b>30</b>	<b>49</b>	<b>596</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	18,562	14,664	12,709	1,955	3,898	1,195	279	93	160	342	1,819	10
Eastern Europe <sup>2</sup> .....	390	310	288	22	80	8	11	3	6	9	42	0

See footnote at the end of the table.

**Table 4.4. Royalties and License Fees, 2002—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	Trademarks	General use computer software	Other intangibles
<b>All countries</b> .....	<b>19,258</b>	<b>15,132</b>	<b>2,958</b>	<b>12,174</b>	<b>4,126</b>	<b>1,935</b>	<b>346</b>	<b>946</b>	<b>2</b>	<b>230</b>	<b>481</b>	<b>187</b>
<b>Canada</b> .....	<b>1,048</b>	<b>849</b>	<b>554</b>	<b>295</b>	<b>199</b>	<b>124</b>	<b>38</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>22</b>	<b>2</b>
<b>Europe</b> .....	<b>9,779</b>	<b>7,385</b>	<b>1,303</b>	<b>6,083</b>	<b>2,394</b>	<b>1,312</b>	<b>276</b>	<b>(D)</b>	<b>(*)</b>	<b>61</b>	<b>(D)</b>	<b>(D)</b>
Belgium-Luxembourg .....	299	(D)	(D)	187	(D)	(D)	1	9	0	(*)	1	0
France .....	1,263	651	216	435	612	(D)	8	6	0	10	(D)	(*)
Germany .....	2,091	1,667	162	1,505	424	247	7	146	0	4	(D)	(D)
Italy .....	124	63	24	39	61	12	7	(D)	0	(D)	(*)	0
Netherlands .....	1,513	(D)	(D)	(D)	(D)	31	5	(*)	0	(D)	(*)	0
Norway .....	89	(D)	1	(D)	(D)	(D)	(*)	0	0	(*)	(*)	0
Spain .....	31	17	16	2	13	2	4	8	0	(*)	(*)	0
Sweden .....	239	(D)	11	(D)	(D)	109	4	0	0	2	(D)	(*)
Switzerland .....	1,892	(D)	67	(D)	(D)	166	4	(D)	0	8	1	0
United Kingdom .....	1,493	992	178	813	502	200	217	39	(*)	17	30	1
Other .....	745	377	57	320	368	307	19	(D)	0	14	(D)	1
<b>Latin America and Other Western Hemisphere</b> .....	<b>1,555</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>5</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>(*)</b>	<b>(D)</b>
South and Central America .....	145	121	51	70	24	(D)	8	1	0	(*)	(*)	(D)
Argentina .....	7	6	0	1	1	(*)	1	(*)	0	0	0	0
Brazil .....	7	6	4	1	1	(*)	1	(*)	0	0	(*)	0
Chile .....	3	3	3	(*)	(*)	0	0	0	0	0	0	0
Mexico .....	117	98	31	67	19	(D)	5	1	0	0	(*)	(D)
Venezuela .....	4	3	3	0	1	(*)	(*)	0	0	0	0	0
Other .....	6	5	4	1	1	(*)	1	0	0	0	(*)	0
Other Western Hemisphere .....	1,411	(D)	(D)	(D)	(D)	(D)	2	0	0	0	0	6
Bermuda .....	1,364	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	6
Other .....	47	(D)	(D)	(D)	(D)	(D)	2	0	0	(*)	0	0
<b>Africa</b> .....	<b>9</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>(*)</b>	<b>(*)</b>	<b>0</b>	<b>(*)</b>	<b>1</b>	<b>0</b>
South Africa .....	4	2	2	(*)	2	1	(*)	0	0	(*)	1	0
Other .....	5	5	4	1	(*)	0	0	(*)	0	(*)	0	0
<b>Middle East</b> .....	<b>31</b>	<b>(D)</b>	<b>(D)</b>	<b>1</b>	<b>(D)</b>	<b>5</b>	<b>(*)</b>	<b>(*)</b>	<b>0</b>	<b>(*)</b>	<b>(D)</b>	<b>0</b>
Israel .....	28	(D)	(D)	1	(D)	3	(*)	(*)	0	0	(D)	0
Saudi Arabia .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	0	0	(*)	0	0
Other .....	3	1	1	0	3	3	0	0	0	0	0	0
<b>Asia and Pacific</b> .....	<b>5,215</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>481</b>	<b>14</b>	<b>1</b>	<b>(*)</b>	<b>16</b>	<b>(D)</b>	<b>(D)</b>
Australia .....	76	(D)	23	(D)	(D)	16	7	(*)	0	(D)	(D)	(*)
China .....	20	15	15	0	5	2	(*)	(*)	0	(*)	3	0
Hong Kong .....	20	(D)	(D)	1	(D)	(*)	(*)	(*)	0	(*)	(D)	0
India .....	9	1	1	0	8	2	(*)	(*)	0	(*)	(D)	(D)
Indonesia .....	1	1	1	0	0	(*)	0	0	0	(*)	(*)	(D)
Japan .....	4,997	4,519	22	4,497	478	453	6	1	(*)	14	4	0
Korea, Republic of .....	37	(D)	9	(D)	(D)	4	(*)	(*)	0	1	(D)	0
Malaysia .....	5	5	5	(*)	(*)	0	0	0	0	0	0	0
New Zealand .....	2	(*)	(*)	(*)	1	1	(*)	0	0	(*)	1	0
Philippines .....	1	1	1	(*)	(*)	(*)	(*)	0	0	(*)	0	0
Singapore .....	24	22	22	1	1	1	0	0	0	(*)	0	0
Taiwan .....	18	16	16	(*)	2	1	(*)	(*)	0	(*)	0	0
Thailand .....	5	4	4	(*)	1	(*)	(*)	0	(*)	(*)	0	0
Other .....	(*)	(*)	(*)	0	(*)	(*)	0	0	0	(*)	0	0
<b>International organizations and unallocated</b> ..	<b>1,620</b>	<b>662</b>	<b>129</b>	<b>533</b>	<b>958</b>	<b>8</b>	<b>8</b>	<b>(D)</b>	<b>(*)</b>	<b>144</b>	<b>1</b>	<b>(D)</b>
<b>Addenda:</b>												
European Union <sup>1</sup> .....	7,616	5,541	1,231	4,310	2,076	1,038	272	(D)	(*)	53	(D)	(D)
Eastern Europe <sup>2</sup> .....	90	79	3	76	11	9	(*)	2	0	(*)	(*)	0

<sup>1</sup> 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, 1999

[Millions of dollars]

	Receipts											Addendum Film and television tape rentals <sup>1</sup>
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance	Telecommunications	Business, professional, and technical services	Other services	
<b>All countries</b> .....	<b>103,523</b>	<b>32,809</b>	<b>22,222</b>	<b>10,587</b>	<b>70,714</b>	<b>9,616</b>	<b>13,410</b>	<b>2,083</b>	<b>4,549</b>	<b>27,700</b>	<b>13,357</b>	<b>8,061</b>
<b>Canada</b> .....	<b>9,461</b>	<b>4,471</b>	<b>3,488</b>	<b>982</b>	<b>4,989</b>	<b>474</b>	<b>981</b>	<b>283</b>	<b>321</b>	<b>2,448</b>	<b>481</b>	<b>483</b>
<b>Europe</b> .....	<b>39,913</b>	<b>16,629</b>	<b>11,018</b>	<b>5,611</b>	<b>23,284</b>	<b>1,687</b>	<b>5,325</b>	<b>777</b>	<b>1,488</b>	<b>10,172</b>	<b>3,834</b>	<b>5,353</b>
Belgium-Luxembourg .....	1,252	(D)	375	(D)	20	196	29	125	376	(D)	77	693
France .....	3,768	1,615	992	623	2,153	127	497	90	77	934	427	1,085
Germany .....	6,017	3,039	1,624	1,415	2,378	195	435	93	79	1,219	958	450
Italy .....	1,725	512	408	104	1,213	63	284	31	46	422	369	24
Netherlands .....	2,804	1,767	1,298	469	1,036	38	304	11	67	517	100	(D)
Norway .....	580	293	163	130	287	47	51	13	24	123	29	24
Spain .....	1,718	683	490	194	1,035	83	174	13	27	292	446	527
Sweden .....	794	189	113	76	605	92	140	5	43	236	90	97
Switzerland .....	2,358	1,284	548	736	1,074	38	471	12	37	476	40	36
United Kingdom .....	13,374	5,086	3,895	1,191	8,288	162	2,352	423	746	3,787	817	1,128
Other .....	5,522	(D)	1,114	(D)	(D)	824	421	56	217	1,788	(D)	(D)
<b>Latin America and Other Western Hemisphere</b> .....	<b>18,630</b>	<b>2,935</b>	<b>2,337</b>	<b>598</b>	<b>15,695</b>	<b>1,106</b>	<b>4,275</b>	<b>620</b>	<b>975</b>	<b>4,342</b>	<b>4,377</b>	<b>645</b>
South and Central America .....	13,062	1,518	1,295	223	11,544	868	1,379	213	846	3,933	4,305	634
Argentina .....	1,115	161	155	6	954	53	243	56	49	460	93	61
Brazil .....	1,692	272	242	30	1,420	161	283	8	146	597	225	223
Chile .....	576	(D)	46	(D)	27	90	19	34	291	(D)	27	27
Mexico .....	6,107	716	627	89	5,391	192	347	49	376	952	3,474	165
Venezuela .....	998	(D)	73	(D)	102	93	7	39	581	(D)	91	91
Other .....	2,577	221	154	67	2,356	333	323	74	203	1,051	373	68
Other Western Hemisphere .....	5,568	1,417	1,042	375	4,151	237	2,896	407	129	409	72	11
Bermuda .....	1,264	320	140	180	944	11	604	250	11	61	7	0
Other .....	4,303	1,097	902	195	3,206	227	2,292	157	118	348	65	11
<b>Africa</b> .....	<b>2,537</b>	<b>288</b>	<b>253</b>	<b>35</b>	<b>2,249</b>	<b>509</b>	<b>187</b>	<b>4</b>	<b>191</b>	<b>1,258</b>	<b>100</b>	<b>93</b>
South Africa .....	551	88	82	6	463	40	39	1	78	209	96	88
Other .....	1,986	200	171	29	1,786	470	148	2	113	1,049	4	5
<b>Middle East</b> .....	<b>3,903</b>	<b>396</b>	<b>268</b>	<b>128</b>	<b>3,507</b>	<b>413</b>	<b>415</b>	<b>20</b>	<b>505</b>	<b>2,052</b>	<b>101</b>	<b>79</b>
Israel .....	604	73	53	20	531	60	121	12	88	209	41	31
Saudi Arabia .....	1,590	(D)	18	(D)	(D)	96	71	1	30	1,246	(D)	28
Other .....	1,709	(D)	197	(D)	(D)	257	223	8	388	596	(D)	20
<b>Asia and Pacific</b> .....	<b>25,649</b>	<b>8,090</b>	<b>4,857</b>	<b>3,233</b>	<b>17,559</b>	<b>5,426</b>	<b>2,220</b>	<b>298</b>	<b>1,068</b>	<b>7,241</b>	<b>1,307</b>	<b>1,306</b>
Australia .....	1,839	601	533	68	1,239	54	212	55	116	544	257	310
China .....	2,044	249	183	67	1,795	815	72	5	69	744	90	20
Hong Kong .....	1,726	685	611	74	1,041	140	215	13	171	457	46	45
India .....	933	50	49	1	883	599	46	2	81	139	16	5
Indonesia .....	927	76	75	1	851	194	42	2	24	574	15	8
Japan .....	8,408	4,017	1,371	2,646	4,390	889	613	162	227	2,040	458	643
Korea, Republic of .....	1,591	155	148	7	1,436	626	190	12	115	428	64	47
Malaysia .....	618	(D)	176	(D)	(D)	185	47	3	12	148	(D)	13
New Zealand .....	297	21	20	(*)	276	19	23	4	15	154	61	57
Philippines .....	642	103	101	3	539	46	54	4	28	376	31	23
Singapore .....	2,435	1,365	1,255	110	1,070	64	210	11	57	698	29	43
Taiwan .....	1,757	424	207	217	1,333	496	143	19	93	533	50	63
Thailand .....	609	124	116	8	485	200	36	5	24	189	31	24
Other .....	1,824	(D)	12	(D)	(D)	1,099	317	1	36	216	(D)	7
<b>International organizations and unallocated</b> .....	<b>3,430</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,430</b>	<b>0</b>	<b>7</b>	<b>79</b>	<b>(*)</b>	<b>190</b>	<b>3,157</b>	<b>103</b>
<b>Addenda:</b>												
European Union <sup>2</sup> .....	34,255	14,868	10,129	4,740	19,389	803	4,622	733	1,284	8,468	3,480	5,094
Eastern Europe <sup>3</sup> .....	1,790	117	115	3	1,674	395	135	13	89	835	207	145

See footnotes at end of table.

Table 5.1. Other Private Services, 1999—Continued

[Millions of dollars]

	Payments											Addendum Film and television tape rentals
	Total	Affiliated			Unaffiliated						Other services	
		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		
<b>All countries</b> .....	<b>53,007</b>	<b>25,790</b>	<b>15,480</b>	<b>10,310</b>	<b>27,217</b>	<b>1,807</b>	<b>3,418</b>	<b>6,366</b>	<b>6,601</b>	<b>8,449</b>	<b>577</b>	<b>195</b>
<b>Canada</b> .....	<b>5,369</b>	<b>2,420</b>	<b>912</b>	<b>1,508</b>	<b>2,950</b>	<b>14</b>	<b>203</b>	<b>181</b>	<b>223</b>	<b>2,145</b>	<b>184</b>	<b>36</b>
<b>Europe</b> .....	<b>25,954</b>	<b>14,535</b>	<b>8,950</b>	<b>5,585</b>	<b>11,419</b>	<b>1,048</b>	<b>2,203</b>	<b>3,099</b>	<b>1,450</b>	<b>3,459</b>	<b>161</b>	<b>121</b>
Belgium-Luxembourg .....	827	(D)	(D)	63	(D)	15	59	41	33	91	(D)	10
France .....	2,403	1,553	720	833	850	130	124	200	91	287	18	9
Germany .....	3,141	1,743	840	903	1,398	56	162	637	116	413	17	(D)
Italy .....	763	247	131	116	516	140	68	36	118	146	8	5
Netherlands .....	1,448	1,051	328	722	397	18	71	124	40	130	11	7
Norway .....	236	85	11	75	151	3	19	9	76	43	1	0
Spain .....	613	240	218	22	373	160	46	3	62	96	6	(D)
Sweden .....	528	371	144	227	157	7	39	22	12	76	1	0
Switzerland .....	1,260	682	256	426	578	11	142	203	60	145	17	7
United Kingdom .....	12,331	7,070	5,350	1,720	5,262	364	1,310	1,693	338	1,504	51	42
Other .....	2,405	(D)	(D)	477	(D)	145	163	130	504	527	(D)	2
<b>Latin America and Other Western Hemisphere</b> .....	<b>9,040</b>	<b>2,414</b>	<b>1,208</b>	<b>1,205</b>	<b>6,629</b>	<b>467</b>	<b>351</b>	<b>2,951</b>	<b>2,195</b>	<b>632</b>	<b>33</b>	<b>9</b>
South and Central America .....	3,826	866	636	230	2,960	404	172	10	1,784	560	29	9
Argentina .....	289	89	88	(*)	200	17	23	4	76	74	6	4
Brazil .....	522	181	151	30	341	14	52	2	136	132	4	1
Chile .....	171	(D)	13	(D)	(D)	23	12	0	34	24	(D)	(*)
Mexico .....	1,557	400	272	128	1,157	172	54	2	794	129	7	2
Venezuela .....	231	(D)	76	(D)	(D)	6	7	0	71	61	(D)	2
Other .....	1,055	38	35	3	1,017	172	24	1	673	141	5	(*)
Other Western Hemisphere .....	5,215	1,548	572	975	3,667	64	179	2,941	411	72	4	(*)
Bermuda .....	3,227	922	238	684	2,305	1	74	2,181	10	37	1	0
Other .....	1,991	625	334	291	1,366	62	105	759	402	35	3	(*)
<b>Africa</b> .....	<b>773</b>	<b>202</b>	<b>162</b>	<b>39</b>	<b>571</b>	<b>50</b>	<b>24</b>	<b>1</b>	<b>320</b>	<b>165</b>	<b>10</b>	<b>0</b>
South Africa .....	239	138	131	6	102	8	12	0	52	29	1	0
Other .....	532	64	31	33	468	42	12	1	268	136	9	0
<b>Middle East</b> .....	<b>1,179</b>	<b>303</b>	<b>286</b>	<b>17</b>	<b>876</b>	<b>34</b>	<b>56</b>	<b>5</b>	<b>391</b>	<b>361</b>	<b>29</b>	<b>3</b>
Israel .....	461	242	232	10	219	33	11	0	90	81	5	0
Saudi Arabia .....	267	23	23	0	(D)	0	27	0	72	126	19	3
Other .....	451	38	32	7	(D)	1	18	5	229	155	5	0
<b>Asia and Pacific</b> .....	<b>10,473</b>	<b>5,918</b>	<b>3,961</b>	<b>1,957</b>	<b>4,555</b>	<b>193</b>	<b>581</b>	<b>129</b>	<b>1,863</b>	<b>1,679</b>	<b>110</b>	<b>25</b>
Australia .....	1,088	596	499	97	491	66	53	43	115	203	10	3
China .....	457	124	113	11	333	14	1	2	225	85	6	0
Hong Kong .....	1,420	1,096	957	139	324	2	81	2	104	100	35	1
India .....	598	(D)	39	(D)	(D)	4	15	1	317	176	(D)	(*)
Indonesia .....	117	18	17	1	99	1	10	1	54	29	4	0
Japan .....	4,147	2,947	1,567	1,380	1,201	32	216	74	181	674	23	19
Korea, Republic of .....	386	119	70	49	267	3	29	4	135	94	2	0
Malaysia .....	136	94	87	7	42	0	9	0	19	12	2	0
New Zealand .....	113	42	41	(*)	71	9	7	1	37	15	2	(*)
Philippines .....	273	59	59	(*)	214	1	7	0	138	65	4	0
Singapore .....	771	572	409	163	199	1	87	1	39	60	12	2
Taiwan .....	337	103	49	54	234	1	21	1	126	82	3	0
Thailand .....	174	60	49	11	114	2	9	0	57	42	4	0
Other .....	458	(D)	3	(D)	(D)	57	36	1	316	44	(D)	0
<b>International organizations and unallocated</b> .....	<b>217</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>217</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>159</b>	<b>7</b>	<b>50</b>	<b>1</b>
<b>Addenda:</b>												
European Union <sup>2</sup> .....	23,587	13,694	8,633	5,061	9,896	951	1,994	2,885	934	3,001	128	113
Eastern Europe <sup>3</sup> .....	599	21	20	1	578	47	22	0	300	197	13	1

\* Less than \$500,000

D Suppressed to avoid disclosure of data of individual companies.

1. In 1999, unaffiliated receipts (included in the "other services" column), U.S. parents' receipts, and U.S. affiliates'

receipts for film and television tape rentals were \$5,628 million, \$2,422 million, and \$11 million, respectively.

2. See table 2, footnote 2.

3. See table 2, footnote 3.

Table 5.2. Other Private Services, 2000

[Millions of dollars]

	Receipts											Addendum Film and television tape rentals <sup>1</sup>
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance	Telecommuni- cations	Business, professional, and technical services	Other services	
<b>All countries</b> .....	<b>107,361</b>	<b>35,857</b>	<b>23,107</b>	<b>12,750</b>	<b>71,504</b>	<b>10,348</b>	<b>15,522</b>	<b>2,486</b>	<b>3,883</b>	<b>25,318</b>	<b>13,948</b>	<b>8,578</b>
<b>Canada</b> .....	<b>10,130</b>	<b>4,464</b>	<b>3,364</b>	<b>1,100</b>	<b>5,666</b>	<b>511</b>	<b>1,009</b>	<b>284</b>	<b>442</b>	<b>2,820</b>	<b>600</b>	<b>541</b>
<b>Europe</b> .....	<b>43,068</b>	<b>18,859</b>	<b>11,697</b>	<b>7,162</b>	<b>24,209</b>	<b>1,806</b>	<b>6,472</b>	<b>807</b>	<b>816</b>	<b>10,136</b>	<b>4,156</b>	<b>5,510</b>
Belgium-Luxembourg .....	1,322	513	414	99	809	20	288	27	26	318	129	131
France .....	4,006	1,804	987	817	2,202	140	545	104	43	986	384	607
Germany .....	6,023	3,007	1,411	1,596	3,016	199	629	93	74	1,071	952	1,048
Italy .....	1,992	583	456	127	1,409	67	402	24	44	471	401	448
Netherlands .....	3,142	1,977	1,479	498	1,165	36	376	6	94	551	101	866
Norway .....	620	321	208	113	299	48	85	13	8	98	47	42
Spain .....	1,713	452	411	42	1,261	85	277	12	20	371	495	534
Sweden .....	1,717	1,033	153	881	684	102	152	8	66	248	108	107
Switzerland .....	2,801	1,567	596	972	1,234	39	562	14	25	552	42	40
United Kingdom .....	13,495	5,243	3,997	1,246	8,250	171	2,591	415	292	3,868	914	1,213
Other .....	6,222	2,357	1,585	772	3,865	899	565	91	124	1,603	582	474
<b>Latin America and Other Western Hemisphere</b> .....	<b>18,976</b>	<b>3,140</b>	<b>2,362</b>	<b>778</b>	<b>15,834</b>	<b>1,236</b>	<b>4,783</b>	<b>613</b>	<b>1,074</b>	<b>3,690</b>	<b>4,438</b>	<b>726</b>
South and Central America .....	12,932	1,663	1,449	214	11,269	961	1,487	240	967	3,268	4,346	708
Argentina .....	1,073	162	153	10	911	59	261	76	69	330	116	91
Brazil .....	1,950	303	268	35	1,647	171	342	13	116	782	222	225
Chile .....	410	45	25	19	365	28	83	19	39	152	43	29
Mexico .....	6,346	841	743	98	5,505	211	383	59	537	723	3,592	191
Venezuela .....	747	87	84	3	660	102	105	9	35	309	101	97
Other .....	2,406	225	176	49	2,181	389	313	63	172	972	272	74
Other Western Hemisphere .....	6,043	1,477	913	564	4,566	275	3,296	373	107	423	92	18
Bermuda .....	1,553	537	186	351	1,016	11	691	196	9	101	8	1
Other .....	4,489	940	727	213	3,549	264	2,605	177	98	321	84	18
<b>Africa</b> .....	<b>2,449</b>	<b>438</b>	<b>402</b>	<b>36</b>	<b>2,011</b>	<b>609</b>	<b>143</b>	<b>6</b>	<b>152</b>	<b>1,008</b>	<b>92</b>	<b>90</b>
South Africa .....	613	83	81	2	530	44	48	2	73	276	88	82
Other .....	1,836	355	322	33	1,481	566	95	4	79	733	4	8
<b>Middle East</b> .....	<b>2,882</b>	<b>411</b>	<b>245</b>	<b>167</b>	<b>2,471</b>	<b>457</b>	<b>467</b>	<b>20</b>	<b>160</b>	<b>1,236</b>	<b>131</b>	<b>108</b>
Israel .....	668	(D)	64	(D)	(D)	65	111	16	69	216	(D)	59
Saudi Arabia .....	959	(D)	28	(D)	(D)	104	92	0	25	572	(D)	30
Other .....	1,255	160	152	8	1,095	288	264	3	66	448	26	19
<b>Asia and Pacific</b> .....	<b>26,565</b>	<b>8,545</b>	<b>5,038</b>	<b>3,508</b>	<b>18,020</b>	<b>5,729</b>	<b>2,642</b>	<b>675</b>	<b>1,239</b>	<b>6,298</b>	<b>1,438</b>	<b>1,396</b>
Australia .....	2,125	622	539	83	1,503	59	290	82	205	622	246	288
China .....	2,299	(D)	209	(D)	(D)	907	114	7	92	786	(D)	12
Hong Kong .....	1,839	839	753	85	1,000	126	300	42	106	384	42	42
India .....	1,138	55	55	(*)	1,083	705	61	1	71	219	26	12
Indonesia .....	499	78	76	2	421	188	35	3	27	145	22	14
Japan .....	9,188	4,054	1,370	2,684	5,134	906	855	485	235	2,110	543	738
Korea, Republic of .....	1,864	283	179	104	1,581	686	212	15	116	465	87	69
Malaysia .....	539	169	160	9	370	151	51	2	43	108	15	10
New Zealand .....	335	21	20	1	314	22	30	2	28	171	61	58
Philippines .....	429	78	76	2	351	52	46	3	35	183	32	23
Singapore .....	2,377	1,605	1,268	337	772	71	276	7	91	299	28	31
Taiwan .....	1,559	340	211	129	1,219	487	235	22	89	328	58	73
Thailand .....	558	118	114	4	440	183	30	3	19	175	30	22
Other .....	1,816	(D)	7	(D)	(D)	1,187	107	0	82	302	(D)	5
<b>International organizations and unallocated</b> .....	<b>3,306</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,306</b>	<b>0</b>	<b>6</b>	<b>79</b>	<b>(*)</b>	<b>133</b>	<b>3,092</b>	<b>204</b>
<b>Addenda:</b>												
European Union <sup>3</sup> .....	37,034	16,756	10,693	6,063	20,274	835	5,676	753	705	8,591	3,714	5,332
Eastern Europe <sup>4</sup> .....	1,702	169	155	14	1,531	447	104	21	38	661	260	191

See footnotes at end of table.

Table 5.2. Other Private Services, 2000—Continued

[Millions of dollars]

	Payments											Addendum Film and television tape rentals <sup>2</sup>
	Total	Affiliated			Unaffiliated						Other services	
		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		
<b>All countries</b> .....	<b>57,793</b>	<b>28,776</b>	<b>16,267</b>	<b>12,509</b>	<b>29,017</b>	<b>2,034</b>	<b>4,564</b>	<b>7,598</b>	<b>5,428</b>	<b>8,769</b>	<b>624</b>	<b>137</b>
<b>Canada</b> .....	<b>5,809</b>	<b>2,421</b>	<b>1,027</b>	<b>1,394</b>	<b>3,387</b>	<b>19</b>	<b>247</b>	<b>217</b>	<b>199</b>	<b>2,522</b>	<b>184</b>	<b>24</b>
<b>Europe</b> .....	<b>28,849</b>	<b>16,847</b>	<b>9,183</b>	<b>7,664</b>	<b>12,002</b>	<b>1,188</b>	<b>3,009</b>	<b>3,484</b>	<b>732</b>	<b>3,422</b>	<b>168</b>	<b>65</b>
Belgium-Luxembourg .....	808	570	509	61	238	16	85	26	24	81	6	1
France .....	3,635	2,679	772	1,908	955	150	195	222	57	313	20	9
Germany .....	3,839	2,383	847	1,536	1,456	60	243	603	96	440	18	3
Italy .....	804	272	168	104	532	163	98	22	59	178	12	8
Netherlands .....	1,747	1,252	391	860	496	19	118	159	25	159	9	4
Norway .....	175	104	17	87	71	4	12	10	10	35	1	0
Spain .....	592	213	193	21	379	189	55	5	36	89	6	2
Sweden .....	556	361	165	196	195	7	72	33	15	58	10	9
Switzerland .....	1,766	1,074	279	794	692	11	263	280	17	109	12	1
United Kingdom .....	12,308	6,808	5,260	1,548	5,500	400	1,647	1,832	121	1,444	55	24
Other .....	2,622	1,131	583	548	1,491	169	221	291	273	517	19	3
<b>Latin America and Other Western Hemisphere</b> .....	<b>10,766</b>	<b>3,271</b>	<b>1,685</b>	<b>1,586</b>	<b>7,496</b>	<b>509</b>	<b>419</b>	<b>3,730</b>	<b>2,254</b>	<b>548</b>	<b>36</b>	<b>9</b>
South and Central America .....	3,998	893	684	209	3,105	440	160	25	1,959	492	31	8
Argentina .....	270	111	110	1	159	24	27	4	25	75	4	2
Brazil .....	444	148	139	9	296	18	42	6	118	113	0	0
Chile .....	150	65	11	54	85	23	5	1	38	16	2	0
Mexico .....	2,018	492	350	141	1,527	182	46	4	1,133	155	8	1
Venezuela .....	152	55	53	2	97	8	6	0	49	24	9	5
Other .....	964	22	21	1	942	184	34	11	595	109	9	0
Other Western Hemisphere .....	6,767	2,378	1,001	1,377	4,389	69	259	3,706	295	56	5	1
Bermuda .....	4,087	1,308	257	1,050	2,779	2	109	2,634	8	24	1	0
Other .....	2,679	1,070	743	327	1,609	67	150	1,069	287	32	4	1
<b>Africa</b> .....	<b>702</b>	<b>177</b>	<b>171</b>	<b>6</b>	<b>525</b>	<b>55</b>	<b>29</b>	<b>1</b>	<b>214</b>	<b>215</b>	<b>11</b>	<b>0</b>
South Africa .....	273	135	133	1	138	10	16	1	40	70	2	0
Other .....	429	42	38	4	387	45	13	1	174	145	9	0
<b>Middle East</b> .....	<b>920</b>	<b>290</b>	<b>260</b>	<b>30</b>	<b>630</b>	<b>52</b>	<b>52</b>	<b>4</b>	<b>226</b>	<b>269</b>	<b>28</b>	<b>0</b>
Israel .....	467	(D)	(D)	22	(D)	50	16	1	46	109	(D)	0
Saudi Arabia .....	161	2	2	0	159	0	19	0	36	86	18	0
Other .....	293	(D)	(D)	9	(D)	1	17	2	145	74	(D)	0
<b>Asia and Pacific</b> .....	<b>10,498</b>	<b>5,771</b>	<b>3,942</b>	<b>1,829</b>	<b>4,727</b>	<b>212</b>	<b>807</b>	<b>142</b>	<b>1,633</b>	<b>1,788</b>	<b>145</b>	<b>40</b>
Australia .....	1,044	550	481	69	494	82	60	16	163	163	9	1
China .....	399	169	164	5	230	15	4	0	94	110	7	0
Hong Kong .....	1,472	1,205	1,045	160	267	2	81	3	46	98	37	0
India .....	847	(D)	57	(D)	(D)	4	31	0	504	206	(D)	0
Indonesia .....	124	8	7	(*)	116	1	8	0	35	66	6	0
Japan .....	4,157	2,794	1,437	1,357	1,363	35	351	103	99	718	56	38
Korea, Republic of .....	407	131	96	35	276	2	46	5	76	143	4	0
Malaysia .....	113	74	71	3	39	0	11	0	14	11	3	0
New Zealand .....	74	(D)	19	(D)	(D)	11	3	1	23	9	(D)	0
Philippines .....	214	34	34	(*)	180	1	7	9	121	39	4	0
Singapore .....	680	499	448	51	181	0	86	1	31	52	11	0
Taiwan .....	287	129	44	85	158	1	30	2	49	72	4	0
Thailand .....	119	33	28	4	86	2	9	0	26	48	1	0
Other .....	549	10	10	1	539	55	80	0	351	52	1	0
<b>International organizations and unallocated</b> .....	<b>247</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>248</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>170</b>	<b>4</b>	<b>53</b>	<b>1</b>
<b>Addenda:</b>												
European Union <sup>3</sup> .....	26,165	15,568	8,813	6,755	10,597	1,078	2,661	3,194	499	3,023	140	42
Eastern Europe <sup>4</sup> .....	462	49	49	(*)	414	51	28	0	140	181	13	0

\* Less than \$500,000

D Suppressed to avoid disclosure of data of individual companies.

1. In 2000, unaffiliated receipts (included in the "other services" column), U.S. parents' receipts, and U.S. affiliates' receipts for film and television tape rentals were \$6,379 million, \$2,189 million, and \$8 million, respectively.

2. In 2000, unaffiliated payments (included in the "other services" column), U.S. parents' payments, and U.S. affiliates' payments for film and television and tape rentals were \$130 million, \$1 million, and \$8 million, respectively.

3. See table 2, footnote 2.

4. See table 2, footnote 3.



Table 5.3. Other Private Services, 2001

[Millions of dollars]

	Receipts											Addendum Film and television tape rentals <sup>1</sup>
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance	Telecommunications	Business, professional, and technical services	Other services	
<b>All countries</b> .....	<b>116,139</b>	<b>39,760</b>	<b>24,759</b>	<b>15,001</b>	<b>76,379</b>	<b>11,478</b>	<b>15,228</b>	<b>2,399</b>	<b>4,504</b>	<b>28,611</b>	<b>14,160</b>	<b>8,873</b>
<b>Canada</b> .....	<b>10,832</b>	<b>4,657</b>	<b>3,450</b>	<b>1,207</b>	<b>6,175</b>	<b>569</b>	<b>1,081</b>	<b>367</b>	<b>519</b>	<b>2,977</b>	<b>663</b>	<b>648</b>
<b>Europe</b> .....	<b>47,031</b>	<b>20,563</b>	<b>12,399</b>	<b>8,163</b>	<b>26,468</b>	<b>1,952</b>	<b>6,342</b>	<b>973</b>	<b>1,356</b>	<b>11,381</b>	<b>4,464</b>	<b>5,658</b>
Belgium-Luxembourg .....	1,609	(D)	456	(D)	(D)	20	303	19	47	431	(D)	84
France .....	4,352	2,010	1,146	864	2,342	154	557	138	52	1,019	422	617
Germany .....	6,675	3,098	1,302	1,796	3,577	214	583	126	127	1,433	1,094	1,179
Italy .....	2,204	534	367	167	1,670	74	448	21	214	481	431	458
Netherlands .....	3,316	2,104	1,519	585	1,212	39	315	14	139	601	104	802
Norway .....	654	317	221	96	337	45	91	15	29	111	45	38
Spain .....	1,657	401	356	45	1,256	86	211	19	31	419	490	549
Sweden .....	1,880	1,166	145	1,021	714	99	127	8	119	257	104	106
Switzerland .....	3,196	1,901	670	1,232	1,295	40	461	17	30	706	42	37
United Kingdom .....	14,028	5,376	4,198	1,177	8,653	183	2,569	516	402	3,936	1,049	1,322
Other .....	7,456	(D)	2,019	(D)	(D)	999	677	81	164	1,986	(D)	465
<b>Latin America and Other Western Hemisphere</b> .....	<b>21,774</b>	<b>4,851</b>	<b>2,745</b>	<b>2,106</b>	<b>16,923</b>	<b>1,326</b>	<b>4,356</b>	<b>664</b>	<b>996</b>	<b>4,930</b>	<b>4,649</b>	<b>824</b>
South and Central America .....	14,909	(D)	1,718	(D)	(D)	1,034	1,372	292	891	4,400	(D)	799
Argentina .....	1,110	164	159	5	946	66	208	77	77	394	124	98
Brazil .....	2,628	(D)	235	(D)	(D)	185	325	28	124	1,035	(D)	226
Chile .....	482	98	62	36	384	32	70	19	41	176	46	31
Mexico .....	6,992	1,039	944	95	5,953	223	376	65	433	1,083	3,773	260
Venezuela .....	1,036	87	80	7	949	109	92	11	25	608	104	98
Other .....	2,663	285	238	47	2,378	420	301	93	191	1,105	268	85
Other Western Hemisphere .....	6,866	(D)	1,027	(D)	(D)	291	2,984	372	105	530	(D)	26
Bermuda .....	2,909	1,562	316	1,246	1,347	12	948	243	11	125	8	0
Other .....	3,956	(D)	712	(D)	(D)	279	2,036	129	94	405	(D)	25
<b>Africa</b> .....	<b>2,738</b>	<b>(D)</b>	<b>374</b>	<b>(D)</b>	<b>(D)</b>	<b>716</b>	<b>168</b>	<b>11</b>	<b>207</b>	<b>1,113</b>	<b>(D)</b>	<b>97</b>
South Africa .....	606	86	78	8	521	50	53	3	109	209	98	90
Other .....	2,131	(D)	296	(D)	(D)	667	115	8	97	905	(D)	7
<b>Middle East</b> .....	<b>3,285</b>	<b>(D)</b>	<b>224</b>	<b>(D)</b>	<b>(D)</b>	<b>495</b>	<b>552</b>	<b>32</b>	<b>149</b>	<b>1,475</b>	<b>(D)</b>	<b>105</b>
Israel .....	780	(D)	48	(D)	(D)	71	113	25	72	283	(D)	61
Saudi Arabia .....	1,094	(D)	33	(D)	(D)	110	90	2	27	679	(D)	25
Other .....	1,411	(D)	143	(D)	(D)	314	349	6	50	513	(D)	19
<b>Asia and Pacific</b> .....	<b>27,531</b>	<b>8,816</b>	<b>5,568</b>	<b>3,248</b>	<b>18,715</b>	<b>6,420</b>	<b>2,710</b>	<b>247</b>	<b>1,278</b>	<b>6,599</b>	<b>1,460</b>	<b>1,442</b>
Australia .....	2,114	664	621	43	1,450	62	296	53	172	616	251	283
China .....	2,491	(D)	277	(D)	(D)	1,066	113	9	101	737	(D)	12
Hong Kong .....	1,679	775	684	91	904	136	240	19	82	385	43	43
India .....	1,506	67	65	2	1,439	972	59	2	85	293	27	12
Indonesia .....	516	72	70	3	444	207	53	4	10	146	25	17
Japan .....	9,150	4,283	1,664	2,620	4,866	881	889	88	239	2,251	518	757
Korea, Republic of .....	2,090	287	191	96	1,803	813	139	20	162	573	97	77
Malaysia .....	605	178	170	8	427	139	49	3	58	158	20	15
New Zealand .....	330	27	23	4	303	23	32	3	32	158	56	52
Philippines .....	394	78	75	3	316	35	35	4	45	147	30	21
Singapore .....	2,395	1,589	1,383	206	806	74	290	16	109	283	34	41
Taiwan .....	1,591	335	226	109	1,256	508	170	20	97	397	64	87
Thailand .....	582	111	109	2	471	199	40	5	21	176	30	21
Other .....	2,090	(D)	9	(D)	(D)	1,286	305	2	65	280	(D)	3
<b>International organizations and unallocated</b> .....	<b>2,951</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,951</b>	<b>0</b>	<b>19</b>	<b>105</b>	<b>(*)</b>	<b>139</b>	<b>2,692</b>	<b>97</b>
<b>Addenda:</b>												
European Union <sup>3</sup> .....	39,975	18,091	11,292	6,800	21,885	888	5,583	907	1,199	9,295	4,013	5,332
Eastern Europe <sup>4</sup> .....	2,131	207	174	33	1,923	502	138	22	52	933	276	191

See footnotes at end of table.

Table 5.3. Other Private Services, 2001—Continued

[Millions of dollars]

	Payments											Addendum Film and television tape rentals <sup>2</sup>
	Total	Affiliated			Unaffiliated						Other services	
		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		
<b>All countries</b> .....	<b>63,387</b>	<b>30,053</b>	<b>16,774</b>	<b>13,279</b>	<b>33,334</b>	<b>2,269</b>	<b>4,049</b>	<b>11,613</b>	<b>4,756</b>	<b>10,034</b>	<b>613</b>	<b>104</b>
<b>Canada</b> .....	<b>6,072</b>	<b>2,756</b>	<b>958</b>	<b>1,798</b>	<b>3,314</b>	<b>17</b>	<b>183</b>	<b>257</b>	<b>230</b>	<b>2,449</b>	<b>178</b>	<b>26</b>
<b>Europe</b> .....	<b>31,146</b>	<b>16,530</b>	<b>9,095</b>	<b>7,435</b>	<b>14,616</b>	<b>1,361</b>	<b>2,709</b>	<b>5,063</b>	<b>987</b>	<b>4,344</b>	<b>154</b>	<b>43</b>
Belgium-Luxembourg .....	916	(D)	464	(D)	(D)	15	60	34	27	131	(D)	2
France .....	2,903	1,770	696	1,074	1,133	164	193	383	81	298	16	6
Germany .....	4,406	2,759	810	1,949	1,647	70	234	788	55	480	24	5
Italy .....	991	229	161	601	222	113	25	99	137	6	2	2
Netherlands .....	2,162	1,596	492	1,105	564	23	166	27	35	303	6	2
Norway .....	214	126	15	112	88	3	25	16	7	35	2	1
Spain .....	652	189	153	37	463	224	64	7	31	130	6	2
Sweden .....	628	372	245	127	256	7	61	42	19	125	2	1
Switzerland .....	2,252	1,014	288	726	1,238	11	221	834	17	144	11	0
United Kingdom .....	12,877	6,460	5,134	1,326	6,418	431	1,372	2,288	284	1,990	54	20
Other .....	3,149	(D)	570	(D)	(D)	193	200	623	332	572	(D)	2
<b>Latin America and Other Western Hemisphere</b> .....	<b>13,911</b>	<b>4,389</b>	<b>2,165</b>	<b>2,224</b>	<b>9,522</b>	<b>562</b>	<b>315</b>	<b>6,188</b>	<b>1,703</b>	<b>724</b>	<b>33</b>	<b>3</b>
South and Central America .....	3,866	1,037	819	218	2,829	488	164	24	1,477	649	26	2
Argentina .....	239	101	100	1	138	31	26	6	23	48	4	2
Brazil .....	510	199	184	16	311	19	36	0	104	149	4	0
Chile .....	154	68	12	56	86	30	5	0	36	13	2	0
Mexico .....	1,876	590	452	137	1,287	204	62	6	803	204	7	0
Venezuela .....	124	48	45	2	77	5	4	0	39	26	3	0
Other .....	961	32	26	6	929	199	31	12	471	209	7	0
Other Western Hemisphere .....	10,045	3,352	1,346	2,006	6,693	73	151	6,164	226	74	6	1
Bermuda .....	6,982	2,003	539	1,464	4,979	2	33	4,900	10	33	1	0
Other .....	3,068	1,349	807	542	1,719	71	118	1,267	216	42	5	1
<b>Africa</b> .....	<b>801</b>	<b>(D)</b>	<b>129</b>	<b>(D)</b>	<b>(D)</b>	<b>54</b>	<b>35</b>	<b>2</b>	<b>159</b>	<b>384</b>	<b>(D)</b>	<b>0</b>
South Africa .....	284	108	107	(*)	177	13	14	0	31	117	2	0
Other .....	516	(D)	22	(D)	(D)	41	21	2	128	267	(D)	0
<b>Middle East</b> .....	<b>967</b>	<b>(D)</b>	<b>317</b>	<b>(D)</b>	<b>(D)</b>	<b>55</b>	<b>77</b>	<b>3</b>	<b>149</b>	<b>293</b>	<b>(D)</b>	<b>0</b>
Israel .....	537	314	283	31	223	49	18	2	26	123	5	0
Saudi Arabia .....	141	6	2	4	135	0	21	0	26	70	18	0
Other .....	288	(D)	31	(D)	(D)	6	38	1	97	99	(D)	0
<b>Asia and Pacific</b> .....	<b>10,243</b>	<b>5,859</b>	<b>4,109</b>	<b>1,750</b>	<b>4,384</b>	<b>220</b>	<b>730</b>	<b>86</b>	<b>1,365</b>	<b>1,837</b>	<b>146</b>	<b>29</b>
Australia .....	1,035	540	484	55	496	103	103	9	69	200	13	(D)
China .....	347	181	170	12	166	11	5	1	62	80	7	0
Hong Kong .....	1,523	1,232	1,143	89	291	2	71	3	35	143	38	(D)
India .....	799	(D)	79	(D)	(D)	3	20	0	423	194	(D)	0
Indonesia .....	80	6	6	(*)	74	1	4	0	22	41	6	0
Japan .....	3,964	2,802	1,419	1,383	1,162	35	292	65	88	648	34	11
Korea, Republic of .....	473	157	118	39	316	2	71	4	75	160	4	0
Malaysia .....	134	97	94	3	37	0	6	0	14	14	3	0
New Zealand .....	81	35	33	2	46	14	2	0	19	8	2	0
Philippines .....	282	52	49	2	230	0	3	4	132	86	4	0
Singapore .....	581	407	364	43	174	0	65	1	25	72	11	0
Taiwan .....	318	140	99	40	178	1	37	1	48	84	8	0
Thailand .....	123	51	46	4	72	2	6	0	27	33	5	0
Other .....	505	(D)	2	(D)	(D)	46	45	0	326	75	(D)	0
<b>International organizations and unallocated</b> .....	<b>244</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>244</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>163</b>	<b>3</b>	<b>64</b>	<b>2</b>
<b>Addenda:</b>												
European Union <sup>3</sup> .....	27,881	15,261	8,721	6,540	12,620	1,241	2,411	4,211	773	3,857	126	42
Eastern Europe <sup>4</sup> .....	584	(D)	60	(D)	(D)	55	34	1	120	256	(D)	0

\* Less than \$500,000

D Suppressed to avoid disclosure of data of individual companies.

1. In 2001, unaffiliated receipts (included in the "other services" column), U.S. parents' receipts, and U.S. affiliates' receipts for film and television tape rentals were \$6,618 million, \$2,249 million, and \$5 million, respectively.

2. In 2001, unaffiliated receipts (included in the "other services" column), U.S. parents' receipts, and U.S. affiliates' receipts for film and television tape rentals were \$101 million, less than \$1 million, and \$3 million, respectively.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 5.4. Other Private Services, 2002

[Millions of dollars]

	Receipts											Addendum Film and television tape rentals <sup>1</sup>
	Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance	Telecommuni- cations	Business, professional, and technical services	Other services	
<b>All countries</b> .....	<b>122,594</b>	<b>43,500</b>	<b>25,194</b>	<b>18,306</b>	<b>79,094</b>	<b>12,759</b>	<b>15,859</b>	<b>2,839</b>	<b>4,137</b>	<b>28,799</b>	<b>14,700</b>	<b>9,837</b>
<b>Canada</b> .....	<b>10,594</b>	<b>4,705</b>	<b>3,315</b>	<b>1,391</b>	<b>5,889</b>	<b>623</b>	<b>873</b>	<b>302</b>	<b>391</b>	<b>2,997</b>	<b>704</b>	<b>703</b>
<b>Europe</b> .....	<b>51,261</b>	<b>23,606</b>	<b>12,668</b>	<b>10,938</b>	<b>27,655</b>	<b>2,081</b>	<b>7,171</b>	<b>1,117</b>	<b>1,439</b>	<b>11,207</b>	<b>4,643</b>	<b>6,380</b>
Belgium-Luxembourg .....	2,368	(D)	471	(D)	(D)	21	983	19	51	390	(D)	170
France .....	4,993	2,575	1,166	1,409	2,418	165	475	161	88	1,116	413	661
Germany .....	7,013	3,818	1,524	2,294	3,195	214	495	131	134	1,437	784	1,012
Italy .....	2,361	657	471	186	1,704	74	433	24	167	520	487	554
Netherlands .....	3,614	2,365	1,515	850	1,249	40	367	17	74	596	154	854
Norway .....	650	248	138	110	402	52	148	22	14	109	57	50
Spain .....	1,789	512	393	119	1,277	88	237	18	38	380	516	626
Sweden .....	2,079	1,401	159	1,242	678	91	122	10	29	295	131	132
Switzerland .....	3,475	2,124	701	1,424	1,351	38	490	30	24	719	51	46
United Kingdom .....	14,442	5,584	4,211	1,374	8,858	197	2,715	590	495	3,634	1,228	1,748
Other .....	8,476	(D)	1,921	(D)	(D)	1,102	706	96	324	2,010	(D)	529
<b>Latin America and Other Western Hemisphere</b> .....	<b>22,307</b>	<b>5,262</b>	<b>2,815</b>	<b>2,447</b>	<b>17,045</b>	<b>1,477</b>	<b>4,576</b>	<b>785</b>	<b>837</b>	<b>4,729</b>	<b>4,641</b>	<b>718</b>
South and Central America .....	14,188	2,019	1,782	237	12,169	1,182	1,208	292	737	4,198	4,554	696
Argentina .....	834	122	119	3	712	75	147	55	29	337	70	43
Brazil .....	2,107	326	313	13	1,781	194	283	36	89	981	198	184
Chile .....	400	60	36	24	340	36	69	21	32	139	43	28
Mexico .....	7,027	1,159	1,007	153	5,868	271	290	81	359	1,028	3,839	279
Venezuela .....	993	109	96	12	884	122	78	9	28	564	83	78
Other .....	2,827	242	210	32	2,585	484	341	91	200	1,149	321	84
Other Western Hemisphere .....	8,119	3,243	1,033	2,210	4,876	295	3,368	493	100	531	88	22
Bermuda .....	4,081	(D)	323	(D)	(D)	11	1,247	269	9	142	(D)	1
Other .....	4,037	(D)	710	(D)	(D)	284	2,121	225	91	389	(D)	21
<b>Africa</b> .....	<b>2,771</b>	<b>(D)</b>	<b>466</b>	<b>(D)</b>	<b>(D)</b>	<b>826</b>	<b>143</b>	<b>14</b>	<b>158</b>	<b>991</b>	<b>(D)</b>	<b>135</b>
South Africa .....	556	68	67	2	488	55	58	3	57	178	136	128
Other .....	2,216	(D)	399	(D)	(D)	771	85	12	101	813	(D)	7
<b>Middle East</b> .....	<b>3,184</b>	<b>(D)</b>	<b>192</b>	<b>(D)</b>	<b>(D)</b>	<b>535</b>	<b>470</b>	<b>31</b>	<b>136</b>	<b>1,478</b>	<b>(D)</b>	<b>122</b>
Israel .....	732	118	31	88	614	76	114	23	54	262	85	76
Saudi Arabia .....	1,112	(D)	53	(D)	(D)	122	92	1	25	683	(D)	26
Other .....	1,338	117	108	9	1,221	337	264	7	57	532	24	21
<b>Asia and Pacific</b> .....	<b>29,025</b>	<b>9,032</b>	<b>5,739</b>	<b>3,293</b>	<b>19,993</b>	<b>7,217</b>	<b>2,622</b>	<b>504</b>	<b>1,175</b>	<b>6,855</b>	<b>1,620</b>	<b>1,607</b>
Australia .....	2,264	762	689	73	1,502	67	363	66	139	598	269	325
China .....	2,729	(D)	304	(D)	(D)	1,177	138	25	91	797	(D)	15
Hong Kong .....	1,783	847	790	57	936	144	314	37	67	327	47	47
India .....	1,809	68	64	5	1,741	1,245	61	11	126	268	30	14
Indonesia .....	584	109	106	2	475	216	52	6	11	160	30	21
Japan .....	9,210	4,110	1,580	2,530	5,100	985	721	265	190	2,338	601	843
Korea, Republic of .....	2,352	278	216	63	2,074	913	219	30	119	691	101	87
Malaysia .....	600	179	170	9	421	138	53	3	46	159	23	17
New Zealand .....	339	28	27	1	311	26	32	3	36	157	57	53
Philippines .....	435	(D)	128	(D)	(D)	61	46	3	61	94	(D)	23
Singapore .....	2,522	1,680	1,266	415	842	77	281	25	77	343	39	45
Taiwan .....	1,639	298	236	62	1,341	539	239	22	67	408	66	90
Thailand .....	663	156	155	1	507	216	32	5	17	205	32	23
Other .....	2,092	(D)	8	(D)	(D)	1,412	71	2	128	310	(D)	4
<b>International organizations and unallocated</b> .....	<b>3,449</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,449</b>	<b>0</b>	<b>4</b>	<b>88</b>	<b>(*)</b>	<b>546</b>	<b>2,815</b>	<b>172</b>
<b>Addenda:</b>												
European Union <sup>3</sup> .....	43,730	20,869	11,580	9,289	22,861	918	6,268	1,031	1,304	9,185	4,155	6,005
Eastern Europe <sup>4</sup> .....	2,237	(D)	204	(D)	(D)	557	183	23	69	794	(D)	221

See footnotes at end of table.

Table 5.4. Other Private Services, 2002—Continued

[Millions of dollars]

	Payments											Addendum Film and television tape rentals <sup>2</sup>
	Total	Affiliated			Unaffiliated						Other services	
		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		
<b>All countries</b> .....	<b>69,436</b>	<b>32,367</b>	<b>17,529</b>	<b>14,838</b>	<b>37,069</b>	<b>2,466</b>	<b>3,665</b>	<b>15,348</b>	<b>4,180</b>	<b>10,732</b>	<b>679</b>	<b>153</b>
<b>Canada</b> .....	<b>6,694</b>	<b>2,952</b>	<b>1,043</b>	<b>1,908</b>	<b>3,742</b>	<b>16</b>	<b>164</b>	<b>437</b>	<b>342</b>	<b>2,604</b>	<b>180</b>	<b>23</b>
<b>Europe</b> .....	<b>35,613</b>	<b>17,888</b>	<b>9,448</b>	<b>8,440</b>	<b>17,725</b>	<b>1,516</b>	<b>2,266</b>	<b>8,346</b>	<b>901</b>	<b>4,519</b>	<b>175</b>	<b>59</b>
Belgium-Luxembourg .....	929	(D)	502	(D)	(D)	17	47	48	26	111	(D)	3
France .....	3,379	1,963	721	1,241	1,416	187	164	609	96	342	18	7
Germany .....	6,246	3,046	949	2,097	3,200	80	171	2,364	63	492	26	6
Italy .....	1,005	475	322	153	530	253	66	21	46	139	6	2
Netherlands .....	1,915	1,410	475	935	505	26	105	47	58	265	6	1
Norway .....	143	70	18	52	73	3	4	10	18	36	1	0
Spain .....	629	167	136	31	462	259	31	15	28	123	7	3
Sweden .....	845	617	394	223	228	8	21	50	11	137	1	0
Switzerland .....	3,150	1,186	331	855	1,964	11	211	1,594	20	116	11	0
United Kingdom .....	13,586	6,662	4,941	1,720	6,924	457	1,001	3,010	312	2,068	75	37
Other .....	3,783	(D)	658	(D)	(D)	215	445	572	224	692	(D)	2
<b>Latin America and Other Western Hemisphere</b> .....	<b>14,652</b>	<b>4,815</b>	<b>2,146</b>	<b>2,668</b>	<b>9,837</b>	<b>602</b>	<b>419</b>	<b>6,413</b>	<b>1,506</b>	<b>841</b>	<b>56</b>	<b>26</b>
South and Central America .....	4,076	1,190	910	281	2,886	525	211	34	1,294	773	50	(D)
Argentina .....	206	42	40	2	164	33	4	12	20	91	4	2
Brazil .....	553	273	265	8	280	20	20	0	81	148	11	7
Chile .....	165	85	11	74	80	32	5	0	28	13	2	0
Mexico .....	2,101	717	523	194	1,384	220	89	8	741	309	17	(D)
Venezuela .....	105	32	31	1	73	5	8	1	27	28	3	0
Other .....	944	41	40	1	903	215	85	12	396	183	13	(D)
Other Western Hemisphere .....	10,574	3,625	1,237	2,388	6,949	76	208	6,380	212	67	6	1
Bermuda .....	7,879	(D)	587	(D)	(D)	2	90	5,074	7	31	(D)	0
Other .....	2,689	(D)	649	(D)	(D)	74	118	1,299	205	37	(D)	1
<b>Africa</b> .....	<b>817</b>	<b>(D)</b>	<b>116</b>	<b>(D)</b>	<b>(D)</b>	<b>62</b>	<b>29</b>	<b>0</b>	<b>161</b>	<b>368</b>	<b>(D)</b>	<b>0</b>
South Africa .....	250	(D)	(D)	3	(D)	15	19	0	16	111	(D)	0
Other .....	567	98	(D)	(D)	469	47	10	0	146	257	10	0
<b>Middle East</b> .....	<b>936</b>	<b>(D)</b>	<b>345</b>	<b>(D)</b>	<b>(D)</b>	<b>19</b>	<b>52</b>	<b>1</b>	<b>118</b>	<b>289</b>	<b>(D)</b>	<b>0</b>
Israel .....	516	342	324	18	174	17	16	1	24	111	5	0
Saudi Arabia .....	130	3	2	1	127	0	19	0	25	65	18	0
Other .....	292	(D)	19	(D)	(D)	2	17	0	69	114	(D)	0
<b>Asia and Pacific</b> .....	<b>10,600</b>	<b>6,099</b>	<b>4,432</b>	<b>1,667</b>	<b>4,501</b>	<b>252</b>	<b>735</b>	<b>130</b>	<b>1,113</b>	<b>2,110</b>	<b>161</b>	<b>43</b>
Australia .....	1,030	545	498	47	485	121	95	8	49	200	13	(D)
China .....	444	224	206	18	220	13	3	1	55	141	7	0
Hong Kong .....	1,654	1,302	1,219	83	352	2	86	2	41	177	44	(D)
India .....	661	(D)	73	(D)	(D)	3	31	0	295	209	(D)	0
Indonesia .....	102	3	3	(*)	99	1	7	6	20	59	6	0
Japan .....	4,221	2,977	1,681	1,296	1,244	34	259	102	80	726	44	20
Korea, Republic of .....	424	140	97	43	284	2	47	6	65	160	5	1
Malaysia .....	144	94	89	5	50	0	11	0	8	28	3	0
New Zealand .....	82	32	32	(*)	50	17	5	0	11	16	2	0
Philippines .....	282	(D)	53	(D)	(D)	0	7	4	151	51	(D)	0
Singapore .....	667	(D)	339	(D)	(D)	1	87	1	25	122	(D)	0
Taiwan .....	292	124	94	29	168	1	32	1	38	88	8	0
Thailand .....	132	49	44	5	83	2	9	0	27	40	5	0
Other .....	463	(D)	3	(D)	(D)	55	56	1	247	93	(D)	0
<b>International organizations and unallocated</b> .....	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>38</b>	<b>2</b>	<b>67</b>	<b>0</b>
<b>Addenda:</b>												
European Union <sup>3</sup> .....	31,237	16,499	9,002	7,497	14,738	1,386	1,811	6,724	709	3,962	147	59
Eastern Europe <sup>4</sup> .....	728	(D)	68	(D)	(D)	59	115	15	99	334	(D)	0

\* Less than \$500,000

D Suppressed to avoid disclosure of data of individual companies.

1. In 2002, unaffiliated receipts (included in the "other services" column), U.S. parents' receipts, and U.S. affiliates' receipts for film and television tape rentals were \$6,919 million, \$2,916 million, and \$2 million, respectively.

2. In 2002, unaffiliated receipts (included in the "other services" column), U.S. parents' receipts, and U.S. affiliates' receipts for film and television tape rentals were \$149 million, less than \$1 million, and \$4 million, respectively.

3. See table 2, footnote 2.

4. See table 2, footnote 3.











Table 7.1. 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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries.....</b>	<b>27,700</b>	<b>481</b>	<b>3,312</b>	<b>2,131</b>	<b>994</b>	<b>1,832</b>	<b>2,465</b>	<b>5,263</b>	<b>1,865</b>	<b>3,490</b>	<b>5,869</b>
<b>Canada .....</b>	<b>2,448</b>	<b>104</b>	<b>311</b>	<b>225</b>	<b>107</b>	<b>176</b>	<b>180</b>	<b>217</b>	<b>190</b>	<b>328</b>	<b>611</b>
<b>Europe .....</b>	<b>10,172</b>	<b>185</b>	<b>1,910</b>	<b>1,016</b>	<b>428</b>	<b>860</b>	<b>1,322</b>	<b>808</b>	<b>534</b>	<b>994</b>	<b>2,115</b>
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	11	12	52	67
Netherlands.....	517	4	87	66	21	35	45	4	23	94	137
Norway.....	123	1	46	4	7	4	8	2	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	292	101	309	802
Other.....	1,788	16	195	146	45	183	130	325	87	159	502
<b>Latin America and Other Western Hemisphere .....</b>	<b>4,342</b>	<b>120</b>	<b>247</b>	<b>257</b>	<b>47</b>	<b>200</b>	<b>159</b>	<b>880</b>	<b>281</b>	<b>497</b>	<b>1,653</b>
South and Central America .....	3,933	99	232	228	43	180	108	780	276	468	1,519
Argentina.....	460	(D)	28	25	(D)	9	15	34	(D)	69	153
Brazil.....	597	23	51	63	5	44	24	52	17	71	247
Chile.....	291	4	9	11	(*)	2	9	148	4	28	76
Mexico.....	952	14	68	68	13	28	35	78	77	249	322
Venezuela.....	581	3	35	34	2	14	9	226	3	11	244
Other.....	1,051	(D)	40	28	(D)	83	16	242	(D)	41	476
Other Western Hemisphere.....	409	21	16	28	4	21	51	100	5	29	134
Bermuda.....	61	7	4	7	2	5	22	2	(*)	1	12
Other.....	348	14	12	22	2	16	30	98	4	29	123
<b>Africa .....</b>	<b>1,258</b>	<b>3</b>	<b>126</b>	<b>62</b>	<b>14</b>	<b>131</b>	<b>8</b>	<b>634</b>	<b>30</b>	<b>38</b>	<b>211</b>
South Africa.....	209	(*)	85	49	5	25	6	4	(*)	16	19
Other.....	1,049	3	40	13	9	106	2	629	30	22	193
<b>Middle East .....</b>	<b>2,052</b>	<b>3</b>	<b>107</b>	<b>105</b>	<b>79</b>	<b>128</b>	<b>55</b>	<b>905</b>	<b>78</b>	<b>430</b>	<b>161</b>
Israel.....	209	1	36	6	30	23	27	3	14	31	38
Saudi Arabia.....	1,246	(*)	55	(D)	48	51	5	(D)	(D)	323	29
Other.....	596	1	15	(D)	2	54	23	(D)	(D)	76	94
<b>Asia and Pacific .....</b>	<b>7,241</b>	<b>66</b>	<b>610</b>	<b>465</b>	<b>312</b>	<b>331</b>	<b>741</b>	<b>1,818</b>	<b>752</b>	<b>1,204</b>	<b>942</b>
Australia.....	544	4	100	113	17	38	56	31	20	85	81
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	10	11	18	33
Indonesia.....	574	(*)	16	3	2	27	6	448	7	35	30
Japan.....	2,040	36	230	139	198	102	396	63	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	36	5	37	26
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
<b>International organizations and unallocated .....</b>	<b>190</b>	<b>(*)</b>	<b>1</b>	<b>(*)</b>	<b>6</b>	<b>6</b>	<b>(*)</b>	<b>3</b>	<b>(*)</b>	<b>(*)</b>	<b>174</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	8,468	159	1,754	888	333	629	1,176	550	444	895	1,640
Eastern Europe <sup>4</sup> .....	835	7	56	23	7	126	75	240	75	28	197

See footnotes at the end of the table.

Table 7.1. 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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries.....</b>	<b>8,449</b>	<b>881</b>	<b>1,323</b>	<b>171</b>	<b>749</b>	<b>842</b>	<b>742</b>	<b>256</b>	<b>262</b>	<b>315</b>	<b>2,906</b>
<b>Canada .....</b>	<b>2,145</b>	<b>56</b>	<b>933</b>	<b>8</b>	<b>117</b>	<b>101</b>	<b>46</b>	<b>14</b>	<b>84</b>	<b>136</b>	<b>650</b>
<b>Europe .....</b>	<b>3,459</b>	<b>312</b>	<b>170</b>	<b>126</b>	<b>473</b>	<b>387</b>	<b>409</b>	<b>107</b>	<b>130</b>	<b>114</b>	<b>1,231</b>
Belgium-Luxembourg .....	91	16	6	3	13	15	16	3	(*)	1	20
France .....	287	31	19	(D)	26	39	28	2	5	2	(D)
Germany.....	413	47	51	12	64	49	59	(D)	(D)	26	(D)
Italy.....	146	16	4	1	13	6	16	1	18	(D)	(D)
Netherlands.....	130	5	2	16	22	13	12	1	(*)	4	55
Norway .....	43	2	(D)	(*)	7	2	5	(D)	1	1	14
Spain .....	96	19	3	(*)	7	7	11	(*)	26	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.....	1,504	142	62	45	168	193	180	44	19	34	616
Other .....	527	15	(D)	(D)	67	57	67	(D)	(D)	(D)	215
<b>Latin America and Other Western Hemisphere .....</b>	<b>632</b>	<b>92</b>	<b>11</b>	<b>1</b>	<b>28</b>	<b>68</b>	<b>87</b>	<b>38</b>	<b>16</b>	<b>15</b>	<b>276</b>
South and Central America .....	560	87	9	1	26	58	72	38	16	13	240
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	1	4	8	64
Venezuela.....	61	1	(*)	(*)	1	4	5	(*)	1	(*)	49
Other .....	141	13	2	(*)	9	27	16	(D)	(D)	(*)	67
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
<b>Africa .....</b>	<b>165</b>	<b>5</b>	<b>1</b>	<b>(*)</b>	<b>22</b>	<b>(D)</b>	<b>8</b>	<b>16</b>	<b>1</b>	<b>2</b>	<b>(D)</b>
South Africa.....	29	3	(*)	(*)	6	2	2	(*)	(*)	(*)	15
Other .....	136	2	(*)	(*)	16	(D)	6	16	1	2	(D)
<b>Middle East .....</b>	<b>361</b>	<b>18</b>	<b>20</b>	<b>2</b>	<b>29</b>	<b>(D)</b>	<b>11</b>	<b>45</b>	<b>11</b>	<b>2</b>	<b>(D)</b>
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)
<b>Asia and Pacific .....</b>	<b>1,679</b>	<b>398</b>	<b>187</b>	<b>34</b>	<b>80</b>	<b>138</b>	<b>179</b>	<b>34</b>	<b>21</b>	<b>46</b>	<b>560</b>
Australia.....	203	16	8	1	12	22	23	15	1	4	101
China.....	85	5	4	4	23	4	12	(*)	1	2	29
Hong Kong.....	100	10	2	1	1	3	20	3	(*)	3	57
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	3	(D)	13	(D)
Korea, Republic of.....	94	14	1	2	3	6	17	(*)	1	9	41
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	1	(D)	7	(D)
Taiwan.....	82	18	4	(*)	3	13	9	1	(*)	4	29
Thailand.....	42	1	(*)	(*)	3	3	5	3	(*)	(*)	(D)
Other .....	44	2	1	(*)	3	(D)	4	2	(*)	(*)	(D)
<b>International organizations and unallocated .....</b>	<b>7</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>1</b>	<b>2</b>	<b>(*)</b>	<b>(*)</b>	<b>4</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	3,001	291	151	119	377	335	360	57	123	96	1,094
Eastern Europe <sup>4</sup> .....	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, architectural, and engineering 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 \$5,263 million were derived as gross operating revenues of \$7,751 million less merchandise exports of \$611 million and foreign expenses of \$1,878 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. Architectural, engineering, 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. Payments for construction, architectural, and engineering 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; agricultural, mining, and on-site processing services; medical services; miscellaneous disbursements (see footnote 3 table 1); operational leasing; sports and performing arts; trade-related services (see footnote 4 table 1); training services; and other business, professional, and technical services (see footnote 5 table 1). Receipts for 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, 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 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.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.2. 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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries.....</b>	<b>25,318</b>	<b>496</b>	<b>3,262</b>	<b>2,360</b>	<b>910</b>	<b>1,670</b>	<b>3,103</b>	<b>2,132</b>	<b>673</b>	<b>4,249</b>	<b>6,463</b>
<b>Canada .....</b>	<b>2,820</b>	<b>90</b>	<b>319</b>	<b>235</b>	<b>68</b>	<b>114</b>	<b>224</b>	<b>486</b>	<b>17</b>	<b>368</b>	<b>899</b>
<b>Europe .....</b>	<b>10,136</b>	<b>264</b>	<b>1,811</b>	<b>1,132</b>	<b>409</b>	<b>695</b>	<b>1,754</b>	<b>456</b>	<b>226</b>	<b>1,266</b>	<b>2,123</b>
Belgium-Luxembourg .....	318	3	22	34	17	38	62	24	(*)	45	73
France .....	986	75	105	84	36	39	254	10	(D)	157	(D)
Germany.....	1,071	44	139	102	63	77	244	7	21	185	189
Italy.....	471	26	42	149	29	25	39	10	7	75	70
Netherlands.....	551	3	54	71	19	43	79	3	5	102	172
Norway.....	98	(*)	24	5	5	3	15	-3	(*)	10	39
Spain.....	371	3	54	27	7	13	36	22	(D)	33	(D)
Sweden.....	248	5	35	22	15	22	54	(*)	6	50	39
Switzerland.....	552	20	19	100	54	44	112	1	(D)	49	(D)
United Kingdom.....	3,868	74	1,157	376	108	196	671	120	(D)	420	(D)
Other.....	1,603	11	160	162	55	194	187	263	11	141	419
<b>Latin America and Other Western Hemisphere .....</b>	<b>3,690</b>	<b>73</b>	<b>298</b>	<b>287</b>	<b>39</b>	<b>237</b>	<b>210</b>	<b>136</b>	<b>(D)</b>	<b>588</b>	<b>(D)</b>
South and Central America .....	3,268	58	275	259	35	187	158	84	(D)	556	(D)
Argentina.....	330	(D)	35	30	4	11	21	9	(D)	20	169
Brazil.....	782	9	111	94	3	31	34	40	3	156	301
Chile.....	152	(*)	5	12	2	8	7	(D)	(D)	23	(D)
Mexico.....	723	12	58	66	15	41	54	-132	30	220	360
Venezuela.....	309	2	27	29	4	12	13	106	4	11	101
Other.....	972	(D)	40	30	7	84	28	(D)	(D)	126	556
Other Western Hemisphere.....	423	14	22	28	4	50	52	53	(D)	32	(D)
Bermuda.....	101	2	5	4	2	18	29	1	(*)	(*)	39
Other.....	321	12	17	24	2	32	23	52	(D)	32	(D)
<b>Africa .....</b>	<b>1,008</b>	<b>2</b>	<b>159</b>	<b>75</b>	<b>47</b>	<b>188</b>	<b>21</b>	<b>179</b>	<b>(D)</b>	<b>89</b>	<b>(D)</b>
South Africa.....	276	1	80	55	(D)	21	16	(D)	(*)	13	15
Other.....	733	1	80	20	(D)	167	5	(D)	(D)	76	(D)
<b>Middle East .....</b>	<b>1,236</b>	<b>3</b>	<b>133</b>	<b>117</b>	<b>37</b>	<b>151</b>	<b>61</b>	<b>102</b>	<b>14</b>	<b>348</b>	<b>270</b>
Israel.....	216	1	24	7	14	12	40	1	3	59	55
Saudi Arabia.....	572	1	60	(D)	20	93	12	22	6	217	(D)
Other.....	448	1	49	(D)	2	46	9	79	5	73	(D)
<b>Asia and Pacific .....</b>	<b>6,298</b>	<b>64</b>	<b>541</b>	<b>513</b>	<b>301</b>	<b>278</b>	<b>828</b>	<b>773</b>	<b>285</b>	<b>1,584</b>	<b>1,130</b>
Australia.....	622	3	125	109	24	40	44	28	16	122	112
China.....	786	2	13	15	10	9	35	334	(D)	138	(D)
Hong Kong.....	384	12	40	48	2	11	94	18	6	67	86
India.....	219	1	44	42	9	8	6	15	28	21	45
Indonesia.....	145	(*)	9	6	7	31	7	34	1	8	41
Japan.....	2,110	31	158	162	177	61	504	97	(D)	557	(D)
Korea, Republic of.....	465	3	41	18	30	31	48	30	9	151	105
Malaysia.....	108	1	13	7	2	6	2	2	4	54	16
New Zealand.....	171	(*)	4	24	1	(*)	4	(*)	(*)	50	87
Philippines.....	183	1	9	6	1	24	3	79	8	35	17
Singapore.....	299	7	43	34	5	7	31	43	5	101	23
Taiwan.....	328	2	31	20	17	8	35	38	(D)	115	(D)
Thailand.....	175	2	7	11	11	8	12	41	(D)	44	(D)
Other.....	302	1	5	11	5	32	3	12	8	121	104
<b>International organizations and unallocated .....</b>	<b>133</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>10</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>(D)</b>	<b>5</b>	<b>(D)</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	8,591	240	1,721	992	337	492	1,500	269	203	1,174	1,663
Eastern Europe <sup>4</sup> .....	661	3	23	23	11	127	112	183	5	30	144

See footnotes at the end of the table.

Table 7.2. 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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries</b> .....	<b>8,769</b>	<b>909</b>	<b>1,452</b>	<b>179</b>	<b>787</b>	<b>702</b>	<b>893</b>	<b>202</b>	<b>241</b>	<b>821</b>	<b>2,582</b>
<b>Canada</b> .....	<b>2,522</b>	<b>187</b>	<b>1,073</b>	<b>12</b>	<b>72</b>	<b>124</b>	<b>52</b>	<b>22</b>	<b>30</b>	<b>521</b>	<b>429</b>
<b>Europe</b> .....	<b>3,422</b>	<b>298</b>	<b>176</b>	<b>138</b>	<b>451</b>	<b>323</b>	<b>496</b>	<b>53</b>	<b>143</b>	<b>193</b>	<b>1,151</b>
Belgium-Luxembourg.....	81	11	1	3	12	11	19	3	(*)	2	20
France.....	313	23	16	(D)	22	22	31	1	14	12	(D)
Germany.....	440	44	17	8	81	29	71	1	45	40	105
Italy.....	178	16	3	1	6	8	10	(*)	(D)	28	(D)
Netherlands.....	159	4	2	16	19	11	10	(*)	(*)	6	89
Norway.....	35	3	(*)	(*)	4	3	6	(*)	1	1	17
Spain.....	89	27	9	1	2	4	12	(*)	5	4	25
Sweden.....	58	4	1	(*)	20	5	9	2	(*)	5	11
Switzerland.....	109	9	5	6	29	11	16	1	2	3	26
United Kingdom.....	1,444	141	78	57	169	178	237	31	29	56	466
Other.....	517	17	44	(D)	85	40	73	14	(D)	37	175
<b>Latin America and Other Western Hemisphere</b> .....	<b>548</b>	<b>78</b>	<b>4</b>	<b>1</b>	<b>44</b>	<b>46</b>	<b>97</b>	<b>31</b>	<b>8</b>	<b>25</b>	<b>213</b>
South and Central America.....	492	73	3	1	40	42	81	31	8	22	192
Argentina.....	75	8	(*)	(*)	8	4	13	(D)	(*)	1	(D)
Brazil.....	113	36	1	(*)	10	13	20	1	1	7	24
Chile.....	16	3	(*)	(*)	2	1	3	(*)	(*)	(*)	6
Mexico.....	155	18	1	(*)	5	8	21	3	6	12	80
Venezuela.....	24	1	(*)	(*)	4	3	7	(*)	(*)	(*)	8
Other.....	109	7	1	(*)	10	13	17	(D)	(*)	1	(D)
Other Western Hemisphere.....	56	6	1	(*)	5	4	15	(*)	(*)	3	21
Bermuda.....	24	1	1	(*)	4	1	9	(*)	(*)	1	7
Other.....	32	4	1	(*)	1	3	6	(*)	(*)	2	14
<b>Africa</b> .....	<b>215</b>	<b>5</b>	<b>(*)</b>	<b>(*)</b>	<b>37</b>	<b>29</b>	<b>8</b>	<b>24</b>	<b>(D)</b>	<b>1</b>	<b>(D)</b>
South Africa.....	70	4	(*)	(*)	19	5	3	(*)	(D)	(*)	(D)
Other.....	145	1	(*)	(*)	18	24	4	24	(*)	1	72
<b>Middle East</b> .....	<b>269</b>	<b>18</b>	<b>18</b>	<b>2</b>	<b>27</b>	<b>44</b>	<b>15</b>	<b>46</b>	<b>8</b>	<b>4</b>	<b>86</b>
Israel.....	109	2	9	2	22	4	7	32	4	3	24
Saudi Arabia.....	86	4	9	(*)	4	(D)	4	(D)	4	(*)	13
Other.....	74	13	(*)	(*)	2	(D)	5	(D)	(*)	1	49
<b>Asia and Pacific</b> .....	<b>1,788</b>	<b>323</b>	<b>181</b>	<b>25</b>	<b>155</b>	<b>135</b>	<b>225</b>	<b>24</b>	<b>(D)</b>	<b>76</b>	<b>(D)</b>
Australia.....	163	15	7	1	18	11	28	7	(*)	5	71
China.....	110	5	5	4	25	3	13	1	6	9	40
Hong Kong.....	98	8	3	1	1	8	22	(*)	(*)	3	52
India.....	206	2	133	2	10	23	5	1	(*)	1	29
Indonesia.....	66	(*)	(*)	(*)	5	15	3	1	(*)	3	40
Japan.....	718	260	16	12	49	25	93	4	(D)	36	(D)
Korea, Republic of.....	143	14	1	1	(D)	6	22	(*)	1	1	(D)
Malaysia.....	11	1	(*)	(*)	1	4	2	(*)	(*)	(*)	3
New Zealand.....	9	2	(*)	(*)	2	1	2	(*)	(*)	(*)	2
Philippines.....	39	2	7	3	1	5	4	4	(*)	(*)	12
Singapore.....	52	2	2	(*)	5	3	8	(*)	(*)	5	27
Taiwan.....	72	10	4	(*)	5	8	11	(*)	(*)	(D)	(D)
Thailand.....	48	1	3	(*)	4	(D)	7	3	(*)	(*)	(D)
Other.....	52	2	(*)	(*)	(D)	(D)	5	4	(*)	(D)	30
<b>International organizations and unallocated</b> .....	<b>4</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>(*)</b>	<b>(*)</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	3,023	281	170	132	373	288	426	40	136	164	1,014
Eastern Europe <sup>4</sup> .....	181	2	(*)	(*)	37	15	36	11	4	4	71

\* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, architectural, and engineering 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 \$2,132 million were derived as gross operating revenues of \$5,158 million less merchandise exports of \$876 million and foreign expenses of \$2,149 million. The components of the total are as follows: Construction services—net receipts of \$673 million were derived as gross operating revenues of \$2,513 million less merchandise exports of \$698 million and foreign expenses of \$1,142 million. Architectural, engineering, and other technical services—net receipts of \$1,459 million were derived as gross operating revenues of \$2,645 million less merchandise exports of \$179 million and foreign expenses of \$1,007 million. Payments for construction, architectural, and engineering 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. Receipts for 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, 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 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.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.3. 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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries</b> .....	<b>28,611</b>	<b>526</b>	<b>3,217</b>	<b>2,241</b>	<b>1,065</b>	<b>2,085</b>	<b>3,309</b>	<b>2,630</b>	<b>731</b>	<b>4,939</b>	<b>7,868</b>
<b>Canada</b> .....	<b>2,977</b>	<b>88</b>	<b>351</b>	<b>233</b>	<b>84</b>	<b>286</b>	<b>273</b>	<b>195</b>	<b>27</b>	<b>469</b>	<b>970</b>
<b>Europe</b> .....	<b>11,381</b>	<b>267</b>	<b>1,856</b>	<b>1,149</b>	<b>469</b>	<b>897</b>	<b>1,825</b>	<b>661</b>	<b>256</b>	<b>1,445</b>	<b>2,556</b>
Belgium-Luxembourg.....	431	2	41	35	23	20	71	31	(D)	56	(D)
France.....	1,019	84	91	71	60	66	258	13	14	123	240
Germany.....	1,433	43	181	81	105	152	290	23	21	258	281
Italy.....	481	18	52	140	9	26	47	8	3	91	88
Netherlands.....	601	13	55	73	14	62	78	9	2	119	177
Norway.....	111	(*)	11	3	4	1	13	4	(*)	25	49
Spain.....	419	3	56	25	7	14	30	47	(D)	38	(D)
Sweden.....	257	4	56	21	16	15	66	7	3	36	32
Switzerland.....	706	27	78	122	80	52	95	(D)	4	63	(D)
United Kingdom.....	3,936	65	1,071	433	99	251	668	102	21	440	786
Other.....	1,986	8	164	145	53	240	209	(D)	6	195	(D)
<b>Latin America and Other Western Hemisphere</b> .....	<b>4,930</b>	<b>85</b>	<b>232</b>	<b>262</b>	<b>55</b>	<b>276</b>	<b>239</b>	<b>941</b>	<b>66</b>	<b>724</b>	<b>2,050</b>
South and Central America.....	4,400	76	201	234	41	199	178	849	60	695	1,867
Argentina.....	394	10	25	19	7	3	21	13	4	74	218
Brazil.....	1,035	11	72	94	7	42	38	(D)	(D)	135	(D)
Chile.....	176	1	7	11	1	3	8	12	9	46	78
Mexico.....	1,083	22	61	64	14	34	58	184	24	228	393
Venezuela.....	608	3	12	21	4	14	15	257	1	163	117
Other.....	1,105	28	24	24	8	102	39	(D)	(D)	50	(D)
Other Western Hemisphere.....	530	9	31	28	14	77	61	93	6	29	183
Bermuda.....	125	5	11	1	13	24	37	(*)	(*)	1	33
Other.....	405	4	20	28	1	53	24	93	6	27	150
<b>Africa</b> .....	<b>1,113</b>	<b>3</b>	<b>140</b>	<b>30</b>	<b>61</b>	<b>198</b>	<b>25</b>	<b>230</b>	<b>9</b>	<b>93</b>	<b>324</b>
South Africa.....	209	1	85	(D)	42	19	9	9	(*)	18	(D)
Other.....	905	2	55	(D)	19	179	16	222	9	75	(D)
<b>Middle East</b> .....	<b>1,475</b>	<b>7</b>	<b>122</b>	<b>128</b>	<b>44</b>	<b>187</b>	<b>92</b>	<b>162</b>	<b>49</b>	<b>323</b>	<b>360</b>
Israel.....	283	1	37	5	13	21	64	6	12	39	85
Saudi Arabia.....	679	2	56	(D)	20	120	15	60	(D)	226	103
Other.....	513	4	29	(D)	12	46	13	96	(D)	58	172
<b>Asia and Pacific</b> .....	<b>6,599</b>	<b>76</b>	<b>516</b>	<b>438</b>	<b>344</b>	<b>232</b>	<b>849</b>	<b>440</b>	<b>324</b>	<b>1,885</b>	<b>1,494</b>
Australia.....	616	4	99	109	19	26	42	15	28	149	126
China.....	737	2	19	16	12	13	40	158	(D)	167	(D)
Hong Kong.....	385	12	40	35	3	15	73	14	2	95	96
India.....	293	1	15	44	9	11	10	12	(D)	26	(D)
Indonesia.....	146	(*)	5	5	5	20	16	32	6	8	49
Japan.....	2,251	33	183	127	237	42	518	53	68	720	270
Korea, Republic of.....	573	5	28	17	27	26	57	93	12	166	143
Malaysia.....	158	1	27	8	2	7	3	19	7	55	29
New Zealand.....	158	1	10	(D)	1	3	6	-4	(*)	38	(D)
Philippines.....	147	1	10	6	2	14	3	14	7	70	21
Singapore.....	283	10	37	13	7	12	34	-60	4	191	33
Taiwan.....	397	3	21	20	12	3	32	60	(D)	125	(D)
Thailand.....	176	2	15	12	5	8	11	9	(D)	59	(D)
Other.....	280	1	7	(D)	3	32	5	26	2	15	(D)
<b>International organizations and unallocated</b> .....	<b>139</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>5</b>	<b>(*)</b>	<b>(*)</b>	<b>113</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	9,295	235	1,704	996	366	654	1,572	259	249	1,281	1,977
Eastern Europe <sup>4</sup> .....	933	2	47	19	18	142	121	370	1	55	156

See See footnotes at end of table.

Table 7.3. 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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries</b> .....	<b>10,034</b>	<b>1,183</b>	<b>1,419</b>	<b>250</b>	<b>826</b>	<b>792</b>	<b>762</b>	<b>295</b>	<b>192</b>	<b>715</b>	<b>3,599</b>
<b>Canada</b> .....	<b>2,449</b>	<b>204</b>	<b>1,006</b>	<b>19</b>	<b>92</b>	<b>90</b>	<b>45</b>	<b>46</b>	<b>18</b>	<b>385</b>	<b>543</b>
<b>Europe</b> .....	<b>4,344</b>	<b>631</b>	<b>215</b>	<b>190</b>	<b>436</b>	<b>400</b>	<b>425</b>	<b>90</b>	<b>73</b>	<b>210</b>	<b>1,674</b>
Belgium-Luxembourg.....	131	14	(D)	7	16	18	18	2	5	6	(D)
France.....	298	28	25	(D)	31	23	28	5	8	4	(D)
Germany.....	480	50	16	8	47	62	60	3	2	6	226
Italy.....	137	22	3	1	6	7	11	(*)	(*)	19	68
Netherlands.....	303	13	7	14	10	20	11	7	2	8	211
Norway.....	35	4	(*)	1	3	1	5	7	(*)	(*)	14
Spain.....	130	27	8	(D)	6	2	12	1	4	1	(D)
Sweden.....	125	6	(*)	(*)	13	11	7	(D)	(*)	(D)	13
Switzerland.....	144	9	3	3	41	6	13	1	(*)	2	65
United Kingdom.....	1,990	430	81	72	195	204	215	33	26	76	658
Other.....	572	28	(D)	4	67	46	45	(D)	27	(D)	250
<b>Latin America and Other Western Hemisphere</b> .....	<b>724</b>	<b>78</b>	<b>11</b>	<b>7</b>	<b>36</b>	<b>56</b>	<b>91</b>	<b>34</b>	<b>2</b>	<b>29</b>	<b>381</b>
South and Central America.....	649	72	10	3	24	49	73	31	1	28	357
Argentina.....	48	8	1	(*)	7	3	10	(*)	(*)	1	18
Brazil.....	149	33	3	2	6	10	19	8	(*)	(D)	(D)
Chile.....	13	2	(*)	(*)	2	1	3	(*)	(*)	(*)	5
Mexico.....	204	20	5	(*)	3	23	20	12	1	(D)	(D)
Venezuela.....	26	1	1	1	1	1	5	1	(*)	(*)	15
Other.....	209	9	(*)	(*)	5	11	16	10	(*)	(*)	158
Other Western Hemisphere.....	74	6	1	4	12	7	18	3	(*)	(*)	23
Bermuda.....	33	1	(*)	(*)	9	1	12	1	(*)	(*)	7
Other.....	42	5	1	3	3	6	6	1	(*)	(*)	16
<b>Africa</b> .....	<b>384</b>	<b>7</b>	<b>(D)</b>	<b>(*)</b>	<b>60</b>	<b>30</b>	<b>8</b>	<b>15</b>	<b>(D)</b>	<b>1</b>	<b>205</b>
South Africa.....	117	5	(D)	(*)	32	3	3	(*)	(D)	(*)	16
Other.....	267	2	1	(*)	28	27	5	14	(*)	1	189
<b>Middle East</b> .....	<b>293</b>	<b>17</b>	<b>(D)</b>	<b>2</b>	<b>30</b>	<b>41</b>	<b>14</b>	<b>41</b>	<b>(D)</b>	<b>17</b>	<b>119</b>
Israel.....	123	3	(D)	2	26	(D)	8	21	5	8	43
Saudi Arabia.....	70	(*)	(D)	(*)	4	(D)	3	7	(D)	(*)	22
Other.....	99	14	(*)	(*)	1	4	4	12	(*)	9	55
<b>Asia and Pacific</b> .....	<b>1,837</b>	<b>247</b>	<b>163</b>	<b>32</b>	<b>172</b>	<b>173</b>	<b>180</b>	<b>69</b>	<b>52</b>	<b>72</b>	<b>676</b>
Australia.....	200	18	6	2	12	12	24	1	(*)	6	119
China.....	80	4	5	3	9	2	11	3	(*)	5	38
Hong Kong.....	143	11	1	2	1	3	19	(D)	7	4	(D)
India.....	194	1	99	5	17	34	4	5	(*)	(*)	29
Indonesia.....	41	1	(*)	3	3	5	2	1	(*)	2	25
Japan.....	648	177	17	9	95	35	72	7	(D)	26	(D)
Korea, Republic of.....	160	9	(*)	1	6	15	19	8	(D)	(D)	59
Malaysia.....	14	2	(*)	(*)	4	4	2	(*)	(*)	(*)	5
New Zealand.....	8	2	(*)	(*)	(*)	(*)	2	(*)	(*)	(*)	3
Philippines.....	86	3	26	3	1	(D)	3	2	(*)	(*)	(D)
Singapore.....	72	4	3	2	14	2	5	4	(*)	(*)	36
Taiwan.....	84	8	5	3	7	7	11	4	(*)	(*)	25
Thailand.....	33	3	1	(*)	2	(D)	3	2	(*)	(*)	(D)
Other.....	75	4	(*)	(*)	6	3	3	(D)	(*)	(D)	49
<b>International organizations and unallocated</b> .....	<b>3</b>	<b>(*)</b>	<b>2</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>1</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	3,857	607	208	186	351	367	377	75	63	201	1,422
Eastern Europe <sup>4</sup> .....	256	6	4	(*)	34	20	24	6	7	5	151

\* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts for construction, architectural, and engineering 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 \$2,630 million were derived as gross operating revenues of \$5,561 million less merchandise exports of \$706 million and foreign expenses of \$2,225 million. The components of the total are as follows: Construction services—net receipts of \$552 million were derived as gross operating revenues of \$2,345 million less merchandise exports of \$541 million and foreign expenses of \$1,252 million. Architectural, engineering, and other technical services—net receipts of \$2,078 million were derived as gross operating revenues of \$3,215 million less merchandise exports of \$165 million and foreign expenses of \$973 million. Payments for construction, architectural, and engineering 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. Receipts for 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, mining services net receipts of \$229 million were derived as gross operating revenues of \$462 million less merchandise exports of \$3 million and foreign expenses of \$230 million. Payments for 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.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.4. Business, Professional, and Technical Services, Unaffiliated, 2002

[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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries</b> .....	<b>28,799</b>	<b>633</b>	<b>3,004</b>	<b>2,426</b>	<b>1,086</b>	<b>1,696</b>	<b>3,270</b>	<b>2,570</b>	<b>749</b>	<b>4,992</b>	<b>8,372</b>
<b>Canada</b> .....	<b>2,997</b>	<b>106</b>	<b>420</b>	<b>352</b>	<b>91</b>	<b>163</b>	<b>309</b>	<b>146</b>	<b>22</b>	<b>413</b>	<b>976</b>
<b>Europe</b> .....	<b>11,207</b>	<b>298</b>	<b>1,765</b>	<b>1,096</b>	<b>565</b>	<b>633</b>	<b>1,773</b>	<b>727</b>	<b>202</b>	<b>1,535</b>	<b>2,612</b>
Belgium-Luxembourg .....	390	2	49	25	21	13	56	(D)	1	100	(D)
France .....	1,116	41	113	69	61	32	210	21	5	203	361
Germany .....	1,437	43	163	77	125	89	281	43	24	289	304
Italy .....	520	29	64	136	9	14	44	8	(D)	110	(D)
Netherlands .....	596	16	77	74	15	37	83	5	8	95	188
Norway .....	109	(*)	14	5	3	2	13	4	4	19	45
Spain .....	380	9	25	27	7	31	32	58	(D)	42	(D)
Sweden .....	295	6	45	20	14	18	69	(D)	2	33	(D)
Switzerland .....	719	29	72	86	98	62	122	15	(D)	56	(D)
United Kingdom .....	3,634	100	975	436	149	131	671	77	23	387	684
Other .....	2,010	23	169	141	61	204	192	396	(D)	201	(D)
<b>Latin America and Other Western Hemisphere</b> .....	<b>4,729</b>	<b>105</b>	<b>178</b>	<b>329</b>	<b>45</b>	<b>263</b>	<b>215</b>	<b>619</b>	<b>144</b>	<b>728</b>	<b>2,103</b>
South and Central America .....	4,198	94	158	302	32	188	146	522	137	704	1,914
Argentina .....	337	12	12	32	2	2	14	31	(D)	10	(D)
Brazil .....	981	15	53	100	11	26	33	(D)	(D)	139	(D)
Chile .....	139	3	4	20	1	2	8	3	(D)	15	(D)
Mexico .....	1,028	29	52	87	9	43	49	43	(D)	223	(D)
Venezuela .....	564	4	11	26	4	14	12	89	6	271	127
Other .....	1,149	32	26	37	6	101	30	(D)	10	45	(D)
Other Western Hemisphere .....	531	11	20	26	12	75	70	97	7	24	189
Bermuda .....	142	5	8	4	12	40	40	(*)	(*)	1	32
Other .....	389	6	12	22	1	36	29	96	7	23	157
<b>Africa</b> .....	<b>991</b>	<b>7</b>	<b>110</b>	<b>40</b>	<b>29</b>	<b>181</b>	<b>21</b>	<b>149</b>	<b>21</b>	<b>111</b>	<b>320</b>
South Africa .....	178	2	82	8	9	20	9	10	(*)	18	20
Other .....	813	6	28	32	20	161	12	139	21	93	300
<b>Middle East</b> .....	<b>1,478</b>	<b>10</b>	<b>89</b>	<b>146</b>	<b>38</b>	<b>195</b>	<b>72</b>	<b>148</b>	<b>52</b>	<b>366</b>	<b>364</b>
Israel .....	262	3	33	7	11	33	47	7	14	31	77
Saudi Arabia .....	683	2	41	61	12	108	16	51	21	272	100
Other .....	532	5	16	78	15	54	9	90	17	63	187
<b>Asia and Pacific</b> .....	<b>6,855</b>	<b>107</b>	<b>442</b>	<b>462</b>	<b>311</b>	<b>260</b>	<b>876</b>	<b>(D)</b>	<b>308</b>	<b>1,838</b>	<b>(D)</b>
Australia .....	598	6	85	116	13	12	60	10	34	142	120
China .....	797	4	15	18	12	13	45	197	(D)	182	(D)
Hong Kong .....	327	15	28	37	2	17	49	7	4	75	92
India .....	268	1	13	51	4	11	9	10	16	26	128
Indonesia .....	160	(*)	3	6	5	22	5	76	4	7	33
Japan .....	2,338	47	185	88	234	62	597	116	39	749	221
Korea, Republic of .....	691	12	26	19	14	21	55	(D)	37	173	(D)
Malaysia .....	159	1	5	10	1	6	4	11	18	73	29
New Zealand .....	157	1	5	24	1	2	5	-4	(*)	39	85
Philippines .....	94	1	11	6	2	17	3	-4	4	31	23
Singapore .....	343	9	33	32	4	(D)	14	16	15	158	(D)
Taiwan .....	408	5	16	22	10	2	28	119	32	110	64
Thailand .....	205	1	14	14	5	11	1	12	(D)	56	(D)
Other .....	310	3	4	20	4	(D)	2	13	5	18	(D)
<b>International organizations and unallocated</b> .....	<b>546</b>	<b>(*)</b>	<b>(*)</b>	<b>(*)</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>(D)</b>	<b>(*)</b>	<b>(*)</b>	<b>(D)</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	9,185	263	1,633	974	445	398	1,534	381	135	1,367	2,056
Eastern Europe <sup>4</sup> .....	794	2	35	22	14	119	96	292	5	60	149

See See footnotes at end of table.

Table 7.4. Business, Professional, and Technical Services, Unaffiliated, 2002—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, architectural, and engineering services <sup>1</sup>	Industrial engineering	Installation, maintenance, and repair of equipment	Other <sup>2</sup>
<b>All countries</b> .....	<b>10,732</b>	<b>1,360</b>	<b>1,057</b>	<b>236</b>	<b>1,040</b>	<b>1,188</b>	<b>768</b>	<b>538</b>	<b>185</b>	<b>812</b>	<b>3,550</b>
<b>Canada</b> .....	<b>2,604</b>	<b>241</b>	<b>758</b>	<b>23</b>	<b>129</b>	<b>224</b>	<b>51</b>	<b>93</b>	<b>29</b>	<b>447</b>	<b>610</b>
<b>Europe</b> .....	<b>4,519</b>	<b>662</b>	<b>144</b>	<b>163</b>	<b>575</b>	<b>467</b>	<b>420</b>	<b>248</b>	<b>89</b>	<b>178</b>	<b>1,573</b>
Belgium-Luxembourg .....	111	7	9	2	11	19	11	9	9	(*)	34
France .....	342	49	16	(D)	30	19	25	22	14	(D)	106
Germany.....	492	52	16	7	98	121	59	6	15	10	107
Italy.....	139	23	3	1	16	17	11	(*)	4	3	61
Netherlands.....	265	12	6	18	15	12	9	10	1	7	175
Norway .....	36	3	1	(*)	3	1	4	6	3	(*)	13
Spain .....	123	25	3	(D)	4	2	10	8	3	1	(D)
Sweden .....	137	6	1	1	20	(D)	7	16	(*)	43	(D)
Switzerland.....	116	7	5	2	48	4	15	1	(*)	1	31
United Kingdom.....	2,068	438	50	52	250	188	222	105	35	72	656
Other .....	692	41	36	2	79	62	46	65	5	(D)	345
<b>Latin America and Other Western Hemisphere</b> .....	<b>841</b>	<b>86</b>	<b>8</b>	<b>5</b>	<b>41</b>	<b>147</b>	<b>85</b>	<b>31</b>	<b>2</b>	<b>68</b>	<b>368</b>
South and Central America .....	773	77	7	2	39	139	65	30	2	67	345
Argentina .....	91	10	1	(*)	8	3	9	(*)	(*)	(*)	59
Brazil.....	148	26	2	1	7	(D)	16	1	(*)	(D)	42
Chile.....	13	2	(*)	(*)	2	1	3	(*)	(*)	(*)	5
Mexico.....	309	32	2	(*)	15	(D)	20	7	1	(D)	106
Venezuela .....	28	2	1	(*)	1	3	4	1	(*)	(*)	15
Other .....	183	6	(*)	(*)	6	15	14	21	(*)	3	118
Other Western Hemisphere.....	67	8	1	2	2	8	20	1	1	1	23
Bermuda.....	31	(*)	1	(*)	1	2	14	(*)	1	1	11
Other .....	37	8	1	2	2	6	6	1	(*)	(*)	12
<b>Africa</b> .....	<b>368</b>	<b>5</b>	<b>16</b>	<b>(*)</b>	<b>49</b>	<b>47</b>	<b>7</b>	<b>11</b>	<b>1</b>	<b>4</b>	<b>228</b>
South Africa.....	111	3	15	(*)	15	6	3	1	(*)	(*)	66
Other .....	257	2	1	(*)	34	41	4	9	1	4	162
<b>Middle East</b> .....	<b>289</b>	<b>22</b>	<b>2</b>	<b>2</b>	<b>18</b>	<b>49</b>	<b>13</b>	<b>57</b>	<b>5</b>	<b>9</b>	<b>114</b>
Israel.....	111	2	1	2	17	6	7	32	4	2	38
Saudi Arabia.....	65	1	(*)	(*)	(*)	36	3	7	(*)	1	18
Other .....	114	19	(*)	(*)	1	7	4	19	(*)	7	58
<b>Asia and Pacific</b> .....	<b>2,110</b>	<b>344</b>	<b>128</b>	<b>44</b>	<b>228</b>	<b>255</b>	<b>192</b>	<b>99</b>	<b>59</b>	<b>105</b>	<b>656</b>
Australia.....	200	19	3	1	12	8	26	1	(*)	15	116
China.....	141	24	1	4	8	3	16	2	2	9	73
Hong Kong.....	177	13	14	3	4	15	21	31	8	6	60
India.....	209	(D)	76	4	19	12	4	6	7	1	(D)
Indonesia.....	59	1	(*)	3	6	7	7	1	(*)	2	32
Japan.....	726	173	10	17	96	137	69	7	7	26	184
Korea, Republic of.....	160	12	1	4	7	17	20	32	34	(D)	(D)
Malaysia.....	28	3	(*)	(*)	1	10	1	(*)	(*)	4	8
New Zealand.....	16	4	(*)	(*)	(*)	2	2	(*)	(*)	1	6
Philippines .....	51	6	20	3	1	9	3	(*)	(*)	(*)	9
Singapore.....	122	21	1	1	(D)	5	6	4	1	7	(D)
Taiwan.....	88	9	2	3	8	8	11	7	(*)	17	23
Thailand.....	40	4	1	(*)	2	17	4	2	(*)	(*)	10
Other .....	93	(D)	(*)	(*)	(D)	4	3	6	(*)	(D)	57
<b>International organizations and unallocated</b> .....	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(*)</b>
<b>Addenda:</b>											
European Union <sup>3</sup> .....	3,962	642	135	160	479	422	373	216	83	172	1,280
Eastern Europe <sup>4</sup> .....	334	5	2	1	35	32	22	10	2	5	219

\* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies

1. Receipts for construction, architectural, and engineering 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 2002, total net receipts of \$2,570 million were derived as gross operating revenues of \$6,076 million less merchandise exports of \$517 million and foreign expenses of \$2,988 million. The components of the total are as follows: Construction services—net receipts of \$654 million were derived as gross operating revenues of \$3,160 million less merchandise exports of \$311 million and foreign expenses of \$2,196 million. Architectural, engineering, and other technical services—net receipts of \$1,916 million were derived as gross operating revenues of \$2,915 million less merchandise exports of \$206 million and foreign expenses of \$793 million. Payments for construction, architectural, and engineering 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. Receipts for 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 2002, mining services net receipts of \$229 million were derived as gross operating revenues of \$469 million less merchandise exports of \$3 million and foreign expenses of \$237 million. Payments for 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.

3. See table 2, footnote 2.

4. See table 2, footnote 3.



**Table 8. Sales of Services to Foreign Persons by U.S. MNCs Through Their Nonbank MOFAs and to U.S. Persons by Foreign MNCs Through Their Nonbank MOUSAs, by Country, 1994–2001**  
[Millions of dollars]

Country <sup>1</sup>	Sales by MOFAs to foreign persons								Sales by MOUSAs to U.S. persons							
	1994	1995	1996	1997	1998	1999 <sup>2</sup>	2000	2001	1994	1995	1996	1997 <sup>3</sup>	1998	1999	2000	2001
<b>All countries</b>	<b>159,149</b>	<b>190,057</b>	<b>223,175</b>	<b>255,335</b>	<b>286,066</b>	<b>353,207</b>	<b>413,470</b>	<b>432,179</b>	<b>145,414</b>	<b>149,663</b>	<b>168,444</b>	<b>223,060</b>	<b>245,472</b>	<b>293,485</b>	<b>344,389</b>	<b>366,896</b>
<b>Canada</b>	<b>17,776</b>	<b>18,534</b>	<b>21,160</b>	<b>24,128</b>	<b>25,698</b>	<b>34,741</b>	<b>52,833</b>	<b>51,198</b>	<b>22,285</b>	<b>26,620</b>	<b>27,282</b>	<b>35,064</b>	<b>41,871</b>	<b>47,438</b>	<b>50,209</b>	<b>47,921</b>
<b>Europe</b>	<b>84,599</b>	<b>105,111</b>	<b>128,665</b>	<b>147,698</b>	<b>165,170</b>	<b>198,673</b>	<b>213,763</b>	<b>233,624</b>	<b>86,156</b>	<b>89,978</b>	<b>101,296</b>	<b>134,865</b>	<b>150,093</b>	<b>187,596</b>	<b>233,499</b>	<b>249,404</b>
Belgium	3,886	4,277	4,260	4,283	4,552	4,781	5,582	(D)	471	164	349	130	262	850	1,237	1,028
France	10,897	14,183	15,868	14,567	17,704	19,641	19,703	20,028	11,315	12,141	12,260	16,011	18,456	21,436	30,113	42,996
Germany	12,434	17,618	21,829	19,102	20,105	29,732	24,623	26,326	10,728	11,904	16,991	22,171	27,396	29,467	41,956	41,882
Italy	4,528	5,176	6,462	6,319	7,455	(D)	7,470	8,201	917	750	993	914	818	1,926	2,169	2,119
Netherlands	8,111	9,134	10,668	10,911	13,504	13,466	11,497	14,243	(D)	9,860	10,511	15,411	21,210	32,759	39,751	51,239
Norway	878	(D)	1,626	1,818	2,152	2,366	2,003	2,447	539	527	2,031	1,624	1,755	5,348	1,314	819
Spain	2,211	2,869	3,106	3,115	3,302	4,176	4,802	5,597	179	182	215	317	333	346	(D)	855
Sweden	(D)	(D)	2,883	2,881	(D)	(D)	(D)	3,620	(D)	2,413	1,490	1,820	2,892	4,496	7,449	7,243
Switzerland	3,187	4,006	4,497	4,133	4,861	4,981	4,953	5,884	12,589	12,758	15,174	19,040	20,540	23,105	33,114	31,376
United Kingdom	31,810	38,114	50,330	73,112	78,849	94,158	113,379	124,067	35,563	35,409	37,812	55,035	54,944	65,683	71,608	64,631
Other	(D)	6,003	7,126	7,457	(D)	13,280	(D)	(D)	(D)	3,871	3,468	2,392	1,488	2,179	(D)	5,215
<b>Latin America and Other Western Hemisphere</b>	<b>12,588</b>	<b>15,791</b>	<b>17,457</b>	<b>23,781</b>	<b>32,534</b>	<b>41,551</b>	<b>50,462</b>	<b>54,143</b>	<b>4,100</b>	<b>4,209</b>	<b>5,474</b>	<b>6,877</b>	<b>8,000</b>	<b>12,567</b>	<b>13,876</b>	<b>25,486</b>
South and Central America	8,354	10,893	12,143	15,449	23,248	28,861	35,139	38,012	944	969	1,098	1,128	1,160	1,043	1,193	1,191
Argentina	1,463	2,012	2,584	(D)	(D)	4,793	5,801	6,320	3	3	2	4	5	5	6	6
Brazil	2,361	3,008	3,457	4,574	10,387	10,001	12,888	12,043	40	40	59	108	119	109	205	208
Chile	865	1,530	1,146	1,425	1,830	2,235	3,093	2,886	0	0	(*)	(D)	26	173	32	29
Mexico	1,772	1,850	2,003	(D)	3,014	5,326	(D)	7,724	488	517	554	559	543	354	500	496
Venezuela	1,054	(D)	1,689	(D)	2,895	3,220	3,598	4,725	214	223	256	232	187	(D)	283	284
Other	839	(D)	1,263	1,843	(D)	3,286	(D)	4,313	199	186	227	(D)	280	(D)	167	168
Other Western Hemisphere	4,233	4,898	5,313	8,332	9,286	12,690	15,323	16,131	3,156	3,240	4,376	5,748	6,840	11,524	12,683	24,295
Bermuda	(D)	(D)	(D)	(D)	6,594	7,471	7,929	8,217	1,373	1,460	1,752	2,907	3,060	5,976	6,391	15,710
Other	(D)	(D)	(D)	(D)	2,692	5,219	7,394	7,915	1,783	1,780	2,624	2,841	3,781	5,548	6,292	8,586
<b>Africa, Middle East, and Asia and Pacific</b>	<b>41,663</b>	<b>48,088</b>	<b>53,336</b>	<b>56,797</b>	<b>60,169</b>	<b>78,242</b>	<b>96,412</b>	<b>93,214</b>	<b>(D)</b>	<b>28,226</b>	<b>33,495</b>	<b>44,304</b>	<b>42,807</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>
Africa	(D)	1,677	1,776	2,102	(D)	2,536	2,978	3,302	(D)	237	248	232	923	(D)	(D)	(D)
South Africa	109	529	(D)	958	1,131	(D)	(D)	1,142	179	169	202	191	(D)	(D)	(D)	(D)
Other	(D)	1,148	(D)	1,144	(D)	(D)	(D)	2,160	(D)	68	46	41	(D)	(D)	(D)	(D)
Middle East	(D)	1,643	1,879	2,045	(D)	4,391	3,745	2,719	1,915	1,803	1,955	2,037	2,260	2,202	2,305	2,289
Israel	(D)	(D)	(D)	(D)	(D)	671	805	823	164	251	237	239	251	236	269	303
Saudi Arabia	720	(D)	(D)	(D)	(D)	(D)	(D)	1,052	570	591	703	483	483	650	612	649
Other	(D)	633	(D)	755	803	(D)	(D)	844	1,181	961	1,015	1,316	1,526	1,315	1,424	1,338
Asia and Pacific	39,033	44,768	49,681	52,649	55,347	71,315	89,689	87,192	30,069	26,186	31,293	42,036	39,623	40,810	42,184	39,709
Australia	5,550	6,489	8,821	9,713	11,381	14,699	15,326	14,657	(D)	4,321	5,886	8,854	9,046	8,062	9,208	10,739
China	320	453	575	776	828	(D)	2,166	2,622	45	58	63	(D)	64	73	80	144
Hong Kong	4,043	4,424	5,310	5,915	6,774	8,065	9,693	7,750	1,759	2,003	1,829	1,388	1,546	1,424	1,295	1,190
India	47	116	102	222	341	506	948	1,087	24	30	(D)	94	133	175	196	325
Indonesia	249	324	415	(D)	(D)	(D)	714	781	53	40	49	56	96	78	91	128
Japan	19,545	21,693	21,921	21,684	23,095	26,425	35,399	35,446	23,203	18,621	21,398	28,383	26,177	28,729	28,688	24,109
Korea, Republic of	(D)	1,141	1,299	1,229	996	1,701	2,256	2,567	252	238	827	300	322	374	391	395
Malaysia	1,136	(D)	1,391	(D)	1,034	1,597	(D)	1,730	180	162	272	328	292	(D)	(D)	(D)
New Zealand	848	1,175	1,075	1,056	869	(D)	(D)	(D)	15	14	20	47	51	23	25	25
Philippines	397	(D)	518	589	602	(D)	1,039	1,204	12	10	10	8	11	23	19	18
Singapore	2,234	2,492	3,103	3,670	3,166	4,608	5,498	5,527	188	244	343	1,761	1,038	879	1,077	1,441
Taiwan	2,473	3,028	3,362	3,965	4,190	(D)	(D)	8,531	283	310	386	581	636	582	723	792
Thailand	(D)	1,593	1,618	1,490	(D)	1,475	2,340	2,314	2	2	2	(*)	(*)	(*)	(*)	(*)
Other	(D)	(D)	172	254	464	(D)	(D)	(D)	(D)	134	(D)	(D)	213	(D)	(D)	(D)
<b>International<sup>4</sup></b>	<b>2,523</b>	<b>2,531</b>	<b>2,567</b>	<b>2,930</b>	<b>2,495</b>											
<b>United States<sup>5</sup></b>									<b>(D)</b>	<b>630</b>	<b>898</b>	<b>1,950</b>	<b>2,701</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>
<b>Addenda:</b>																
European Union <sup>6</sup>	76,497	99,012	121,510	140,471	156,068	187,730	202,338	220,283	71,319	76,612	83,987	114,106	127,698	159,017	198,912	216,819
Eastern Europe <sup>7</sup>	423	438	577	834	1,601	2,838	3,525	4,009	12	20	22	20	34	55	57	55

\* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

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

2. See table B, footnote 5.

3. See table B, footnote 4.

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. MNCs Through Their Nonbank MOFAs, 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)
<b>All industries .....</b>	<b>413,470</b>	<b>52,833</b>	<b>213,763</b>	<b>19,703</b>	<b>24,623</b>	<b>11,497</b>	<b>4,953</b>	<b>113,379</b>	<b>50,462</b>	<b>96,412</b>	<b>15,326</b>	<b>35,399</b>
<b>Manufacturing.....</b>	<b>8,721</b>	<b>1,997</b>	<b>4,582</b>	<b>972</b>	<b>1,093</b>	<b>91</b>	<b>(D)</b>	<b>776</b>	<b>1,094</b>	<b>1,048</b>	<b>161</b>	<b>328</b>
<i>Of which:</i>												
Food.....	166	46	57	0	0	49	0	2	48	15	14	0
Chemicals.....	572	28	464	165	142	(*)	0	141	22	59	39	13
Primary and fabricated metals.....	94	1	87	8	3	0	0	73	6	0	0	0
Machinery.....	1,140	80	412	19	21	22	0	193	573	74	40	0
Computers and electronic products.....	4,951	(D)	(D)	690	(D)	0	(D)	154	399	695	10	(D)
Electrical equipment, appliances, and components.....	86	(D)	11	4	0	0	0	1	4	(D)	0	0
Transportation equipment.....	1,047	588	(D)	4	(D)	0	0	58	3	(D)	56	0
<b>Wholesale trade.....</b>	<b>25,363</b>	<b>(D)</b>	<b>13,329</b>	<b>1,583</b>	<b>2,892</b>	<b>940</b>	<b>982</b>	<b>2,998</b>	<b>2,782</b>	<b>(D)</b>	<b>516</b>	<b>958</b>
<i>Of which:</i>												
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.....	17,945	590	12,683	1,552	2,812	839	918	2,844	(D)	(D)	369	859
<b>Retail trade.....</b>	<b>1,143</b>	<b>(D)</b>	<b>50</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>(*)</b>	<b>23</b>	<b>(D)</b>	<b>0</b>	<b>0</b>
<b>Information.....</b>	<b>62,021</b>	<b>3,880</b>	<b>(D)</b>	<b>2,572</b>	<b>4,081</b>	<b>(D)</b>	<b>1,015</b>	<b>15,935</b>	<b>11,495</b>	<b>(D)</b>	<b>2,657</b>	<b>(D)</b>
Publishing industries.....	13,598	(D)	(D)	672	1,052	(D)	206	4,154	748	(D)	485	(D)
Newspaper, periodical, book, and database publishers.....	5,511	(D)	(D)	281	468	(D)	42	2,508	408	(D)	255	(D)
Software publishers.....	8,086	315	5,402	391	584	1,134	164	1,646	340	2,029	231	1,141
Motion picture and sound recording industries.....	(D)	1,144	5,683	575	786	1,678	58	1,454	620	(D)	361	1,700
Motion picture and video industries.....	(D)	(D)	4,687	494	(D)	1,632	29	(D)	486	1,232	290	(D)
Sound recording industries.....	2,348	(D)	997	81	(D)	46	29	(D)	134	(D)	71	(D)
Broadcasting and telecommunications.....	24,201	(D)	11,278	499	716	622	80	5,797	9,160	(D)	1,033	458
Broadcasting, cable networks, and program distribution.....	2,733	0	2,213	(D)	5	(D)	0	795	233	287	240	6
Telecommunications.....	21,467	(D)	9,065	(D)	710	(D)	80	5,002	8,927	(D)	792	452
Information services and data processing services.....	(D)	1,517	9,989	826	1,528	544	671	4,530	967	(D)	779	514
Information services.....	(D)	(D)	2,731	117	293	265	(D)	1,392	356	786	(D)	339
Data processing services.....	10,366	(D)	7,258	709	1,236	279	(D)	3,139	611	(D)	175	175
<b>Finance (except depository institutions) and insurance.....</b>	<b>100,657</b>	<b>8,432</b>	<b>40,807</b>	<b>1,480</b>	<b>6,916</b>	<b>504</b>	<b>468</b>	<b>26,257</b>	<b>14,863</b>	<b>36,556</b>	<b>2,375</b>	<b>18,494</b>
Finance (except depository institutions).....	35,084	3,566	21,320	740	845	365	(D)	15,825	3,040	7,158	1,787	2,856
Nondepository credit intermediation and related services.....	11,135	(D)	5,347	(D)	1,180	255	(D)	3,575	1,616	(D)	(D)	1,180
Securities, commodity contracts, and other intermediation and related activities.....	22,950	1,659	15,915	(D)	503	110	285	12,236	1,299	4,078	726	1,676
Funds, trusts, and other financial vehicles.....	998	(D)	58	1	(D)	0	0	13	125	(D)	(D)	(*)
Insurance carriers and related activities.....	65,573	4,866	19,486	739	6,071	139	(D)	10,432	11,823	29,398	589	15,638
Insurance carriers, except life insurance carriers.....	36,492	3,071	14,825	360	5,836	(D)	(D)	7,417	10,143	8,453	388	(D)
Life insurance carriers.....	25,733	1,582	2,056	(D)	0	0	(D)	1,401	1,447	20,648	(D)	(D)
Agencies, brokerages, and other insurance related activities.....	3,348	213	2,606	(D)	235	(D)	(D)	1,614	233	296	(D)	10
<b>Real estate and rental and leasing.....</b>	<b>12,077</b>	<b>1,661</b>	<b>8,260</b>	<b>1,560</b>	<b>589</b>	<b>852</b>	<b>67</b>	<b>3,253</b>	<b>1,051</b>	<b>1,104</b>	<b>351</b>	<b>474</b>
Real estate.....	(D)	114	1,043	307	26	11	(*)	667	71	(D)	(D)	44
Rental and leasing (except real estate).....	(D)	1,548	7,217	1,253	563	841	67	2,586	980	(D)	(D)	430
<b>Professional, scientific, and technical services.....</b>	<b>68,361</b>	<b>4,987</b>	<b>39,023</b>	<b>3,723</b>	<b>4,682</b>	<b>2,024</b>	<b>1,142</b>	<b>(D)</b>	<b>4,937</b>	<b>19,414</b>	<b>(D)</b>	<b>(D)</b>
Architectural, engineering, and related services.....	10,819	2,021	6,399	235	99	213	27	4,371	431	1,968	432	110
Computer systems design and related services.....	(D)	1,305	15,860	1,450	2,300	1,032	237	(D)	2,136	(D)	(D)	8,056
Management, scientific, and technical consulting.....	(D)	641	5,951	492	1,030	183	499	2,082	1,208	(D)	399	450
Other.....	15,325	1,021	10,812	1,545	1,253	596	379	4,008	1,162	2,330	369	(D)
Legal services.....	894	8	648	169	63	0	1	307	2	236	14	55
Accounting, tax preparation, bookkeeping, and payroll services.....	619	311	231	73	0	0	0	104	22	56	(D)	(D)
Specialized design services.....	52	1	12	2	0	0	0	5	8	31	(D)	0
Scientific research and development services.....	2,399	151	1,749	144	223	30	96	760	120	379	84	(D)
Advertising and related services.....	9,056	468	6,718	1,031	906	485	184	2,263	812	1,058	206	264
Other professional, scientific, and technical services.....	2,304	82	1,455	127	62	81	99	570	198	569	28	107
<b>Other industries.....</b>	<b>135,127</b>	<b>(D)</b>	<b>(D)</b>	<b>7,808</b>	<b>4,364</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>14,217</b>	<b>(D)</b>	<b>(D)</b>	<b>2,099</b>
Agriculture, forestry, fishing, and hunting.....	93	27	24	3	0	4	0	6	25	18	10	0
Mining.....	10,258	2,985	2,637	(D)	42	375	86	1,538	2,789	1,847	115	7
Utilities.....	58,761	14,969	33,590	0	(D)	(D)	0	32,013	4,823	5,379	2,146	0
Construction.....	(D)	0	14	0	3	0	0	6	0	(D)	(D)	0
Transportation and warehousing.....	21,285	2,308	8,169	589	1,641	757	341	3,175	2,534	8,274	623	652
<i>Of which:</i>												
Air transportation.....	1,653	109	776	(D)	(D)	(D)	9	411	105	663	36	(D)
Rail transportation.....	1,561	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	0
Water transportation.....	3,932	22	755	0	1	(D)	139	(D)	1,377	1,779	(D)	(D)
Truck transportation.....	1,798	(D)	(D)	0	(D)	0	0	347	(D)	(D)	0	7
Support activities for transportation.....	5,269	348	2,106	(D)	315	378	89	680	295	2,520	168	57
Management of companies and enterprises.....	2,051	44	1,243	(D)	16	5	(D)	270	608	157	5	12
Administration, support, and waste management.....	(D)	1,983	(D)	4,867	506	591	192	4,131	860	2,535	943	822
Administrative and support services.....	(D)	946	(D)	4,867	506	591	192	4,131	841	2,526	941	822
<i>Of which:</i>												
Employment services.....	10,953	425	9,022	(D)	262	383	149	2,780	223	1,282	614	(D)
Travel arrangement and reservation services.....	174	6	119	0	0	0	0	(D)	24	25	1	24
Waste management and remediation services.....	1,065	1,037	0	0	0	0	0	0	19	9	3	0
Health care and social assistance.....	627	31	354	(D)	8	2	104	118	173	69	2	0
Accommodation and food services.....	(D)	2,458	8,252	796	1,707	70	240	3,291	1,980	(D)	1,119	32
Accommodation.....	(D)	427	2,243	(D)	214	65	(D)	936	620	(D)	194	32
Food services and drinking places.....	12,740	2,032	6,009	(D)	1,493	5	(D)	2,355	1,360	3,339	925	0
Miscellaneous services.....	7,442	(D)	(D)	818	(D)	356	115	(D)	425	1,338	445	574
Educational services.....	912	88	517	24	(D)	101	53	98	67	240	36	103
Arts, entertainment, and recreation.....	1,219	(D)	(D)	24	33	7	22	(D)	90	175	49	(D)
Other services (except public administration and private households).....	5,312	868	3,253	770	282	248	40	1,661	268	923	359	(D)

\* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

MNC Multinational company

MOFA Majority-owned foreign affiliate

Table 9.2 Sales of Services to Foreign Persons by U.S. MNCs Through Their Nonbank MOFAs, Industry of Affiliate by Country of Affiliate, 2001

(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)	
<b>All industries</b> .....	<b>432,179</b>	<b>51,198</b>	<b>233,624</b>	<b>20,028</b>	<b>26,326</b>	<b>14,243</b>	<b>5,884</b>	<b>124,067</b>	<b>54,143</b>	<b>93,214</b>	<b>14,657</b>	<b>35,446</b>
<b>Manufacturing</b> .....	<b>9,834</b>	<b>3,179</b>	<b>5,100</b>	<b>752</b>	<b>1,489</b>	<b>71</b>	<b>(D)</b>	<b>726</b>	<b>724</b>	<b>832</b>	<b>144</b>	<b>154</b>
<i>Of which:</i>												
Food.....	(D)	(D)	47	0	0	40	0	2	19	39	22	0
Chemicals.....	494	23	403	135	(D)	(*)	0	127	27	41	29	12
Primary and fabricated metals.....	102	1	95	17	1	0	0	74	6	0	0	0
Machinery.....	779	76	370	17	0	11	0	197	266	67	43	0
Computers and electronic products.....	5,411	(D)	3,031	497	(D)	13	(D)	186	(D)	561	2	131
Electrical equipment, appliances, and components.....	(D)	(D)	4	0	0	0	2	1	(*)	9	0	0
Transportation equipment.....	(D)	(D)	(D)	6	(D)	0	0	33	10	52	46	0
<b>Wholesale trade</b> .....	<b>21,327</b>	<b>753</b>	<b>15,302</b>	<b>2,118</b>	<b>3,246</b>	<b>1,254</b>	<b>1,451</b>	<b>2,794</b>	<b>1,967</b>	<b>3,305</b>	<b>368</b>	<b>1,082</b>
<i>Of which:</i>												
Motor vehicles and motor vehicle parts and supplies.....	179	(D)	(D)	5	0	0	0	(D)	0	61	0	61
Professional and commercial equipment and supplies.....	19,196	517	14,267	2,085	3,154	1,115	1,007	2,698	1,383	3,030	331	962
<b>Retail trade</b> .....	<b>554</b>	<b>57</b>	<b>35</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>(*)</b>	<b>(D)</b>	<b>(D)</b>	<b>0</b>	<b>0</b>
<b>Information</b> .....	<b>64,970</b>	<b>3,612</b>	<b>39,466</b>	<b>2,551</b>	<b>3,886</b>	<b>4,463</b>	<b>1,407</b>	<b>18,041</b>	<b>11,451</b>	<b>10,441</b>	<b>2,659</b>	<b>(D)</b>
Publishing industries.....	15,259	766	(D)	661	1,058	1,493	180	4,290	598	(D)	435	(D)
Newspaper, periodical, book, and database publishers.....	5,504	431	(D)	271	461	155	43	2,639	279	(D)	215	(D)
Software publishers.....	9,755	336	6,033	390	527	1,338	137	1,651	319	3,068	220	1,954
Motion picture and sound recording industries.....	9,842	1,031	6,086	696	759	1,793	58	(D)	529	2,196	399	1,584
Motion picture and video industries.....	7,623	899	5,138	614	(D)	1,749	29	1,375	385	1,201	330	(D)
Sound recording industries.....	2,219	132	949	83	(D)	43	29	(D)	144	995	69	(D)
Broadcasting and telecommunications.....	23,189	284	11,369	347	515	600	(D)	6,309	9,310	2,226	876	461
Broadcasting, cable networks, and program distribution.....	2,921	0	2,333	(D)	6	(D)	0	839	356	233	189	4
Telecommunications.....	20,268	284	9,037	(D)	509	(D)	(D)	5,470	8,955	1,993	687	457
Information services and data processing services.....	16,680	1,530	(D)	847	1,554	578	(D)	(D)	1,013	(D)	949	585
Information services.....	5,171	353	(D)	284	(D)	259	284	(D)	357	(D)	(D)	386
Data processing services.....	11,509	1,177	8,305	562	(D)	320	(D)	4,124	657	1,370	(D)	198
<b>Finance (except depository institutions) and insurance</b> .....	<b>(D)</b>	<b>8,992</b>	<b>45,173</b>	<b>1,558</b>	<b>8,254</b>	<b>1,204</b>	<b>460</b>	<b>28,762</b>	<b>16,127</b>	<b>(D)</b>	<b>2,339</b>	<b>17,702</b>
Finance (except depository institutions).....	(D)	4,062	24,711	758	2,830	1,029	(D)	17,289	4,467	(D)	1,727	2,500
Nondepository credit intermediation and related services.....	14,675	(D)	7,508	571	1,767	555	(D)	3,507	(D)	2,703	(D)	(D)
Securities, commodity contracts, and other intermediation and related activities.....	(D)	1,674	17,112	186	1,053	473	257	13,768	1,432	(D)	590	1,092
Funds, trusts, and other financial vehicles.....	1,524	(D)	91	1	10	0	0	14	(D)	474	(D)	(D)
Insurance carriers and related activities.....	65,392	4,930	20,462	800	5,424	175	(D)	11,473	11,659	28,341	612	15,202
Insurance carriers, except life insurance carriers.....	35,679	2,997	15,292	388	5,161	(D)	(D)	8,298	9,445	7,946	(D)	(D)
Life insurance carriers.....	25,710	1,703	2,159	(D)	0	0	(D)	1,308	1,794	20,055	76	(D)
Agencies, brokerages, and other insurance related activities.....	4,002	231	3,011	(D)	264	(D)	(D)	1,866	421	339	(D)	11
<b>Real estate and rental and leasing</b> .....	<b>12,099</b>	<b>1,263</b>	<b>8,390</b>	<b>1,722</b>	<b>663</b>	<b>900</b>	<b>83</b>	<b>2,730</b>	<b>1,194</b>	<b>1,252</b>	<b>443</b>	<b>501</b>
Real estate.....	(D)	134	1,211	526	33	12	(D)	471	135	(D)	58	12
Rental and leasing (except real estate).....	(D)	1,130	7,178	1,196	629	889	(D)	2,260	1,059	(D)	(D)	443
<b>Professional, scientific, and technical services</b> .....	<b>66,933</b>	<b>4,504</b>	<b>39,684</b>	<b>3,522</b>	<b>4,329</b>	<b>2,239</b>	<b>1,134</b>	<b>(D)</b>	<b>4,564</b>	<b>18,181</b>	<b>(D)</b>	<b>(D)</b>
Architectural, engineering, and related services.....	10,468	1,850	6,421	157	142	236	16	(D)	540	1,657	367	52
Computer systems design and related services.....	(D)	1,173	16,549	1,213	1,955	1,220	224	(D)	1,498	(D)	(D)	(D)
Management, scientific, and technical consulting.....	9,919	629	5,959	477	1,070	185	463	2,106	1,567	1,764	367	511
Other.....	(D)	852	10,756	1,675	1,162	598	430	3,791	959	(D)	291	676
Legal services.....	918	8	670	177	65	0	1	311	3	237	14	55
Accounting, tax preparation, bookkeeping, and payroll services.....	645	315	247	76	0	0	0	113	24	58	16	(D)
Specialized design services.....	71	2	12	2	0	0	0	5	7	50	(D)	0
Scientific research and development services.....	1,816	21	1,371	100	147	30	140	568	40	384	24	(D)
Advertising and related services.....	(D)	423	6,855	1,154	885	464	162	2,195	729	(D)	169	277
Other professional, scientific, and technical services.....	(D)	83	1,600	166	65	104	128	598	156	(D)	(D)	101
<b>Other industries</b> .....	<b>(D)</b>	<b>28,838</b>	<b>80,475</b>	<b>7,800</b>	<b>4,454</b>	<b>4,111</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>23,425</b>	<b>(D)</b>	<b>(D)</b>
Agriculture, forestry, fishing, and hunting.....	(D)	29	20	3	0	5	0	5	(D)	(D)	(D)	0
Mining.....	9,744	851	3,181	(D)	59	454	90	1,792	3,581	2,131	147	(D)
Utilities.....	74,645	20,415	40,664	0	77	(D)	0	37,896	7,476	6,091	2,208	0
Construction <sup>1</sup> .....	236	0	15	0	3	0	0	8	0	221	221	0
Transportation and warehousing.....	20,893	2,248	8,435	676	1,572	827	366	3,256	2,885	7,125	601	823
<i>Of which:</i>												
Air transportation.....	2,125	168	953	(D)	85	74	54	498	111	894	39	150
Rail transportation.....	1,557	267	(D)	0	0	0	0	(D)	(D)	(D)	124	0
Water transportation.....	4,400	24	932	0	2	(D)	125	442	1,804	1,639	50	(D)
Truck transportation.....	0	1,798	(D)	0	(D)	0	0	386	54	(D)	0	7
Support activities for transportation.....	3,906	230	1,842	373	233	374	87	508	234	1,601	111	59
Management of companies and enterprises.....	2,033	46	1,414	(D)	71	5	(*)	366	429	144	5	4
Administration, support, and waste management.....	16,680	1,515	11,855	4,689	585	589	184	3,487	923	2,386	808	829
Administrative and support services.....	(D)	(D)	11,855	4,689	585	589	184	3,487	918	2,377	805	829
<i>Of which:</i>												
Employment services.....	10,054	330	(D)	(D)	289	366	140	2,034	236	(D)	536	(D)
Travel arrangement and reservation services.....	179	7	(D)	0	0	0	0	(D)	27	(D)	1	24
Waste management and remediation services.....	(D)	(D)	0	0	0	0	0	0	5	10	3	0
Health care and social assistance.....	(D)	33	870	(D)	8	2	(D)	635	150	(D)	2	0
Accommodation and food services.....	(D)	2,452	8,914	834	1,628	70	258	3,455	1,956	(D)	1,000	30
Accommodation.....	(D)	498	2,732	(D)	210	65	(D)	903	662	(D)	141	30
Food services and drinking places.....	12,937	1,954	6,182	(D)	1,418	5	(D)	2,552	1,294	3,507	858	0
Miscellaneous services.....	(D)	1,250	5,107	774	451	(D)	117	(D)	(D)	1,269	375	561
Educational services.....	1,229	91	672	25	58	(D)	56	(D)	197	268	38	102
Arts, entertainment, and recreation.....	(D)	216	960	25	34	7	22	659	(D)	180	37	100
Other services (except public administration and private households).....	5,579	942	3,476	724	359	205	38	1,754	341	821	300	359

\* 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 MOFAs in construction represent sales in secondary, non-construction, industries. In 2001, sales of goods to foreign residents by MOFAs classified in construction were \$10,440 million.

Table 10.1. Sales of Services to U.S. Persons by Foreign MNCs Through Their Nonbank MOUSAs, 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)	
<b>All industries</b>	<b>344,389</b>	<b>50,209</b>	<b>233,499</b>	<b>30,113</b>	<b>41,956</b>	<b>39,751</b>	<b>33,114</b>	<b>71,608</b>	<b>13,876</b>	(D)	<b>9,208</b>	<b>28,688</b>	(D)
<b>Manufacturing</b>	<b>39,839</b>	<b>1,375</b>	<b>30,102</b>	<b>2,565</b>	(D)	(D)	<b>606</b>	<b>4,259</b>	(D)	(D)	<b>61</b>	(D)	(D)
<i>Of which:</i>													
Food	(D)	2	(D)	0	0	0	0	(D)	2	66	0	53	0
Chemicals	1,276	1	(D)	(D)	26	14	276	48	0	(D)	0	17	0
Primary and fabricated metals	748	(D)	404	0	(D)	0	0	20	35	(D)	0	19	0
Machinery	6,581	13	6,413	(D)	(D)	37	92	1,106	0	155	0	109	0
Computers and electronic products	8,142	(D)	2,241	524	93	217	2	(D)	63	(D)	0	(D)	0
Electrical equipment, appliances, and components	(D)	0	234	0	0	0	223	11	(D)	0	0	0	0
Transportation equipment	(D)	77	(D)	47	(D)	218	0	162	0	46	0	46	0
<b>Wholesale trade</b>	<b>9,275</b>	<b>231</b>	<b>3,186</b>	<b>108</b>	<b>763</b>	<b>522</b>	<b>227</b>	(D)	(D)	(D)	<b>26</b>	<b>5,387</b>	<b>0</b>
<i>Of which:</i>													
Motor vehicles and motor vehicle parts and supplies	(D)	0	37	0	37	0	0	0	0	(D)	0	(D)	0
Professional and commercial equipment and supplies	2,050	0	526	0	13	(D)	0	6	0	1,524	0	1,502	0
<b>Retail trade</b>	<b>312</b>	<b>22</b>	<b>194</b>	<b>6</b>	<b>0</b>	<b>83</b>	<b>0</b>	<b>11</b>	(D)	(D)	<b>0</b>	(D)	<b>0</b>
<b>Information</b>	<b>47,886</b>	<b>10,089</b>	<b>24,923</b>	<b>822</b>	(D)	<b>1,865</b>	<b>19</b>	<b>15,765</b>	(D)	(D)	(D)	<b>1,740</b>	<b>1,115</b>
Publishing industries	17,395	(D)	13,082	710	(D)	356	(D)	6,064	20	(D)	40	180	9
Newspaper, periodical, book, and database publishers	15,242	(D)	11,290	(D)	(D)	(D)	(D)	5,267	(*)	(D)	(D)	47	0
Software publishers	2,153	91	1,792	(D)	(D)	(D)	(*)	797	19	241	(D)	133	9
Motion picture and sound recording industries	5,828	(D)	604	29	(D)	(D)	0	(D)	11	(D)	0	(D)	(*)
Motion picture and video industries	(D)	(D)	29	(D)	(D)	(D)	0	(D)	11	(D)	0	(D)	(*)
Sound recording industries	(D)	(D)	0	1	(D)	0	0	(D)	0	7	0	7	0
Broadcasting and telecommunications	19,585	(D)	6,945	73	(D)	57	2	(D)	(D)	(D)	(D)	116	1,105
Broadcasting, cable networks, and program distribution	(D)	117	(*)	0	0	(*)	0	0	(D)	(D)	(D)	(D)	0
Telecommunications	(D)	(D)	6,945	73	(D)	57	2	(D)	(D)	296	2	(D)	1,105
Information services and data processing services	5,079	10	4,292	10	1	(D)	(D)	2,962	1	776	4	(D)	0
Information services	4,799	(*)	(D)	0	1	(D)	(D)	(D)	1	(D)	4	677	0
Data processing services	280	9	(D)	10	0	0	0	(D)	0	(D)	0	(D)	0
<b>Finance (except depository institutions) and insurance</b>	<b>108,495</b>	<b>15,181</b>	<b>87,349</b>	<b>8,891</b>	<b>14,401</b>	<b>19,817</b>	<b>23,105</b>	<b>19,474</b>	<b>2,300</b>	(D)	<b>1,106</b>	<b>2,208</b>	(D)
Finance (except depository institutions)	31,104	4,367	23,830	2,339	4,128	1,906	11,280	3,939	71	(D)	(D)	1,536	(D)
Nondepository credit intermediation and related services	1,682	334	344	23	(D)	102	10	(D)	8	997	(D)	(D)	0
Securities, commodity contracts, and other intermediation and related activities	29,374	4,033	23,475	2,317	(D)	1,796	11,271	(D)	(D)	(D)	16	1,367	(D)
Funds, trusts, and other financial vehicles	48	0	12	0	(*)	8	(*)	3	(D)	(D)	0	(D)	0
Insurance carriers and related activities	77,391	10,813	63,519	6,551	10,273	17,911	11,825	15,535	2,229	(D)	(D)	672	(D)
Insurance carriers, except life insurance carriers	37,273	(D)	31,809	1,463	(D)	(D)	7,403	(D)	2,227	(D)	(D)	(D)	(D)
Life insurance carriers	35,878	(D)	27,676	(D)	(D)	(D)	(D)	(D)	0	(D)	(*)	(D)	0
Agencies, brokerages, and other insurance related activities	4,240	(D)	4,034	(D)	0	0	(D)	(D)	3	(D)	(D)	5	0
<b>Real estate and rental and leasing</b>	<b>17,620</b>	<b>2,178</b>	<b>7,779</b>	<b>373</b>	<b>2,223</b>	<b>1,036</b>	<b>192</b>	<b>2,029</b>	<b>922</b>	<b>6,615</b>	<b>957</b>	<b>3,619</b>	<b>126</b>
Real estate	13,757	2,011	4,822	(D)	(D)	955	191	929	966	5,893	624	3,250	124
Rental and leasing (except real estate)	3,864	167	2,957	(D)	(D)	82	1	1,100	16	722	333	369	2
<b>Professional, scientific, and technical services</b>	<b>25,319</b>	<b>1,538</b>	<b>21,325</b>	<b>12,914</b>	<b>330</b>	<b>1,217</b>	<b>481</b>	<b>4,954</b>	<b>364</b>	<b>1,898</b>	<b>29</b>	<b>1,195</b>	<b>194</b>
Architectural, engineering, and related services	3,956	254	3,341	668	217	(D)	(D)	657	4	358	0	75	0
Computer systems design and related services	5,021	483	(D)	(D)	25	(D)	1	477	29	(D)	28	870	(D)
Management, scientific, and technical consulting	1,188	7	(D)	165	36	0	102	560	(D)	11	0	9	4
Other	15,155	795	13,830	(D)	52	(D)	(D)	3,261	(D)	(D)	(*)	241	(D)
Legal services	23	10	14	0	0	0	0	14	0	0	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services	40	2	37	4	0	0	27	0	0	0	0	0	0
Specialized design services	30	0	19	0	0	0	18	1	0	10	0	10	0
Scientific research and development services	682	154	339	20	52	(D)	(D)	159	12	176	(*)	157	1
Advertising and related services	13,293	269	12,763	10,052	0	(*)	6	2,705	0	(D)	(*)	32	(D)
Other professional, scientific, and technical services	1,088	361	657	(D)	(*)	0	17	382	(D)	(D)	(*)	42	0
<b>Other industries</b>	<b>95,642</b>	<b>19,593</b>	<b>58,641</b>	<b>4,434</b>	<b>6,372</b>	(D)	<b>8,484</b>	(D)	<b>4,541</b>	<b>12,584</b>	(D)	(D)	<b>283</b>
Agriculture, forestry, fishing, and hunting	72	0	49	(*)	7	29	5	6	12	12	8	(*)	0
Mining	3,461	175	(D)	65	121	173	5	24	(D)	22	17	(*)	0
Utilities	22,246	7,958	12,096	2,003	4	10	(D)	10,010	(D)	(D)	0	(D)	0
Construction	3,035	(D)	(D)	2	(D)	0	0	209	42	516	0	489	0
Transportation and warehousing	21,313	5,227	12,283	(D)	1,800	587	403	5,884	522	(D)	8	2,273	(D)
<i>Of which:</i>													
Air transportation	168	13	61	15	(*)	(*)	(*)	6	2	91	0	57	0
Rail transportation	2,078	(D)	73	0	1	0	0	69	54	(D)	0	(*)	0
Water transportation	2,230	86	(D)	2	2	(*)	(D)	(D)	342	(D)	0	76	2
Truck transportation	986	(D)	(D)	0	0	0	0	(D)	0	0	0	0	0
Support activities for transportation	7,789	87	5,672	(D)	1,572	(D)	213	851	111	1,919	1	1,542	0
Management of companies and enterprises	(D)	0	(D)	0	0	(D)	0	(D)	0	0	0	0	0
Administration, support, and waste management	18,024	164	17,077	558	288	3,569	(D)	2,506	(D)	490	0	485	(D)
Administrative and support services	18,012	159	17,077	558	288	3,569	(D)	2,506	(D)	484	0	478	(D)
<i>Of which:</i>													
Employment services	10,693	0	10,681	4	27	2,844	(D)	(D)	0	12	0	12	0
Travel arrangement and reservation services	2,051	17	1,371	459	4	(D)	1	521	14	412	0	410	238
Waste management and remediation services	11	5	0	0	0	0	0	0	6	0	0	6	0
Health care and social assistance	5,853	1,191	4,200	3	(D)	2	0	(D)	(D)	(D)	(D)	(*)	0
Accommodation and food services	15,636	(D)	8,377	(D)	143	(D)	(D)	3,851	662	(D)	1	3,030	4
Accommodation	(D)	84	4,054	(D)	100	36	107	(D)	608	(D)	1	2,420	(*)
Food services and drinking places	(D)	(D)	4,324	29	43	(D)	(D)	(D)	55	(D)	(*)	610	4
Miscellaneous services	(D)	(D)	1,822	68	51	78	19	(D)	105	(D)	235	705	(*)
Educational services	298	2	88	13	20	0	0	5	12	195	0	188	0
Arts, entertainment, and recreation	2,688	1,321	449	35	22	78	2	226	83	835	224	471	(*)
Other services (except public administration and private households)	(D)	(D)	1,285	19	8	0	17	(D)	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

**Table 10.2. Sales of Services to U.S. Persons by Foreign MNCs Through Their Nonbank MOUSAs, Industry of Affiliate by Country of UBO, 2001**  
 (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)	
<b>All industries</b> .....	<b>366,896</b>	<b>47,921</b>	<b>249,404</b>	<b>42,996</b>	<b>41,882</b>	<b>51,239</b>	<b>31,376</b>	<b>64,631</b>	<b>25,486</b>	<b>(D)</b>	<b>10,739</b>	<b>24,109</b>	<b>(D)</b>
<b>Manufacturing</b> .....	<b>30,636</b>	<b>991</b>	<b>25,293</b>	<b>2,343</b>	<b>8,331</b>	<b>(D)</b>	<b>692</b>	<b>3,685</b>	<b>(D)</b>	<b>(D)</b>	<b>61</b>	<b>426</b>	<b>2</b>
<i>Of which:</i>													
Food .....	1,076	2	1,014	0	0	0	0	1,010	0	59	0	46	0
Chemicals .....	1,347	1	1,004	(D)	43	18	283	22	0	343	0	74	0
Primary and fabricated metals .....	674	237	356	0	(D)	0	0	25	38	43	0	16	0
Machinery .....	5,677	12	5,502	(D)	(D)	35	113	(D)	0	163	0	120	0
Computers and electronic products .....	2,676	(D)	1,969	(D)	78	177	18	1,251	(D)	119	0	100	0
Electrical equipment, appliances, and components .....	(D)	0	(D)	0	0	0	0	15	(D)	0	0	0	0
Transportation equipment .....	(D)	80	(D)	28	(D)	(D)	0	179	0	65	0	65	0
<b>Wholesale trade</b> .....	<b>9,879</b>	<b>551</b>	<b>3,261</b>	<b>320</b>	<b>(D)</b>	<b>(D)</b>	<b>621</b>	<b>916</b>	<b>204</b>	<b>5,863</b>	<b>25</b>	<b>5,631</b>	<b>0</b>
<i>Of which:</i>													
Motor vehicles and motor vehicle parts and supplies .....	389	0	30	0	(D)	0	0	0	0	359	0	301	0
Professional and commercial equipment and supplies .....	2,139	0	606	13	13	(D)	(D)	6	0	1,533	0	1,499	0
<b>Retail trade</b> .....	<b>190</b>	<b>24</b>	<b>(D)</b>	<b>7</b>	<b>0</b>	<b>80</b>	<b>0</b>	<b>7</b>	<b>(D)</b>	<b>(D)</b>	<b>0</b>	<b>39</b>	<b>0</b>
<b>Information</b> .....	<b>47,859</b>	<b>5,445</b>	<b>28,923</b>	<b>5,890</b>	<b>9,505</b>	<b>2,114</b>	<b>15</b>	<b>9,898</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>1,792</b>	<b>689</b>
Publishing industries .....	14,181	615	13,121	(D)	5,829	381	(D)	5,982	19	416	40	203	9
Newspaper, periodical, book, and database publishers .....	11,708	513	11,047	(D)	(D)	346	(D)	4,983	(*)	148	(D)	47	0
Software publishers .....	2,473	103	2,074	(D)	(D)	35	(*)	999	19	268	(D)	156	9
Motion picture and sound recording industries .....	6,571	201	5,557	(D)	(D)	(D)	0	343	11	802	0	688	(*)
Motion picture and video industries .....	(D)	201	(D)	(D)	(D)	(D)	0	326	11	795	0	681	(*)
Sound recording industries .....	(D)	0	(D)	1	(D)	0	0	17	0	7	0	7	0
Broadcasting and telecommunications .....	19,636	(D)	6,523	145	(D)	56	2	(D)	(D)	(D)	(D)	130	680
Broadcasting, cable networks, and program distribution .....	(D)	132	(*)	0	0	(*)	0	0	34	(D)	(D)	(D)	0
Telecommunications .....	(D)	(D)	6,523	145	(D)	56	2	(D)	(D)	(D)	2	(D)	680
Information services and data processing services .....	7,472	(D)	3,722	16	1	(D)	0	(D)	(D)	(D)	4	771	0
Information services .....	7,273	(D)	3,645	6	1	(D)	0	(D)	(D)	(D)	4	(D)	0
Data processing services .....	199	(D)	78	10	(*)	0	0	43	0	(D)	0	(D)	0
<b>Finance (except depository institutions) and insurance</b> .....	<b>112,307</b>	<b>13,968</b>	<b>90,321</b>	<b>9,880</b>	<b>14,154</b>	<b>32,032</b>	<b>20,432</b>	<b>11,949</b>	<b>2,890</b>	<b>(D)</b>	<b>(D)</b>	<b>2,461</b>	<b>(D)</b>
Finance (except depository institutions) .....	27,212	3,496	19,474	2,346	2,530	1,224	9,476	3,427	66	(D)	(D)	1,767	(D)
Nondepository credit intermediation and related services .....	2,608	(D)	(D)	21	(D)	70	9	9	8	(D)	(D)	237	0
Securities, commodity contracts, and other intermediation and related activities .....	24,577	3,313	19,279	2,325	(D)	1,146	9,466	3,415	49	(D)	17	1,524	(D)
Funds, trusts, and other financial vehicles .....	27	(D)	(D)	0	(*)	8	(*)	2	10	(D)	0	6	0
Insurance carriers and related activities .....	85,095	10,473	70,847	7,534	11,624	30,808	10,956	8,522	2,824	(D)	329	694	(D)
Insurance carriers, except life insurance carriers .....	58,337	(D)	52,073	(D)	(D)	(D)	6,902	6,809	2,806	(D)	(D)	489	(D)
Life insurance carriers .....	22,687	7,504	14,981	(D)	(D)	(D)	1,195	(D)	0	202	(*)	200	0
Agencies, brokerages, and other insurance related activities .....	4,071	(D)	3,793	196	0	0	2,859	(D)	18	(D)	(D)	5	0
<b>Real estate and rental and leasing</b> .....	<b>18,500</b>	<b>2,280</b>	<b>8,478</b>	<b>337</b>	<b>2,414</b>	<b>1,137</b>	<b>193</b>	<b>2,197</b>	<b>888</b>	<b>6,720</b>	<b>1,004</b>	<b>3,712</b>	<b>133</b>
Real estate .....	14,243	2,109	5,131	154	(D)	(D)	192	1,029	872	6,001	651	3,365	131
Rental and leasing (except real estate) .....	4,256	171	3,347	183	(D)	(D)	1	1,169	17	720	353	346	2
<b>Professional, scientific, and technical services</b> .....	<b>37,371</b>	<b>1,736</b>	<b>25,910</b>	<b>14,201</b>	<b>427</b>	<b>1,668</b>	<b>459</b>	<b>7,807</b>	<b>(D)</b>	<b>(D)</b>	<b>33</b>	<b>1,252</b>	<b>176</b>
Architectural, engineering, and related services .....	4,923	211	3,284	690	246	(D)	690	(D)	(D)	0	0	163	0
Computer systems design and related services .....	5,710	687	(D)	(D)	87	592	1	865	(D)	1,137	31	782	(D)
Management, scientific, and technical consulting .....	7,492	13	(D)	163	42	0	61	636	(D)	88	0	9	3
Other .....	19,246	825	17,890	(D)	52	(D)	(D)	5,626	29	(D)	2	299	(D)
Legal services .....	26	12	14	0	0	0	0	14	0	0	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services .....	41	2	37	4	0	0	27	0	0	2	0	2	0
Specialized design services .....	41	0	19	0	0	0	18	1	0	22	2	20	0
Scientific research and development services .....	715	102	378	20	52	2	107	185	12	222	(*)	204	1
Advertising and related services .....	14,756	266	14,288	11,056	0	(*)	6	(D)	0	(D)	(*)	31	(D)
Other professional, scientific, and technical services .....	3,666	442	3,154	(D)	(*)	(D)	(D)	17	53	(*)	(*)	42	0
<b>Other industries</b> .....	<b>110,154</b>	<b>22,926</b>	<b>(D)</b>	<b>10,020</b>	<b>(D)</b>	<b>(D)</b>	<b>8,965</b>	<b>28,172</b>	<b>6,860</b>	<b>(D)</b>	<b>465</b>	<b>8,796</b>	<b>459</b>
Agriculture, forestry, fishing, and hunting .....	140	0	116	70	11	28	4	1	12	12	8	(*)	0
Mining .....	5,922	243	631	63	109	181	(*)	42	5,026	22	17	(*)	0
Utilities .....	28,590	11,065	(D)	2,477	4	11	13	12,727	61	(D)	0	(D)	0
Construction <sup>1</sup> .....	3,205	744	1,866	3	(D)	0	0	(D)	41	554	0	527	0
Transportation and warehousing .....	23,888	6,833	13,066	394	1,799	446	1,061	5,947	507	(D)	7	2,082	(D)
<i>Of which:</i>													
Air transportation .....	207	12	59	15	(*)	(*)	(*)	6	2	133	0	56	0
Rail transportation .....	(D)	(D)	(D)	0	1	0	0	67	53	6	0	(*)	0
Water transportation .....	2,311	83	1,219	2	2	(*)	184	982	332	675	0	73	2
Truck transportation .....	1,124	(D)	(D)	0	0	0	0	(D)	0	0	0	0	0
Support activities for transportation .....	8,534	85	6,178	(D)	1,574	326	(D)	507	108	2,164	1	1,535	0
Management of companies and enterprises .....	758	0	758	0	0	(D)	0	132	0	0	0	0	0
Administration, support, and waste management .....	16,962	166	16,050	625	347	2,228	7,114	2,692	57	452	0	446	237
Administrative and support services .....	16,951	161	16,050	625	347	2,228	7,114	2,692	57	446	0	440	237
<i>Of which:</i>													
Employment services .....	9,304	(*)	9,292	4	27	1,539	7,104	618	0	12	0	12	0
Travel arrangement and reservation services .....	1,909	16	1,268	454	3	(D)	1	503	14	374	0	373	236
Waste management and remediation services .....	11	5	0	0	0	0	0	0	6	0	0	6	0
Health care and social assistance .....	5,697	1,197	(D)	3	(D)	2	0	193	393	(D)	(D)	(*)	0
Accommodation and food services .....	19,699	402	13,756	6,319	147	485	755	4,650	622	(D)	1	2,863	(D)
Accommodation .....	8,753	366	3,822	(D)	105	35	22	(D)	573	(D)	1	2,197	(D)
Food services and drinking places .....	10,946	36	9,934	(D)	43	450	732	(D)	49	(D)	(*)	665	(D)
Miscellaneous services .....	5,292	2,278	1,689	66	73	69	19	(D)	142	1,178	(D)	(D)	5
Educational services .....	309	2	87	13	20	0	0	5	12	207	0	199	0
Arts, entertainment, and recreation .....	2,869	1,355	492	34	45	69	2	257	120	897	(D)	450	5
Other services (except public administration and private households) .....	2,115	921	1,110	19	8	0	17	(D)	10	74	11	(D)	0

<sup>1</sup> 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 MOUSAs in construction represent sales in secondary, non-construction industries. In 2001, sales of goods to U.S. residents by MOUSAs classified in construction were estimated to be \$27,062 million. These sales of goods were estimated by subtracting exports of goods from the total sales of goods.