

BUSINESS SITUATION

REAL gross domestic product (GDP) decreased 0.4 percent in the third quarter of 2001 (table 1 and chart 1).¹ The decrease follows four quarters of subpar growth. It is the first decrease since a 0.1-percent dip in the first quarter of 1993 and the largest since a 2.0-percent decrease 2 years earlier.

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The "advance" estimates of the national income and product accounts (NIPAs)—which reflect the economic effects of the terrorist attacks of September 11, 2001 (see the box on pages 2 and 3)—also show the following:

- The small drop in GDP reflected declines in exports, nonresidential fixed investment, and

inventory investment that were partly offset by increases in consumer spending and government spending (table 2).² Imports, which are subtracted in the calculation of GDP, decreased sharply.

- The swing from positive to negative growth in GDP mainly reflected decelerations in consumer spending and in State and local government spending, a larger decrease in exports than in the second quarter, and a deceleration in residential investment. These negatives were partly offset by a smaller decrease in equipment and software than in the second quarter and an acceleration in Fed-

1. Quarterly estimates in the NIPAs are expressed at seasonally adjusted annual rates. Quarter-to-quarter dollar changes are the differences between the published estimates. Quarter-to-quarter percent changes are annualized and are calculated from unrounded data unless otherwise specified.

Real estimates are calculated using a chain-type Fisher formula with annual weights for all years and quarterly weights for all quarters; real estimates are expressed both as index numbers (1996=100) and as chained (1996) dollars. Price indexes (1996=100) are also calculated using a chain-type Fisher formula.

2. In the NIPAs, consumer spending is shown as personal consumption expenditures, government spending is shown as government consumption expenditures and gross investment, and inventory investment is shown as change in private inventories.

Table 1.—Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers
[Seasonally adjusted at annual rates]

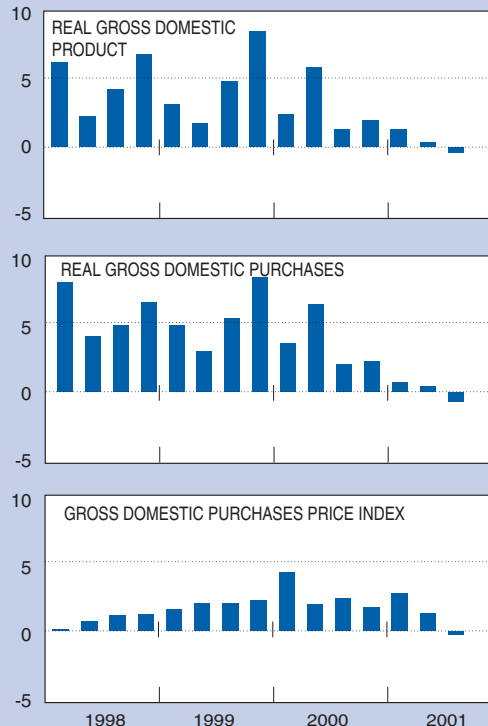
	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
Gross domestic product	9,333.4	43.8	30.6	7.2	-8.3	1.9	1.3	0.3	-0.4
Less: Exports of goods and services.....	1,059.0	-11.8	-3.4	-35.8	-49.3	-4.0	-1.2	-11.9	-16.6
Plus: Imports of goods and services.....	1,454.0	-2.1	-19.9	-33.6	-61.0	-0.5	-5.0	-8.4	-15.2
Equals: Gross domestic purchases	9,704.5	52.9	16.0	10.0	-15.9	2.2	0.7	0.4	-0.7
Less: Change in private inventories.....	-50.4	-8.9	-69.9	-11.2	-12.1	.....	.....	.....	.....
Equals: Final sales to domestic purchasers	9,736.6	64.6	76.7	19.9	-7.1	2.7	3.2	0.8	-0.3
Personal consumption expenditures....	6,447.8	49.0	47.4	39.9	19.4	3.1	3.0	2.5	1.2
Durable goods.....	942.0	-4.7	23.0	15.7	3.9	-2.1	10.6	7.0	1.7
Nondurable goods.....	1,882.1	2.7	11.2	1.4	2.7	0.6	2.4	0.3	0.6
Services.....	3,642.6	48.6	16.3	24.7	12.8	5.6	1.8	2.8	1.4
Private fixed investment.....	1,659.5	2.0	8.2	-43.9	-36.9	0.5	1.9	-9.7	-8.4
Nonresidential.....	1,279.8	3.4	-0.6	-53.0	-41.1	1.0	-0.2	-14.6	-11.9
Structures.....	273.3	5.1	8.4	-9.4	-9.0	7.6	12.3	-12.2	-12.1
Equipment and software.....	1,011.0	-3.0	-11.6	-44.5	-32.2	-1.1	-4.1	-15.4	-11.8
Residential.....	380.0	-1.0	7.6	5.4	1.7	-1.1	8.5	5.9	1.9
Government consumption expenditures and gross investment..	1,630.1	12.8	20.6	19.6	7.1	3.3	5.3	5.0	1.8
Federal.....	561.0	6.1	4.3	2.5	6.3	4.6	3.2	1.8	4.6
National defense.....	366.8	8.7	6.5	2.1	4.4	10.5	7.5	2.3	5.0
Nondefense.....	194.1	-2.5	-2.2	0.5	1.8	-5.1	-4.3	0.9	3.9
State and local.....	1,068.4	6.7	16.2	16.9	1.0	2.7	6.4	6.6	0.4
Addendum: Final sales of domestic product	9,365.2	55.4	91.1	17.0	0.4	2.4	4.0	0.7	0.0

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates usually are not additive. Chained (1996) dollar levels and residuals, which measure the extent of nonadditivity in each table, are shown in NIPA tables 1.2, 1.4, and 1.6. Percent changes are calculated from unrounded data. Percent changes in major aggregates are shown in NIPA table S.1. (See "Selected NIPA Tables," which begins on page D-2 in this issue.)

CHART 1

Selected Measures: Change From Preceding Quarter

Percent



Note—Percent change at annual rate from preceding quarter; based on seasonally adjusted estimates.

U.S. Bureau of Economic Analysis

eral Government spending. In addition, imports decreased much more than in the second quarter.

- The production of goods decreased for the fourth consecutive quarter. The production of structures decreased after three increases. The production of services increased a little less than in the second quarter (table 3).

- Real gross domestic purchases—a measure of domestic demand for goods and services regardless of where they are produced—decreased 0.7

percent, its first decrease since a 3.0-percent drop in the first quarter of 1991.³

- Inventories decreased for the third consecutive quarter, and they decreased at a somewhat faster rate than in the second quarter.

3. Gross domestic purchases is calculated as the sum of personal consumption expenditures, gross private domestic investment, and government consumption expenditures and gross investment; thus, gross domestic purchases includes imports of goods and services, which are subtracted in the calculation of GDP, and does not include exports of goods and services, which are added in the calculation of GDP.

The Terrorist Attacks of September 11th as Reflected

The economic effects of the September 11th terrorist attacks on the World Trade Center and the Pentagon are captured in the national income and product account (NIPA) estimates for the third quarter. Most of these effects are reflected in the regularly incorporated source data; for certain components, BEA prepares adjustments for the effects that are not captured in the source data. Because most of the effects are embedded in the source data and cannot be separately identified, BEA did not attempt to quantify the total impact of the attacks on gross domestic product (GDP) or on other major aggregates.

The main economic effects of the events of September 11th captured in the NIPAs are the following:

- The reduction in real GDP growth for the third quarter reflected notable declines in consumer spending and in other components of GDP for September.¹
- The property losses are captured by a sharp increase in the consumption of fixed capital and a corresponding decline in net domestic product—GDP less the consumption of fixed capital. These property losses had no immediate, direct effect on real GDP, which is a measure of the production of goods and services.²
- The payments by insurance companies to cover the property losses are expected to reduce corporate profits. (BEA's estimates of corporate profits for the third quarter will be released on November 30.)
- The decline in inflation, as measured by the gross domestic purchases price index, reflected a sharp reduction in the net premiums paid for insurance. In the NIPAs, insurance expenditures are defined as premiums net of benefits payable, and the large benefit payments resulting from the September 11th attacks were treated as a reduction in the net price of insurance.

BEA prepared adjustments to certain components of GDP and gross domestic income (GDI).³ These adjustments primarily affected current-dollar estimates and price esti-

mates; their effects on the third-quarter estimates of real GDP and its components were small. The following paragraphs and table describe the quantitative effects of these adjustments on current-dollar GDP and prices and on GDI.

Current-dollar GDP and prices.—Under NIPA conventions, current-dollar expenditures for life insurance are based on the operating expenses of the insurer (including profits of stock life insurance companies), and current-dollar expenditures for other types of insurance are defined as premiums less benefits payable. Accordingly, within PCE for services, adjustments lowered the “expense of handling life insurance and pension plans” component of personal business services by \$10.6 billion, the workers’ compensation component of health insurance (under medical care services) by \$9.6 billion, and the (motor vehicle) insurance component of user-operated transportation (under transportation services) by \$0.3 billion (annual rates).⁴ Within imports of services, an adjustment lowered “other private services” by \$44.0 billion to primarily reflect claims by domestic insurers for reinsurance policies with foreign insurers. Within State and local government consumption expenditures and gross investment, an adjustment lowered “other services” by \$0.8 billion to reflect insurance benefit payments to general government. The net effect of these adjustments was to lower current-dollar gross domestic purchases by \$21.3 billion and to raise current-dollar GDP by \$22.7 billion. BEA treated these adjustments to current-dollar GDP as changes in the corresponding implicit prices for insurance services, so real GDP was not affected. As a consequence, these adjustments for disaster-related insurance payments lowered both the PCE price index and the gross domestic purchases price index and raised the GDP price index. Excluding the insurance-related price effects for the third quarter, the PCE price index would have increased 0.8 percent, in contrast to the decrease of 0.4 percent; the gross domestic purchases price index would have increased 0.5 percent, in contrast to the decrease of 0.3 percent; and the GDP price index would have increased 1.2 percent, compared with the increase of 2.1 percent.

In addition, within PCE for services, several other adjustments were made that lowered spending on some compo-

1. It is not possible to isolate the portion of the decline in consumer spending for the month that occurred in the aftermath of the attacks. For the month of September, current-dollar personal consumption expenditures (PCE) decreased 1.8 percent at a monthly rate and real PCE decreased 1.3 percent, the largest decreases since January 1987, when current-dollar PCE decreased 1.8 percent and real PCE decreased 2.4 percent.

2. The destruction of property will also be reflected in a reduction in the net stocks recorded in BEA's accounts for fixed assets and consumer durable goods.

3. These adjustments are based primarily on preliminary information from a variety of sources and are subject to revision as more complete information becomes available.

4. All subsequent dollar amounts are also expressed at annual rates. For monthly personal income and outlays, the adjustments were to the month of September, and the values of the annualized monthly adjustments are three times as large as those for the annualized quarterly adjustments.

● Final sales of domestic product—GDP less inventory investment—was flat, its weakest showing since a 1.1-percent decrease in the first quarter of 1993.

● The price index for gross domestic purchases decreased 0.3 percent after increasing 1.3 percent. The downturn partly reflected the treatment of insurance benefits in the NIPA's.

● Real disposable personal income jumped 12.8 percent, and the personal saving rate surged from

1.1 percent to 3.8 percent.⁴ These movements reflected the taxpayer refunds mandated by the Economic Growth and Tax Relief Reconciliation Act of 2001.

4. The personal saving rate is measured as personal saving as a percentage of current-dollar disposable personal income. The third-quarter estimate of the national saving rate (which is measured as gross saving as a percentage of gross national product) will be available at the end of November along with the "preliminary" estimate of third-quarter GDP.

in the National Income and Product Accounts

nents (motor vehicle rental, spectator sports, amusement parks) and raised spending on video cassette rentals; the net effect of these adjustments was to lower PCE for services by about \$0.7 billion. Within State and local government consumption expenditures and gross investment, an adjustment raised spending for wages paid to police and firefighters for overtime work by about \$0.8 billion. These adjustments did carry through to the estimates of real GDP, but their net effect was minimal.

Gross domestic income.—Under NIPA conventions, the consumption of fixed capital (CFC) is increased to reflect the catastrophic destruction of fixed assets owned by private business or by government enterprises.⁵ For fixed assets owned by general government (such as the Pentagon), no adjustments are made to CFC for catastrophic destruction, because CFC is included in government spending as a partial measure of the services of government capital. Instead, the destruction is recorded as a direct reduction in the stock of general government fixed assets. The approximate value of the assets that were destroyed is estimated at \$14.0 billion for private businesses and \$1.5 billion for State and local government enterprises. Therefore, CFC was increased by \$62.1 billion (annual rate) in the third quarter. The approximate value of the destroyed assets owned by general government was \$0.7 billion.

The third-quarter estimates of wages and salaries were also adjusted because the regular source data on employment, hours, and earnings from the Bureau of Labor Statistics monthly employment survey cover the mid-month pay period; thus for September, these data did not fully reflect the changes in the labor markets following the September 11th attacks. BEA's adjustments to wages reflected decreased hours due to work interruptions, decreased employment due to layoffs, and increased hours due to overtime work. The net effect of these adjustments was to lower private wages and salaries by \$3.3 billion and, as already discussed, to raise State and local government wages and salaries by \$0.8 billion.

The profits of insurance carriers will reflect the payment of insurance benefits associated with the attacks; very limited information suggests that these payments may amount to between \$30 billion and \$40 billion.⁶ In addition, the profits of other corporations, nonfarm proprietors' income, and the surplus of government enterprises would be reduced to reflect any uninsured losses, which, on the basis of currently available information, appear to be small. Finally, the profits of airlines will reflect the subsidies (\$20 billion) received as part of the special airline bill passed by the Congress after the September 11th attacks. (Within GDI, these subsidies are offset by "subsidies less current surplus of government enterprises.")

6. The benefit payments are recorded in the period in which the event occurs to reflect the full (expected) loss, regardless of when the payments are actually made.

Adjustments to the NIPA's for the Impact of the September 11th Terrorist Attacks, 2001:III
[Billions of dollars at annual rates]

	Adjustment
Product side:	
Personal consumption expenditures	-21.2
Insurance	-20.5
Motor vehicle insurance	-0.3
Workers' compensation	-9.6
Expense of handling life insurance and pension plans	-10.6
Other services	-0.7
Net exports	44.0
Imports of services	-44.0
Government consumption expenditures and gross investment	0
State and local compensation	0.8
State and local general government insurance	-0.8
Income side:	
Wages and salaries	-2.5
Private	-3.3
State and local government	0.8
Proprietors' income with IVA and CCAAdj	0
Consumption of fixed capital	-2.2
Insurance benefits received	2.2
Corporate profits with IVA and CCAAdj	-39.4
Consumption of fixed capital	-53.8
Insurance benefits received	53.8
Benefits paid by insurance companies	-83.4
Payments received from foreign reinsurers	44.0
Consumption of fixed capital, total	62.1
Private	56.0
Government enterprises	6.1
Surplus of government enterprises	0
Consumption of fixed capital	-6.1
Insurance benefits received	6.1

IVA Inventory valuation adjustment
CCAAdj Capital consumption adjustment

5. In July 2001, the Port Authority of New York leased the twin towers and other properties at the World Trade Center to two private corporations on a 99-year lease. This lease was treated in the NIPA's as a sale of an existing asset, which raised the "net purchases of used structures" component of private fixed investment by \$12.8 billion (current dollars) and lowered the structures component of State and local government gross investment by the same amount; thus, the lease transaction offset and did not affect GDP.

Computers.—Real final sales of computers decreased 11.6 percent after decreasing 26.5 percent. Business purchases and exports decreased less than in the second quarter, and purchases by government turned up. Consumer purchases increased less than in the second quarter.

Table 2.—Contributions to Percent Change in Real Gross Domestic Product

[Seasonally adjusted at annual rates]

	2000		2001	
	IV	I	II	III
Percent change at annual rate:				
Gross domestic product.....	1.9	1.3	0.3	-0.4
Percentage points at annual rates:				
Personal consumption expenditures.....	2.14	2.05	1.72	0.83
Durable goods.....	-0.17	0.83	0.56	0.14
Nondurable goods.....	0.12	0.49	0.06	0.12
Services.....	2.19	0.73	1.1	0.58
Gross private domestic investment.....	-0.42	-2.28	-2.16	-1.82
Fixed investment.....	0.09	0.33	-1.74	-1.45
Nonresidential.....	0.13	-0.02	-1.99	-1.53
Structures.....	0.24	0.39	-0.44	-0.42
Equipment and software.....	-0.11	-0.41	-1.55	-1.11
Residential.....	-0.05	0.35	0.25	0.08
Change in private inventories.....	-0.50	-2.61	-0.42	-0.37
Net exports of goods and services.....	-0.39	0.63	-0.12	0.32
Exports.....	-0.46	-0.13	-1.37	-1.87
Goods.....	-0.58	-0.19	-1.45	-1.44
Services.....	0.12	0.06	0.08	-0.43
Imports.....	0.07	0.76	1.25	2.19
Goods.....	0.07	0.87	1.21	1.53
Services.....	0	-0.11	0.05	0.66
Government consumption expenditures and gross investment.....	0.58	0.92	0.87	0.32
Federal.....	0.27	0.19	0.11	0.27
National defense.....	0.38	0.28	0.09	0.19
Nondefense.....	-0.11	-0.09	0.02	0.08
State and local.....	0.31	0.73	0.76	0.05

NOTE.—More detailed contributions to percent change in real gross domestic product are shown in NIPA table 8.2. Contributions to percent change in major components of real gross domestic product are shown in tables 8.3 through 8.6.

Computer prices decreased more than in the second quarter. Software prices decreased after increasing slightly.

Motor vehicles.—Real motor vehicle output increased 5.1 percent after increasing 24.7 percent. Final sales of motor vehicles to domestic purchasers turned down, and inventories turned up.

Consumer purchases of new cars and new light trucks changed little after increasing slightly. Financial factors specific to motor vehicle purchases were generally favorable. Manufacturers continued to offer sales-incentive programs on some models, interest rates on new-car loans at commercial banks decreased for the third consecutive quarter, and prices of new motor vehicles decreased for the second consecutive quarter.

Business purchases of motor vehicles decreased sharply after a small decrease. Purchases of “other” trucks declined for the seventh consecutive quarter.⁵

Motor vehicle inventories increased after two substantial decreases. The inventory-sales ratio for new domestic autos, which is calculated from units data, increased to 2.3 in the third quarter from 2.1 in the second.

5. “Other” trucks have a gross vehicle weight of over 10,000 pounds; these trucks range from medium-duty general delivery trucks to heavy-duty diesel tractor-trailers.

Table 3.—Real Gross Domestic Product by Type of Product

[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter							
	2001	2000	2001			2000	2001		
	III	IV	I	II	III	IV	I	II	III
Gross domestic product	9,333.4	43.8	30.6	7.2	-8.3	1.9	1.3	0.3	-0.4
Goods.....	3,647.5	-22.6	-24.1	-34.0	-24.7	-2.4	-2.6	-3.6	-2.7
Services.....	4,877.4	57.4	26.2	32.3	29.0	4.9	2.2	2.7	2.4
Structures.....	806.9	4.4	23.3	4.2	-14.9	2.2	12.3	2.0	-7.0
Addenda:									
Motor vehicle output.....	340.2	-19.1	-15.0	18.0	4.1	-20.0	-16.9	24.7	5.1
Gross domestic product									
less motor vehicle output.....	8,992.8	61.3	44.2	-9.1	-12.1	2.8	2.0	-0.4	-0.5
Final sales of computers.....						30.0	9.0	-26.5	-11.6
Gross domestic product									
less final sales of computers.....						1.6	1.2	0.6	-0.3

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals for most items are shown in NIPA table 1.4. Detail on motor vehicle output is shown in NIPA table 8.9B.

Prices

The price index for gross domestic purchases, which measures the prices of goods and services purchased by U.S. residents, decreased 0.3 percent in the third quarter after increasing 1.3 percent in the second. Two factors were mainly responsible for the downturn.

- Consumer prices declined, reflecting the way insurance benefit payments associated with the September 11 terrorist attacks are treated in the NIPA's (see the box on pages 2 and 3). (Import prices declined for the same reason.) Excluding the

insurance-related price effects, the gross domestic purchases price index increased 0.5 percent.

- Energy prices dropped after increasing. Excluding food prices (which stepped up) and energy prices, the price index for gross domestic purchases increased 0.4 percent after increasing 0.9 percent (table 4 and chart 2).

Prices of personal consumption expenditures (PCE) decreased 0.4 percent after increasing 1.3 percent. (Excluding the insurance-related price effects, the PCE price index increased 0.8 percent.)

Third-Quarter 2001 Advance GDP Estimate: Source Data and Assumptions

The "advance" GDP estimate for the third quarter is based on source data that are incomplete and subject to revision; as more and better data become available, the GDP estimate will be revised. The advance estimate is based on the following major source data. (The number of months for which data were available is shown in parentheses.)

Personal consumption expenditures: Sales of retail stores (3), unit auto and truck sales (3), and consumers' shares of new-car and new-truck purchases (2);

Nonresidential fixed investment: Unit auto and truck sales (3), construction put in place (2), manufacturers' shipments of machinery and equipment other than aircraft (3), shipments of civilian aircraft (2), and exports and imports of machinery and equipment (2);

Residential investment: Construction put in place (2) and single-family housing starts (3);

Change in private inventories: Trade and nondurable man-

ufacturing inventories (2), durable manufacturing inventories (3), and unit auto and truck inventories (3);

Net exports of goods and services: Exports and imports of goods and services (2);

Government consumption expenditures and gross investment: Some Federal outlays were available for 2 months, others for 3, State and local construction put in place (2), State and local employment (3), and the employment cost index for the quarter;

GDP prices: Consumer price indexes (3), producer price indexes (3), U.S. import and export price indexes (3), and values and quantities of petroleum imports (2).

BEA made assumptions for source data that were not available. Table A shows the assumptions for key series; a more comprehensive list is available on BEA's Web site at <www.bea.doc.gov> and on STAT-USA's Web site at <www.stat-usa.gov>.

Table A.—Summary of Major Data Assumptions for Advance Estimates, 2001:III

[Billions of dollars, seasonally adjusted at annual rates]

	2001					
	April	May	June	July	August	September ¹
Private fixed investment:						
Nonresidential structures:						
Buildings:						
Value of new nonresidential construction put in place.....	220.6	211.7	210.8	204.0	196.7	191.8
Equipment and software:						
Manufacturers' shipments of complete aircraft.....	36.0	40.7	45.0	48.8	45.1	34.4
Residential structures:						
Value of new residential construction put in place:						
1-unit structures.....	244.8	246.8	247.5	247.7	247.8	246.3
2-unit-or-more.....	29.9	32.0	31.0	31.6	30.8	30.6
Change in private inventories:						
Change in inventories for nondurable manufacturing.....	-3.3	-7.6	-16.7	-8.5	-10.4	-11.6
Change in inventories for merchant wholesale and retail industries other than motor vehicles and equipment.....	-6.0	14.3	-26.3	-44.9	20.1	4.4
Net exports: ²						
Exports of goods:						
U.S. exports of goods, international-transactions-accounts basis.....	746.0	754.2	730.2	704.3	713.5	675.8
Excluding gold.....	738.2	746.2	723.1	701.2	711.0	673.5
Imports of goods:						
U.S. imports of goods, international-transactions-accounts basis.....	1,197.9	1,167.5	1,156.8	1,134.3	1,119.3	1,064.2
Excluding gold.....	1,192.3	1,159.7	1,150.8	1,132.4	1,116.9	1,062.2
Net exports of goods.....	-451.9	-413.4	-426.6	-430.0	-405.7	-388.4
Excluding gold.....	-454.1	-413.5	-427.7	-431.2	-406.0	-388.7
Government:						
State and local:						
Structures:						
Value of new construction put in place.....	179.8	184.9	182.6	188.1	187.3	187.3

1. Assumption.

2. Nonmonetary gold is included in balance-of-payments-basis exports and imports but is not used directly in the estimation of NIPA exports and imports.

PCE energy prices decreased sharply after increasing; prices of gasoline and oil dropped sharply after a sharp increase, and prices of electricity and gas decreased more than in the second quarter. Food prices increased more than in the second quarter; step-ups and upturns were widespread and more than offset downturns in the prices of beef and veal and of fresh fruits.

Prices paid by government were unchanged, as a slight increase in prices paid by the Federal Government was offset by a slight decrease in prices paid by State and local governments. In the second quarter, prices paid by government increased.

Table 4.—Price Indexes

[Percent change at annual rates; based on seasonally adjusted index numbers (1996=100)]

	2000		2001	
	IV	I	II	III
Gross domestic product	1.8	3.3	2.1	2.1
Less: Exports of goods and services.....	0.5	-0.1	-1.0	-1.4
Plus: Imports of goods and services.....	0.4	-3.0	-6.0	-17.4
Equals: Gross domestic purchases.....	1.7	2.7	1.3	-0.3
Less: Change in private inventories .....	.....	.....	.....	.....
Equals: Final sales to domestic purchasers.....	1.8	2.6	1.3	-0.3
Personal consumption expenditures	2.0	3.2	1.3	-0.4
Durable goods.....	-1.2	-0.7	-3.5	-2.8
Nondurable goods.....	2.0	1.9	2.7	-1.4
Services.....	2.6	4.7	1.7	0.6
Private fixed investment	0.8	-0.4	0.6	-0.1
Nonresidential	0	-1.9	-0.1	-0.4
Structures	4.7	6.2	4.7	2.3
Equipment and software.....	-1.5	-4.6	-1.9	-1.4
Residential	3.5	4.6	2.6	1.0
Government consumption expenditures and gross investment	1.9	3.5	1.8	0
Federal	0.4	4.4	1.2	0.2
National defense.....	1.0	3.6	1.0	0.1
Nondefense.....	-0.7	5.8	1.7	0.2
State and local.....	2.7	3.0	2.1	-0.1
Addenda:				
Gross domestic purchases:				
Food	1.6	4.1	2.6	3.7
Energy.....	11.3	9.3	6.1	-21.0
Less food and energy	1.3	2.3	0.9	0.4
Personal consumption expenditures:				
Food	1.6	4.0	2.6	3.8
Energy goods and services ¹	10.5	11.7	9.2	-20.7
Less food and energy	1.5	2.6	0.7	0.3

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.
NOTE.—Percent changes in major aggregates are shown in NIPA table 8.1. Index numbers are shown in tables 7.1, 7.2, and 7.4.

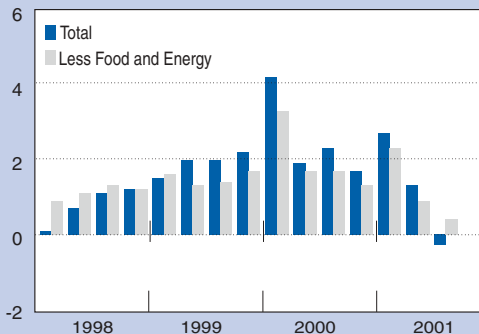
Prices of private nonresidential fixed investment decreased 0.4 percent after decreasing 0.1 percent. Prices of computers and peripheral equipment decreased more than in the second quarter, and prices of industrial equipment were unchanged after increasing. In contrast, prices of transportation equipment increased after a small decrease.

The GDP price index, which measures the prices paid for goods and services produced in the United States, increased 2.1 percent, the same as in the second quarter. This index, unlike the price index for gross domestic purchases, excludes the prices of imports and includes the prices of exports. Import prices decreased much more than in the second quarter, mainly because of the insurance-related price effects; prices of imported goods decreased about as much as in the second quarter. Export prices decreased a little more than in the second quarter.

CHART 2

**Gross Domestic Purchases Prices:
Change From Preceding Quarter**

Percent



Note—Percent change at annual rate from preceding quarter; based on seasonally adjusted index numbers (1996=100).

U.S. Bureau of Economic Analysis

Personal Income

Real disposable personal income (DPI) increased 12.8 percent in the third quarter—the largest increase in more than 26 years—and current-dollar DPI increased 12.3 percent.⁶ These increases primarily reflected a sharp downturn in Federal personal tax payments as a result of the advance refund checks sent, beginning in July, to taxpayers under the Economic Growth and Tax Relief Reconciliation Act of 2001; the act also lowered income tax withholding rates. As a result of the sharp increase in DPI and the weak increase in personal outlays (largely PCE), the personal saving rate—saving as a percentage of current-dollar DPI—jumped to 3.8 percent from 1.1 percent.

6. DPI is personal income less personal tax and nontax payments. It is the income available to persons for spending or saving.

Table 5.—Personal Income and Its Disposition
[Billions of dollars; seasonally adjusted at annual rates]

	Level		Change from preceding quarter		
	2001	2000	2001		
	III	IV	I	II	III
Wage and salary disbursements.....	5,129.40	97.4	76.2	50.4	29.6
Private industries.....	4,317.50	93.4	64.0	39.6	17.3
Goods-producing industries.....	1,200.80	22.3	10.8	-1.9	-3.6
Manufacturing.....	843.5	14.2	1.1	-3.1	-6.7
Distributive industries.....	1,148.90	23.5	14.4	7.9	0.7
Service industries.....	1,967.70	47.6	38.8	33.6	20.1
Government.....	812.0	4.0	12.2	10.8	12.4
Other labor income.....	555.3	7.0	4.4	2.9	3.1
Proprietors' income with IVA and CCAdj.....	752.3	5.9	10.0	10.1	7.0
Farm.....	31.8	0.1	-1.9	-1.1	3.1
Nonfarm.....	720.5	5.9	11.9	11.2	3.9
Rental income of persons with CCAdj.....	143.6	3.4	-2.1	-0.6	4.6
Personal dividend income.....	420.0	10.8	8.2	7.1	8.1
Personal interest income.....	991.3	3.9	-2.2	-9.9	-9.7
Transfer payments to persons.....	1,160.00	14.4	34.1	16.3	20.6
Less: Personal contributions for social insurance.....	374.6	4.7	8.0	1.9	0.6
Personal income.....	8,777.30	138.1	120.6	74.4	62.7
Less: Personal tax and nontax payments.....	1,197.00	29.6	15.4	6.2	-154.4
Equals: Disposable personal income.....	7,580.30	108.5	105.2	68.2	217.1
Less: Personal outlays.....	7,293.60	88.2	101.1	65.5	11.9
Equals: Personal saving.....	286.7	20.2	4.1	2.7	205.2
Addenda: Special factors in personal income:					
In private wages and salaries:					
Effects of the September 11 terrorist attacks.....	-3.3	0	0	0	-3.3
In government wages and salaries:					
Federal pay raise.....	6.0	0	5.2	0.5	0.3
Effects of the September 11 terrorist attacks.....	0.8	0	0	0	0.8
In transfer payments to persons:					
Social security retroactive payments.....	0	0.5	-1.1	0	0
Cost-of-living adjustments in Federal transfer programs.....	16.6	0.3	16.3	0	0
Correction for error in indexing for social security and supplemental income benefits.....	4.2	0	0	0	4.2
In personal tax and nontax payments:					
Federal tax law changes.....	-158.9	0.0	-4.5	0	-154.4
Refunds and State tax law changes.....	-3.3	2.8	-0.8	-6.1	4.6

NOTE.—Most dollar levels are in NIPA table 2.1. IVA Inventory valuation adjustment. CCAdj Capital consumption adjustment.

Personal income, which is measured only in current dollars, increased \$62.7 billion after increasing \$74.4 billion (chart 3 and table 5).

Wage and salary disbursements slowed, mainly reflecting slowdowns in the distributive and service industries. To account for the effects of the terrorist attacks that were not captured in the source data, BEA lowered wages and salaries \$3.3 billion in private industries and raised them \$0.8 billion in State and local government.

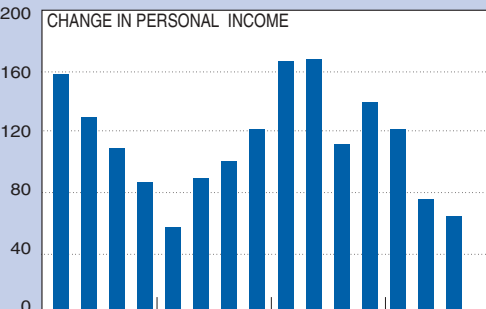
Transfer payments increased more than in the second quarter. The third-quarter increase reflected one-time payments to correct for the underpayments of benefits due to an error in the indexing for social security and supplementary security income benefits.

Personal interest income decreased for the third consecutive quarter; the decreases primarily reflected declining interest rates.

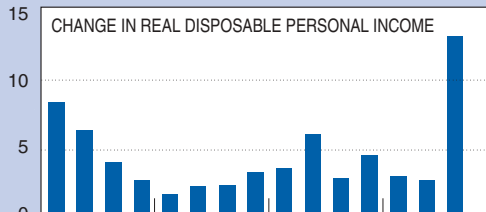
CHART 3

Selected Personal Income and Saving Measures

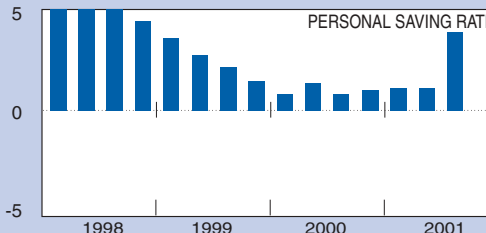
Billion \$



Percent



Percent



Note—Changes are from preceding quarter; based on seasonally adjusted annual rates.

Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income

New Estimates for 1999
Revised Estimates for 1998

By *Thae S. Park*

THIS article presents a comparison of the Bureau of Economic Analysis (BEA) measure of personal income and the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) of individuals by type of income. The article explains the major definitional and statistical differences between the two measures, describes some uses of the measures, and presents a partial reconciliation of the measures that is prepared by converting the BEA measure of personal income by type of income to the same definitional basis as the IRS measure. It also discusses the sources of the "AGI gap"—the unexplained difference remaining between the BEA estimate of AGI and the IRS AGI—the trends in the AGI gap for 1959–99, and the sources of the revision to the AGI gap for 1998.¹

The BEA measure of personal income and the IRS measure of AGI are both widely used measures of household income. Personal income, which is prepared as an integral part of the national income and product accounts (NIPA's), is often used in assessing trends in output, consumer spending, saving, and investment. AGI, which is the income concept used in the Federal income tax, is often used to estimate individual income tax revenue and the income tax burden of households.

Personal income is the income received by persons from participation in production, from both government and business transfer payments, and from government interest (which is treated like a

transfer payment). "Persons" consists of individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds, and private trust funds. Personal income is calculated as the sum of wage and salary disbursements, other labor income, proprietors' income with inventory valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments to persons, less personal contributions for social insurance.²

AGI is the Federal income tax concept closest to net income. It approximates income less the costs of producing income. In general, gross income for Federal income tax purposes includes all income that is received in the form of money, property, and services that is not expressly exempt from taxation. Expressly exempt income includes the cost basis of pension, annuity, or individual retirement account distributions; tax-exempt interest; part of social security and railroad retirement benefits; part of qualified foreign earned income; and part of the gain from sale of principal residence. For 1999, the allowable adjustments to gross income to derive AGI included the deduction for one-half of self-employment tax, contributions to self-employed retirement plans, contributions to individual retirement accounts, alimony paid, and other adjustments.³

In general, personal income is a more comprehensive measure than AGI. It includes income that is generally taxed, such as wages and salaries, rental income, self-employment earnings, dividends, and interest; income that is partly taxed, such as social security benefit payments; and sev-

1. Annual and quarterly estimates of personal income are published monthly in table 2.1 of the national income and product accounts (NIPAs) in the section "BEA Current and Historical Data" of the SURVEY OF CURRENT BUSINESS (monthly estimates are shown in table B.1). Estimates of IRS AGI are published annually in *Statistics of Income—Individual Income Tax Returns*. The estimates of the relationship between total personal income and total AGI are presented annually in NIPA table 8.28, most recently for 1997–99 on page 24 of the September 2001 SURVEY. All the estimates are available on BEA's Web site at <www.bea.doc.gov> and on STAT-USA's Web site at <www.stat-usa.gov>. The reconciliation by type of income for 1959–97 is available on request; for information, write to the Government Division (BE-57), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

2. See U.S. Bureau of Economic Analysis, *National Income and Product Accounts of the United States, 1929–97: Volume 1* (Washington, DC: U.S. Government Printing Office, September 2001): M-8.

eral types of income that are not taxed, such as tax-exempt interest and nontaxable transfer payments, including Medicare, Medicaid, and welfare benefit payments. Personal income includes income independent of whether or how it is reported to the IRS. Personal income also includes other types of income, such as employer contributions to private and government employee retirement plans, the investment income of these plans, and imputed income related to home ownership. However, personal income excludes net gains from the sale of assets—capital gains, retirement benefits, and personal contributions for social insurance.

Although the two series are based on different concepts and serve different purposes, they are often used in conjunction. In particular, personal income, which is available much sooner than AGI, is frequently used as an extrapolator for AGI (this article provides information that can be used to adjust the BEA measure to bring it closer in definition to AGI).

The revised estimates for 1998 reflect the incorporation of the results of the annual revision of the NIPA's that was released in July 2001 and of updated estimates of AGI for 1998 from the *Statistics of Income Bulletin*.⁴ The new estimates for 1999 incorporate the newly available IRS estimates of AGI for 1999.

This article is organized into four sections. The first section discusses the derivation of the BEA estimates of AGI and the AGI gap by type of income. The second section discusses the sources of the AGI gap. The third section discusses some specific trends in the AGI gap by type of income for 1959–99. The fourth section discusses the sources of revision to the AGI gap for 1998.

BEA Estimates of AGI

Personal income and AGI each include items that the other omits. Tables 1 and 2 show the reconcili-

3. Other adjustments included student-loan interest deduction, medical savings account deduction, moving expenses, self-employed health insurance deduction, penalty on early withdrawal of savings, forestation or reforestation expenses, foreign housing exclusion, repayments of supplemental unemployment compensation, certain expenses of qualified performing artists, contributions to section 501(c)(18) pension plans, deduction for clean-fuel vehicles, employee business expenses of fee-basis State or local government officials, and jury duty pay that was repaid to employers and reported as taxable income. On the IRS form 1040 for 1999, the types of income that had to be reported for the calculation of gross income are shown in lines 7 through 21, and allowable adjustments are shown in lines 23 through 31.

4. See Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts: Annual Estimates, 1998–2000 and Quarterly Estimates, 1998:I–2001:I," *SURVEY* 81 (August 2001): 7–32. For AGI data, see Internal Revenue Service, *Statistics of Income Bulletin* (Washington, DC: U.S. Government Printing Office, Spring 2001).

ation between personal income and AGI by type of income for 1998–99. In these tables, the reconciliation items that convert personal income to the IRS definition of AGI are shown in three groups.

The first group (lines 3–9) consists of the portion of personal income that is not included in AGI. Most transfer payments to persons from governments and all transfer payments to persons from business are nontaxable (line 3).⁵ The taxable portion of transfer payments to persons from governments consists primarily of unemployment compensation benefit payments and a portion of social security and railroad retirement benefit payments.

Most of the components of the NIPA category "other labor income" (line 4), primarily so-called fringe benefits, are nontaxable.⁶ The nontaxable components are employer payments (including payments in kind) to private pension and profit-sharing plans, to publicly administered government employee retirement plans, to private group health and life insurance plans, to privately administered workers' compensation plans, and to supplemental unemployment benefit plans. Employer payments are nontaxable, but some benefit payments—such as pension benefit payments (line 13) and supplemental unemployment benefit payments (part of line 15) are taxable. Taxable components of other labor income also include other fees and payments.

In the NIPA's, the investment income of life insurance carriers and pension plans is included in personal income in the year it is accrued. Investment income of life insurance carriers attributed to persons is included in personal interest income.⁷ Investment income of pension plans—rents, dividends, and interest—is recorded as being received directly by persons in the corresponding components of personal income.

The second group of reconciliation items (lines 11–15) consists of the portion of AGI that is excluded from personal income. Personal contributions for social insurance (line 11) includes payments by employees, by the self-employed, and by individuals who participate in the following gov-

5. NIPA table 3.12 shows government transfer payments to persons, which include benefit payments from social insurance funds—such as old-age, survivors, and disability insurance (social security), hospital insurance, supplementary medical insurance, and unemployment insurance—and from certain other programs. NIPA table 8.16 shows business transfer payments to persons, which consist primarily of liability payments for personal injury and of corporate gifts to nonprofit institutions.

6. NIPA table 6.11C shows other labor income by industry group and by type.
7. See NIPA table 8.20 (line 53).

ernment programs: Old-age, survivors, and disability insurance (social security), hospital insurance, supplementary medical insurance, unemployment insurance, railroad retirement, veterans life insurance, and temporary disability insurance.⁸

“Gains, net of losses, from sale of property”—capital gains—(line 12) includes net gain from sale of property held for personal use or for investment (capital assets) and of property of a business nature (business assets).

Taxable pension benefit payments from pension plans (line 13), which is in AGI, is excluded from personal income because in the NIPA’s, pension benefit payments are treated as transactions within the personal sector.

The third group of reconciliation items (lines 17–21 and 25–27) consists of reallocations among types of income. These reallocations do not affect the total AGI gap, but they affect the AGI gap by type of income. The types of income used for reconciliation purposes in tables 1 and 2 represent the types of income that are common to both personal income and AGI. However, certain types of personal income and of AGI, such as interest distributed by regulated investment companies—mutual funds—(line 20) and partnership income (line 26), are classified differently in the two income measures. These income types are reallocated, when possible, to make the BEA and IRS estimates of AGI comparable by type of income. The reallocations of personal income types are shown in lines 17–21, and the reallocation of AGI types are shown in lines 25–27.

8. See NIPA table 3.6.

Table 1.—Comparison of Personal Income by Type of Income, 1998
[Billions of dollars]

Line		Personal income	Wage and salary disbursements	Proprietors' income with IVA and CCA ^{adj}		Rental income of persons with CCA ^{adj}	Personal dividend income	Personal interest income	Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits ¹	Other personal income ²	Income not included in personal income
				Farm	Nonfarm								
1	Personal income.....	7,426.0	4,192.8	25.6	598.2	138.6	348.3	964.4	(³) 3.0	19.9	71.0	1,064.1	0.0
2	Less: Portion of personal income not included in adjusted gross income.....	2,627.9	101.9	6.5	9.6	101.4	239.9	739.5	0.0	0.0	0.0	1,377.5	51.5
3	Nontaxable transfer payments.....	889.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	889.0	0.0
4	Other labor income except fees.....	487.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	487.9	0.0
5	Imputed income in personal income ⁴	320.3	11.0	0.4	7.3	80.4	0.0	221.2	0.0	0.0	0.0	0.0	0.0
6	Investment income retained by life insurance carriers and pension plans ⁵	42.7.9	0.0	0.0	0.0	1.3	51.3	375.3	0.0	0.0	0.0	0.0	0.0
7	Investment income received by nonprofit institutions or retained by fiduciaries.....	65.8	0.0	0.0	0.4	6.0	21.0	37.8	0.0	0.0	0.0	0.7	0.0
8	Differences in accounting treatment between NIPA's and tax regulations, net.....	95.8	0.0	6.1	2.0	13.7	19.1	55.0	0.0	0.0	0.0	0.0	0.0
9	Other personal income exempt or excluded from adjusted gross income.....	341.2	90.9	0.0	0.0	0.0	148.6	50.2	0.0	0.0	0.0	0.0	(⁶) 51.5
10	Plus: Portion of adjusted gross income not included in personal income.....	1,325.5	20.7	0.0	3.8	3.0	0.0	0.0	356.3	0.0	0.0	315.5	626.2
11	Personal contributions for social insurance.....	316.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	316.3	0.0
12	Gains, net of losses, from sale of property.....	444.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	444.5
13	Taxable pensions ⁷	356.3	0.0	0.0	0.0	0.0	0.0	356.3	0.0	0.0	0.0	0.0	0.0
14	Small business corporation income.....	115.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.2
15	Other types of income.....	93.2	20.7	0.0	3.8	3.0	0.0	0.0	0.0	0.0	0.0	-0.9	66.5
16	Plus: Reallocation by type of NIPA income.....	0.0	10.4	-0.0	-0.7	0.0	56.6	-56.6	-7.7	0.0	0.0	-2.0	0.0
17	Fees in other labor income.....	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.7	0.0
18	Fiduciaries' share of partnership income ⁸	0.0	0.0	-0.0	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
19	Interest received by nonfarm proprietors.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Interest distributed by regulated investment companies.....	0.0	0.0	0.0	0.0	0.0	56.6	-56.6	0.0	0.0	0.0	0.0	0.0
21	Taxable disability income payments.....	0.0	7.7	0.0	0.0	0.0	0.0	0.0	-7.7	0.0	0.0	0.0	0.0
22	Equals: BEA-derived adjusted gross income.....	6,123.7	4,122.0	19.1	591.7	40.3	165.0	168.4	351.6	19.9	71.0	-0.0	574.7
23	Adjusted gross income of IRS (as reported).....	5,416.0	3,879.8	-7.9	202.4	22.4	118.5	178.3	280.7	16.8	68.7	81.6	574.7
24	Plus: Reallocation by type of IRS income.....	0.0	0.0	0.2	75.0	6.4	0.0	0.0	0.0	0.0	0.0	-81.6	0.0
25	Estate or trust income.....	0.0	0.0	0.0	3.1	6.4	0.0	0.0	0.0	0.0	0.0	-9.5	0.0
26	Partnership income.....	0.0	0.0	0.2	72.0	0.0	0.0	0.0	0.0	0.0	0.0	-72.2	0.0
27	Other reallocations.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Adjusted gross income of IRS (reallocated).....	5,416.0	3,879.8	-7.7	277.4	28.8	118.5	178.3	280.7	16.8	68.7	0.0	574.7
29	Adjusted income gap (line 22—line 28).....	707.7	242.2	26.8	314.3	11.5	46.5	-9.9	70.9	3.1	2.3	-0.0	0.0
30	Percent distribution of AGI gap.....	100.0	34.2	3.8	44.4	1.6	6.6	-1.4	10.0	0.4	0.3		
31	Relative AGI gap ⁹	11.6	5.9	140.5	53.1	28.4	28.2	-5.9	20.2	15.5	3.3		
32	Addendum: Misreporting adjustments included in personal income.....	337.4	97.0		252.4	1.2		-13.1					

See the footnotes at the end of table 2.

Taxable interest received by mutual funds is reallocated from NIPA personal interest income to AGI personal dividend income because the IRS requires that this interest be reported as dividends. Only the portion that is taxable to individuals is reallocated; the interest paid by mutual funds to pension plans, IRA and Keogh plans, and holders of State and local government securities is tax-exempt.⁹ Because of the difficulties of allocating

total interest paid by regulated investment companies to these categories, this estimate of the amount reallocated from interest to dividends is an approximation; the separate estimates of BEA-derived AGI for interest and for dividends are therefore less reliable than the combined estimates.

Partnership income as reported in AGI requires a reallocation by type of income. The current-production income (including income in kind) of sole proprietorships and partnerships and of tax-exempt cooperatives is classified either as farm proprietors' income or as nonfarm proprietors' income for reconciliation purposes.

9. Estimates of taxable interest received by individuals from mutual funds are primarily based on IRS tabulations of U.S. Income Tax Return for Regulated Investment Companies (form 1120-RIC). The form 1120 RIC distributions are adjusted for distributions currently not taxable to individuals using the mutual fund shares from the Federal Reserve Board. For more information on the reconciliation items in tables 1 and 2, see Thae S. Park, "Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income," SURVEY 80 (February 2000): 18.

Table 2.—Comparison of Personal Income by Type of Income, 1999

[Billions of dollars]

Line	Personal income	Wage and salary disbursements	Proprietors' income with IVA and CCAAdj		Rental income of persons with CCAAdj	Personal dividend income	Personal interest income	Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits ¹	Other personal income ²	Income not included in personal income	
			Farm	Nonfarm									
1	Personal income	7,777.3	4,472.2	26.6	645.4	147.7	343.1	950.0	(³) 3.0	20.7	77.2	1,091.3	0.0
2	Less: Portion of personal income not included in adjusted gross income	2,726.1	110.8	4.9	-3.6	110.5	250.7	772.5	0.0	0.0	0.0	1,425.3	55.0
3	Nontaxable transfer payments	917.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	917.7	0.0
4	Other labor income except fees	507.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	507.0	0.0
5	Imputed income in personal income ⁴	348.7	11.4	0.5	7.7	90.5	0.0	238.8	0.0	0.0	0.0	0.0	0.0
6	Investment income retained by life insurance carriers and pension plans ⁵	441.4	0.0	0.0	0.0	1.4	58.6	381.4	0.0	0.0	0.0	0.0	0.0
7	Investment income received by nonprofit institutions or retained by fiduciaries	64.7	0.0	0.0	0.4	5.9	20.4	37.4	0.0	0.0	0.0	0.7	0.0
8	Differences in accounting treatment between NIPA's and tax regulations, net	89.5	0.0	4.4	-11.6	12.7	21.4	62.6	0.0	0.0	0.0	0.0	0.0
9	Other personal income exempt or excluded from adjusted gross income	357.1	99.5	0.0	0.0	0.0	150.2	52.4	0.0	0.0	0.0	0.0	(³) 55.0
10	Plus: Portion of adjusted gross income not included in personal income	1,475.1	21.0	0.0	3.9	3.1	0.0	0.0	385.0	0.0	0.0	336.1	726.1
11	Personal contributions for social insurance	337.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	337.1	0.0
12	Gains, net of losses, from sale of property	505.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	505.4
13	Taxable pensions ⁷	384.9	0.0	0.0	0.0	0.0	0.0	0.0	384.9	0.0	0.0	0.0	0.0
14	Small business corporation income	120.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.7
15	Other types of income	126.9	21.0	0.0	3.9	3.1	0.0	0.0	0.0	0.0	0.0	-1.0	99.9
16	Plus: Reallocation by type of NIPA income	0.0	11.0	-0.0	-0.7	0.0	54.3	-54.3	-8.2	0.0	0.0	-2.1	0.0
17	Fees in other labor income	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8	0.0
18	Fiduciaries' share of partnership income ⁸	0.0	0.0	-0.0	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
19	Interest received by nonfarm proprietors	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Interest distributed by regulated investment companies	0.0	0.0	0.0	0.0	0.0	54.3	-54.3	0.0	0.0	0.0	0.0	0.0
21	Taxable disability income payments	0.0	8.2	0.0	0.0	0.0	0.0	0.0	-8.2	0.0	0.0	0.0	0.0
22	Equals: BEA-derived adjusted gross income	6,526.3	4,393.4	21.7	652.2	40.2	146.7	123.2	379.7	20.7	77.2	-0.0	671.1
23	Adjusted gross income of IRS (as reported)	5,851.6	4,173.9	-5.3	201.6	22.3	129.7	166.1	309.4	17.6	76.5	88.6	671.1
24	Plus: Reallocation by type of IRS income	0.0	0.0	0.4	81.9	6.3	0.0	0.0	0.0	0.0	0.0	-88.6	0.0
25	Estate or trust income	0.0	0.0	0.0	3.0	6.3	0.0	0.0	0.0	0.0	0.0	-9.3	0.0
26	Partnership income	0.0	0.0	0.4	78.9	0.0	0.0	0.0	0.0	0.0	0.0	-79.3	0.0
27	Other reallocations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Adjusted gross income of IRS (reallocated)	5,851.6	4,173.9	-4.9	283.5	28.6	129.7	166.1	309.4	17.6	76.5	0.0	671.1
29	Adjusted income gap (line 22—line 28)	674.7	219.5	26.6	368.7	11.7	17.0	-42.9	70.3	3.1	0.7	-0.0	-0.0
30	Percent distribution of AGI gap	100.0	32.5	3.9	54.7	1.7	2.5	-6.4	10.4	0.5	0.1	.....	.....
31	Relative AGI gap ⁹	10.3	5.0	122.6	56.5	29.0	11.6	-34.8	18.5	14.9	0.9	.....	.....
32	Addendum: Misreporting adjustments included in personal income	369.7	103.6	.....	278.5	1.1	.....	-13.5	.....	.....	.....	.....	.....

1. Taxable social security benefits also include the social security equivalent benefit portion of tier 1 railroad retirement benefits.

2. Consists primarily of other labor income and the nontaxable transfer payments to persons, less personal contributions for social insurance.

3. Consists of tier 2 railroad retirement benefits that are taxed in the same manner as benefits paid under private employer retirement plans.

4. Consists of the imputations included in personal income shown in NIPA table 8.21 (line 53), except for employer contributions for health and life insurance premiums (line 146). In this table, these premiums are included in line 4.

5. Consists of imputed interest received by persons from life insurance carriers shown in NIPA table 8.20 (line 53) and investment income of private and government employee pension plans.

6. Statutory adjustments or specific adjustments ("above-the-line deductions") from gross income taken to arrive at AGI.

7. Consists of the taxable portion of private and government employee retirement plan benefit payments.

8. Consists of partnership income retained by fiduciaries.

9. Adjusted gross income gap (line 29) as a percentage of the BEA-derived AGI (line 22).

AGI Adjusted gross income

BEA Bureau of Economic Analysis

CCAAdj Capital consumption adjustment

IVA Inventory valuation adjustment

IRS Internal Revenue Service

NIPAs National income and product accounts

The AGI Gap

The estimates of the BEA-derived AGI differ significantly from the IRS estimates of AGI. The "AGI gap" is defined as the difference between the total BEA-derived AGI (line 22) and total IRS AGI (line 23), and the AGI gap for each type of income (line 29) is the difference between the BEA-derived AGI for that type of income (line 22) and the reallocated IRS AGI for that type of income (line 28). The percent distribution of the AGI gap by type of income is shown in line 30, and the relative AGI gap for each type of income, which is the AGI gap for that type of income (line 29) as a percentage of the BEA-derived AGI for that type of income (line 22), is shown in line 31.

The AGI gap results from several sources. First, the source data used to estimate personal income and its components contain errors. Reliable data are unavailable to estimate some items, such as income earned by individuals who are not required to file income tax returns. Some of the differences between the definitions of personal income and AGI are unknown.¹⁰

Second, the IRS estimates of total AGI and its components are affected by sampling and measurement errors. The IRS estimates are based on a stratified probability sample of unaudited individual income tax returns that are not adjusted for misreporting (however, the sample returns are edited for consistent statistical definitions and for incorrect or missing entries in order to make them consistent with other entries on the returns and with accompanying schedules).

Third, the estimates of BEA-derived AGI include both explicit and implicit adjustments for tax-return misreporting.¹¹ Explicit adjustments are made for the effects of tax-return misreporting on the source data used to prepare the estimates of wage and salary disbursements, nonfarm proprietors' income, royalty income, and personal interest income (line 32).¹² Implicit adjustments are also embedded in the source data used for some

components of personal income because the source data are from the payers of the income. For example, the estimates of wage and salary disbursements are based on tabulations of wages and salaries of employees covered by State unemployment insurance from the Bureau of Labor Statistics (BLS), on wages from the Office of Personnel Management, and on wages from a variety of other sources; these estimates are then adjusted for coverage differences. Personal dividend income is based primarily on tabulations of corporate income tax returns, adjusted for understatement of income on tax returns and for conceptual differences. Transfer payments are based on budget data from the Federal Government and from State and local governments rather than on individual tax return data.¹³

Fourth, each July, the personal income estimates for the most recent 3 years are revised to incorporate source data that are more complete, more detailed, and otherwise more appropriate than those that were previously incorporated, and about every 5 years, the estimates for all years are subject to a comprehensive revision that incorporates substantial definitional and statistical changes.¹⁴ The IRS estimates of AGI are based on a sample from all individual income tax returns, except tentative and amended returns, processed during a calendar year.¹⁵ The AGI estimates are in-

12. The major source data for these adjustments are the 1988 Taxpayer Compliance Measurement Program (TCMP) and Census Bureau "exact match" files for 1996. The TCMP provides a measure of noncompliance for individuals who file tax returns. Through the TCMP, the IRS develops noncompliance ratios. Explicit adjustments for misreporting on tax returns for nonfarm proprietors' income are determined by multiplying noncompliance ratios times IRS tabulations of levels of business net income as reported on tax returns. The IRS compiles these net income tabulations annually, but noncompliance ratios have been held constant since 1988, the last year for which there was a TCMP. Exact match studies provide data on persons who did not file income tax returns. Nonfiler adjustments are based on matching information supplied on the annual income supplement of the Current Population Survey (CPS) with individual income tax returns. Respondents who report income on the CPS but who cannot be matched to a tax return are considered nonfilers. The latest nonfiler adjustments are based on Census Bureau tabulations of unreported income from the 1996 Exact Match Study.

For additional information about the calculation of these adjustments, see Robert P. Parker, "Improved Adjustments for Misreporting of Tax Return Information Used To Estimate the National Income and Product Accounts, 1977," SURVEY 64 (June 1984): 17-25; "The Comprehensive Revision of the U.S. National Income and Product Accounts: A Review of Revisions and Major Statistical Changes," SURVEY 71 (December 1991): 39-40; "Improved Estimates of the National Income and Product Accounts for 1959-95: Results of the Comprehensive Revision," SURVEY 76 (January/February 1996): 24-25; and Moulton, Seskin, and Sullivan, "Annual Revision of the National Income and Product Accounts," 27.

13. Information from IRS audit studies shows misreporting of these payments on individual income tax returns.

14. For major improvements that were introduced in the most recent comprehensive revision, see Moulton, Parker, and Seskin, "A Preview of the 1999 Comprehensive Revision," 7-20.

15. According to the IRS, tentative returns are excluded from the population because the revised returns may have been sampled later, and amended returns are excluded because the original returns have already been subjected to sampling. A small percentage of returns are not identified as tentative or amended until after sampling; these returns, along with those that contained no income information, are excluded in calculating estimates. For more details, see *Statistics of Income—Individual Income Tax Returns 1998*: 19.

10. Although some individuals who are not required to file tax returns do so mostly to secure refunds of withheld tax or to receive refunds from earned income tax credit or child tax credit, income earned by low-income individuals who are not required to file returns is probably the largest known missing reconciliation item. The filing requirements are generally based on gross income, filing status, marital status, age, and to a lesser extent, on dependency and blindness.

11. The estimates of personal income are mainly based on source data from the payers of the income. AGI data are used only for the estimates of nonfarm sole proprietors' income and royalty payments in rental income of persons. For these components, BEA adjusts for misreporting of tax return information by taxpayers. Thus, the AGI gap for these components largely reflects the explicit misreporting adjustments (line 32 in tables 1 and 2) added to the source data. See "Updated Summary NIPA Methodologies," SURVEY 81 (October 2001): 29-32 and the text on the CD-ROM *State Personal Income, 1929-98*. Information on methodology is also available on BEA's Web site.

tended to represent all the returns filed for a tax liability year from January 1 to December 31, but about 2 to 3 percent of the returns processed in a calendar year are for tax liability years ending other than on December 31 or for previous years. Unlike personal income, AGI estimates are not updated to incorporate newly available data.

The AGI Gap by Type of Income for 1959–99

Table 3 shows the estimates of the AGI gap for total income and for each type of income for 1959–99, and table 4 shows the relative AGI gap for total income and for each type of income for 1959–99. Over this period, the relative AGI gap for total income averaged about 11 percent, ranging from a low of about 9 percent in the late 1960s to a high of 13 1/2 percent in 1984.

By type of income, the relative AGI gap for wage and salary disbursements is the smallest, primarily because income tax withholding at the source is required for most wage and salary disbursements. The relative AGI gap for wage and salary disbursements averaged about 3 percent over the period.

The trends in the relative AGI gaps for non-wage incomes partly offset each other (see the addenda in table 4). For nonwage incomes subject to the requirements for filing information returns by employers, the trend in the combined relative AGI gap is generally downward, declining from about 39 percent in 1959 to about 7 percent in 1999.¹⁶

The combined relative AGI gap for incomes not subject to the filing requirements (the second

16. Employers and other payers of income, including partnerships and non-profit organizations, are required to file information returns with the IRS for certain payments made during the year in the course of the employers' trade or business. Personal dividend income and personal interest income are the primary examples of nonwage incomes subject to the requirements for filing information returns. In recent years, estimating the AGI gap for these types of income has been difficult because the taxable portion of interest received by individuals from mutual funds is reallocated from personal interest income to personal dividend income (line 19 in tables 1 and 2), because the allocation of income received from private noninsured pension plans (part of line 6) between interest and dividends is based on incomplete data, and because some individuals may have inadvertently reported income from mutual funds as interest rather than as dividends on their tax returns. Thus, tables 3 and 4 show the AGI gap for personal dividend and personal interest income combined and the AGI gaps for each of these types of income.

Beginning with 1984, taxes have been withheld on taxable pension benefit payments unless the recipient elects not to have the tax withheld and on interest and dividends if the recipient fails to furnish a correct taxpayer identification number or has interest or dividends that were underreported on past returns.

Table 3.—The BEA and IRS Measures of AGI and the AGI Gap by Type of Income, 1959–99

[Billions of dollars]

Year	BEA-derived AGI	IRS AGI	AGI gap	Wage and salary disbursements	Proprietors' income		Rental income of persons	Personal dividend and personal interest income			Taxable pension and annuities	Taxable unemployment compensation	Taxable social security benefits
					Farm	Nonfarm		Total	Personal dividend income	Personal interest income			
1959	339.1	305.1	34.0	7.7	7.1	9.7	-0.1	7.9	0.8	7.1	1.7	0.0	0.0
1960	351.4	315.5	36.0	8.8	6.4	10.1	0.0	8.7	1.2	7.6	1.9	0.0	0.0
1961	365.8	329.9	36.0	7.5	5.6	11.5	0.4	8.9	1.2	7.7	2.1	0.0	0.0
1962	387.8	348.7	39.1	9.1	6.2	11.8	0.4	9.4	1.2	8.2	2.2	0.0	0.0
1963	409.2	368.8	40.4	8.3	7.0	12.6	0.7	9.4	1.3	8.1	2.4	0.0	0.0
1964	442.2	396.7	45.6	10.2	6.3	14.1	0.8	11.4	2.0	9.5	2.8	0.0	0.0
1965	479.8	429.2	50.6	11.7	7.1	14.2	1.2	13.3	2.3	11.0	3.2	0.0	0.0
1966	521.7	468.5	53.3	13.5	7.3	15.9	1.0	12.0	0.5	11.5	3.5	0.0	0.0
1967	555.4	504.8	50.6	11.0	5.7	16.6	0.9	12.4	0.5	11.9	4.0	0.0	0.0
1968	609.3	554.4	54.9	13.6	5.5	17.0	0.7	13.7	0.9	12.9	4.3	0.0	0.0
1969	663.3	603.5	59.7	12.4	7.7	18.7	0.7	15.2	0.7	14.5	5.0	0.0	0.0
1970	699.3	631.7	67.6	13.1	9.3	20.5	0.9	17.7	1.0	16.7	6.1	0.0	0.0
1971	744.8	673.6	71.2	13.3	8.3	23.7	0.8	18.3	1.4	16.9	7.1	0.0	0.0
1972	825.5	746.0	79.5	10.8	10.9	28.8	1.6	19.2	2.0	17.2	8.2	0.0	0.0
1973	926.1	827.1	99.0	16.4	16.7	32.2	1.5	23.5	3.4	20.1	8.6	0.0	0.0
1974	1,005.4	905.5	99.8	8.8	17.8	38.1	0.4	25.2	2.7	22.5	9.5	0.0	0.0
1975	1,048.0	947.8	100.2	13.6	12.6	42.2	0.1	21.1	1.0	20.0	10.7	0.0	0.0
1976	1,169.1	1,053.9	115.2	13.2	11.7	53.6	-0.4	25.3	3.8	21.5	11.8	0.0	0.0
1977	1,297.6	1,158.5	139.1	19.3	9.9	61.3	1.8	34.5	6.2	28.3	12.3	0.0	0.0
1978	1,469.6	1,302.4	167.1	24.7	13.0	73.5	2.2	38.9	7.3	31.6	14.9	0.0	0.0
1979	1,658.5	1,465.4	193.1	19.7	15.3	84.6	3.9	50.6	9.2	41.4	18.5	0.4	0.0
1980	1,831.6	1,613.7	217.9	21.3	19.6	89.2	7.1	56.5	12.5	44.1	23.4	0.8	0.0
1981	2,016.3	1,772.6	243.7	21.0	21.3	90.5	12.5	68.7	22.4	46.3	28.8	0.9	0.0
1982	2,094.7	1,852.1	242.6	16.5	17.5	95.5	15.5	62.1	18.4	43.7	33.5	2.0	0.0
1983	2,225.7	1,942.6	283.1	23.5	29.5	109.9	15.6	62.7	23.4	39.3	39.3	2.6	0.0
1984	2,473.3	2,139.9	333.4	27.5	28.8	141.4	19.9	62.7	28.9	33.7	47.2	1.3	4.6
1985	2,629.9	2,306.0	323.9	41.8	25.0	147.2	22.4	34.8	22.1	12.7	48.2	1.4	3.2
1986	2,848.3	2,481.7	366.6	55.1	29.5	147.2	19.5	45.3	19.7	25.6	65.7	1.2	3.1
1987	3,125.4	2,773.8	351.6	76.3	32.6	121.6	15.1	45.7	27.5	18.1	55.0	2.6	2.8
1988	3,415.8	3,083.0	332.8	80.0	36.6	122.9	8.3	37.9	23.1	14.8	42.4	1.9	2.8
1989	3,658.6	3,256.4	402.3	108.2	31.0	127.4	3.9	71.6	40.9	30.7	54.8	2.4	3.0
1990	3,813.2	3,405.4	407.8	112.8	28.4	134.4	4.4	67.4	42.0	25.4	54.3	2.8	3.0
1991	3,864.4	3,464.5	399.9	100.4	30.9	139.3	7.4	65.3	43.8	21.5	49.8	3.6	3.2
1992	4,108.3	3,629.1	479.2	127.3	32.4	165.1	12.0	72.9	32.7	40.2	56.6	8.3	4.5
1993	4,260.0	3,723.3	536.7	145.4	39.0	200.5	10.1	71.5	31.6	39.9	56.7	7.3	6.1
1994	4,485.7	3,907.5	578.2	154.3	28.5	223.5	12.7	84.0	50.5	33.5	63.4	3.9	8.0
1995	4,766.4	4,189.4	577.0	162.8	37.3	246.4	15.5	35.9	35.2	0.7	67.7	2.6	8.8
1996	5,151.6	4,536.0	615.6	188.0	32.1	278.1	13.4	24.5	45.4	-20.9	69.2	3.2	7.2
1997	5,594.3	4,970.0	624.3	208.6	30.6	292.9	12.0	0.2	48.4	-48.3	70.4	3.2	6.5
1998	6,123.7	5,416.0	707.7	242.2	26.8	314.3	11.5	36.6	46.5	-9.9	70.9	3.1	2.3
1999	6,526.3	5,851.6	674.7	219.5	26.6	368.7	11.7	-25.9	17.0	-42.9	70.3	3.1	0.7

AGI Adjusted gross income
BEA Bureau of Economic Analysis
IRS Internal Revenue Service

addenda item in table 4) increased from about 32 percent in 1959 to a high of 80 percent in 1984. It was 57 percent in 1999.

Sources of the Revision to the AGI Gap for 1998

Table 5 shows the revisions to personal income, reconciliation items, BEA-derived AGI, AGI of IRS, and the AGI gap for 1998. The AGI gap was revised up \$12.3 billion for 1998 (line 29), raising the relative AGI gap by 0.2 percentage point (line 31). An upward revision of \$29.8 billion to personal income that carried through to increase the AGI gap was partly offset by a downward revision of \$12.6 billion to reconciliation items unrelated to the revisions to personal income or to AGI and by a downward revision of \$5.0 billion to AGI that carried through to reduce the AGI gap.

The \$29.8 billion upward revision to personal income that carried through to the AGI gap

reflected a \$35.1 billion upward revision to total personal income (line 1) that was partly offset by a revision of \$5.3 billion to reconciliation items, mostly to other labor income (line 4).¹⁷ The \$5.3 billion revision to other labor income was mostly accounted for by revisions to employer contributions to pension and profit-sharing plans that reflected newly available data from IRS form 5500. Other offsetting revisions were small and included imputed income in personal income (line 5), part of differences in accounting treatment

17. Other large revisions to personal income for 1998 included a \$23.6 billion upward revision to personal interest income, primarily reflecting revised IRS tabulations of tax return data for corporations; a \$3.2 billion upward revision to rental income of persons with capital consumption adjustment (CCAdj), reflecting revised source data from the Federal Reserve Board and the U.S. Department of Agriculture; a \$3.0 billion upward revision to nonfarm proprietors' income with CCAdj, primarily reflecting revised IRS data; a \$2.1 billion upward revision to wage and salary disbursements, primarily reflecting revised BLS tabulations of wages and salaries of employees covered by State unemployment insurance; and a \$2.8 billion downward revision to personal dividend income, primarily reflecting revised IRS tabulations of corporate tax return data. See Moulton, Seskin, and Sullivan, "Annual Revision of the National Income and Product Accounts," 23.

Table 4.—The Relative AGI Gap by Type of Income, 1959–99
[Percent]

Year	Total	Wage and salary disbursements	Proprietors' income		Rental income of persons	Personal dividend and interest income			Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits	Addenda	
			Farm	Nonfarm		Total	Personal dividend income	Personal interest income				The sum of income items except wages, subject to the requirements for filing information returns ¹	The sum of income items not subject to the requirements for filing information returns ²
1959	10.0	3.0	68.9	25.6	-2.2	36.5	7.6	61.8	53.3	0.0	0.0	38.6	32.4
1960	10.2	3.3	66.1	27.1	1.0	37.4	10.8	60.0	54.1	0.0	0.0	39.6	32.7
1961	9.8	2.7	59.0	29.1	10.1	36.3	10.7	57.5	53.5	0.0	0.0	38.7	33.0
1962	10.1	3.1	61.5	28.4	9.3	34.5	10.3	53.3	48.5	0.0	0.0	36.5	33.1
1963	9.9	2.7	68.0	29.5	17.0	31.2	9.9	46.8	47.4	0.0	0.0	33.6	35.4
1964	10.3	3.0	66.6	30.1	19.0	34.1	14.1	48.3	47.2	0.0	0.0	36.1	35.1
1965	10.5	3.3	63.8	28.8	25.8	35.5	15.1	49.4	47.0	0.0	0.0	37.2	34.5
1966	10.2	3.4	60.6	30.2	21.6	30.7	3.4	46.6	44.0	0.0	0.0	32.9	34.9
1967	9.1	2.6	59.3	29.8	19.8	29.9	3.2	44.5	44.2	0.0	0.0	32.4	33.2
1968	9.0	2.9	59.2	28.6	15.9	30.0	5.5	43.4	41.8	0.0	0.0	32.2	31.6
1969	9.0	2.4	64.6	30.5	15.0	30.1	4.5	42.5	42.1	0.0	0.0	32.4	34.9
1970	9.7	2.4	73.0	32.9	19.0	31.9	6.2	43.1	43.5	0.0	0.0	34.2	38.5
1971	9.6	2.3	75.5	35.3	15.9	31.2	8.4	40.5	43.2	0.0	0.0	33.8	39.5
1972	9.6	1.7	69.1	38.6	25.2	30.2	10.6	38.5	42.8	0.0	0.0	33.2	42.7
1973	10.7	2.3	65.7	39.7	20.2	31.6	15.3	38.5	39.5	0.0	0.0	33.4	44.3
1974	9.9	1.1	73.8	43.2	6.4	29.5	11.5	36.3	36.2	0.0	0.0	31.0	47.3
1975	9.6	1.7	72.7	45.5	1.8	24.4	4.6	31.5	33.9	0.0	0.0	26.9	47.1
1976	9.9	1.5	72.2	48.6	-6.8	25.8	13.6	30.7	32.4	0.0	0.0	27.5	48.7
1977	10.7	2.0	89.7	49.1	21.8	29.7	18.7	34.1	29.6	0.0	0.0	29.7	50.6
1978	11.4	2.2	73.2	51.6	22.9	29.9	19.5	34.0	31.3	0.0	0.0	30.3	52.3
1979	11.6	1.6	83.9	54.7	37.0	32.0	21.6	35.9	33.1	30.7	0.0	32.3	56.5
1980	11.9	1.6	106.8	57.4	52.5	28.7	24.3	30.2	35.1	27.0	0.0	30.2	61.9
1981	12.1	1.4	156.2	62.5	69.6	27.8	32.7	26.0	35.7	27.3	0.0	29.8	70.4
1982	11.6	1.0	228.1	64.8	81.1	22.9	26.1	21.8	35.8	21.8	0.0	26.1	73.8
1983	12.7	1.4	146.4	64.5	97.1	23.7	32.5	20.4	36.0	27.1	0.0	27.3	75.0
1984	13.5	1.5	198.6	68.0	123.7	21.8	37.3	16.1	37.0	17.8	0.0	26.6	79.7
1985	12.3	2.1	202.5	66.2	134.2	12.8	28.6	6.5	33.6	17.6	25.0	20.1	77.4
1986	12.9	2.6	135.4	64.7	190.6	16.5	24.2	13.2	37.9	15.0	22.6	24.5	75.6
1987	11.2	3.4	102.0	51.9	139.4	16.2	29.2	9.7	30.6	17.2	18.1	21.6	61.1
1988	9.7	3.3	101.0	45.2	83.4	12.6	23.0	7.4	23.4	13.9	16.4	16.5	52.7
1989	11.0	4.2	96.2	44.3	51.2	19.2	33.4	12.2	27.1	16.8	14.6	21.6	49.6
1990	10.7	4.2	96.2	43.9	39.7	18.0	34.4	10.1	25.4	15.5	13.2	20.3	48.2
1991	10.3	3.6	105.0	44.6	47.9	18.5	36.2	9.3	22.0	13.5	13.1	19.4	49.7
1992	11.7	4.3	103.7	46.1	48.5	23.3	29.5	19.9	23.3	21.0	16.2	22.8	50.6
1993	12.6	4.8	107.7	50.4	37.4	25.3	28.4	23.3	22.6	21.0	19.9	23.7	54.2
1994	12.9	4.8	132.2	51.6	38.7	28.7	38.0	21.0	23.6	16.0	17.2	25.2	54.3
1995	12.1	4.8	125.5	53.2	41.6	12.6	27.1	0.5	23.4	11.9	16.2	17.7	56.4
1996	12.0	5.3	126.8	54.1	33.8	8.3	30.3	-14.4	22.5	14.3	12.0	15.2	55.9
1997	11.2	5.5	126.0	53.6	29.9	0.1	28.7	-39.1	21.3	15.5	9.5	11.3	55.0
1998	11.6	5.9	140.5	53.1	28.4	11.0	28.2	-5.9	20.2	15.5	3.3	14.6	54.1
1999	10.3	5.0	122.6	56.5	29.0	-9.6	11.6	-34.8	18.5	14.9	0.9	6.5	57.0

1. Consists of personal dividend income, personal interest income, taxable pensions, taxable unemployment compensation, and taxable social security benefits. These types of income have been subject to varying degrees of withholding since 1984.

2. Consists of farm proprietors' income, nonfarm proprietors' income, and rental income of persons.

Note.—The relative AGI gap is the AGI gap as a percentage of the BEA-derived AGI and is shown in line 31 of tables 1 and 2.

AGI Adjusted gross income

BEA Bureau of Economic Analysis

between NIPA's and tax regulations (line 8), part of other personal income exempt or excluded from AGI (line 9), and personal contributions for social insurance (line 11).

Reconciliation items unrelated to personal income or to AGI were revised down \$12.6 billion. Other things being equal, revisions to the unrelated reconciliation items are all carried through to the BEA-derived AGI and the AGI gap.¹⁸

BEA-derived AGI was revised up \$38.9 billion (line 22), reflecting the upward revisions of \$29.8 billion to personal income that were carried to the BEA-derived AGI, the downward revision of \$12.6 billion to the unrelated reconciliation items, and an upward revision of \$21.7 billion to AGI components (part of line 9 and lines 12, 14, 15) that are added to personal income in the derivation of the BEA-derived AGI. (As explained below, the \$21.7 billion upward revisions to AGI components did not affect the AGI gap, because the revisions were also reflected in the AGI of IRS (line 23).)

The downward revision of \$5.0 billion to AGI that carried through to the AGI gap reflected a \$26.7 billion upward revision to total AGI (line 23), reflecting the replacement of preliminary tabulations with final tabulations, that was largely

18. The reconciliation items shown in lines 3, 6, 7, and 9 are components of personal income, but they are derived in aggregate in the estimation of personal income; similarly, several reconciliation items included in line 15 are components of AGI, but they are also derived in aggregate in the estimation of AGI. Separate estimates of these reconciliation items are prepared only for reconciliation purposes. Thus, revisions to the separately estimated reconciliation items are unrelated to the revisions to personal income or to AGI, so they are carried through to the AGI gap.

offset by a downward revision of \$21.7 billion to the AGI components that are added to personal income to derive BEA AGI.

The \$21.7 billion offsetting revisions to total AGI reflected an upward revision of \$30.3 billion to gains, net of losses, from sale of property (line 12), an upward revision of \$6.8 billion to small business corporation income (line 14), and a downward revision of \$15.4 billion to other AGI components (line 15 and part of line 9).

Table 5.—Sources of Revision to the AGI Gap, 1998
[Billions of dollars]

Line ¹		1998
1	Personal income.....	35.1
2	Less: Portion of personal income not included in adjusted gross income.....	16.0
3	Nontaxable transfer payments.....	7.0
4	Other labor income except fees.....	5.3
5	Imputed income in personal income.....	-0.2
6	Investment income of life insurance carriers and pension plans.....	-7.8
7	Investment income received by nonprofit institutions or retained by fiduciaries.....	5.7
8	Differences in accounting treatment between NIPA's and tax regulations, net.....	6.9
9	Other personal income exempt or excluded from adjusted gross income.....	-0.9
10	Plus: Portion of adjusted gross income not included in personal income.....	19.9
11	Personal contributions for social insurance.....	0.1
12	Gains, net of losses, from sale of property.....	30.3
13	Taxable pensions.....	-3.7
14	Small business corporation income.....	6.8
15	Other types of income.....	-13.7
22	Equals: BEA-derived adjusted gross income.....	38.9
23	Adjusted gross income of IRS.....	26.7
29	Adjusted gross income (AGI) gap.....	12.3
31	Relative AGI gap (percent).....	0.2

1. Line numbers in this table correspond to those in table 1.
AGI Adjusted gross income
BEA Bureau of Economic Analysis
IRS Internal Revenue Service
NIPA's National income and product accounts

Gross Domestic Product by Industry for 1998–2000

By *Sherlene K.S. Lum and Brian C. Moyer*

THE Bureau of Economic Analysis has released new estimates of gross domestic product (GDP) by industry for 2000 and revised estimates for 1998–99.¹ The estimates incorporate the results of this year's annual revision of the national income and product accounts (NIPAs) and newly available source data.² The GDP-by-industry estimates are value-added measures that are based on the NIPA components of gross domestic income (see the box "Gross Domestic Product by Industry: Definition and Relationship to Gross Domestic Product and Other Measures of Output").

1. For the previously published estimates, see Sherlene K.S. Lum and Brian C. Moyer, "Gross Domestic Product by Industry for 1997–99," *SURVEY OF CURRENT BUSINESS* 80 (December 2000): 24–35.

2. For more information, see Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," *SURVEY* 81 (August 2001): 7–32.

Highlights include the following.

- Real GDP growth for private industries, which generate about 88 percent of current-dollar GDP, slowed to 4.1 percent in 2000 from 4.8 percent in 1999.

- Strong real GDP growth for industries related to information technology boosted real GDP growth in 2000. Information technology-related industries grew at double-digit rates in 2000, more than twice the growth rate in real GDP.

- Real GDP growth of private goods-producing industries decelerated from 5.4 percent in 1999 to 2.9 percent in 2000.³ Rapidly rising prices for petroleum-related products contributed to the deceleration.

3. Private-goods producing industries consist of agriculture, forestry, and fishing; mining; construction; and manufacturing.

Gross Domestic Product by Industry: Definition and Relationship to Gross Domestic Product and Other Measures of Output

The Bureau of Economic Analysis (BEA) prepares several different, but related, measures of output. These measures include gross domestic product (GDP), gross domestic income (GDI), GDP by industry, gross output by industry, gross output from the input-output accounts, and gross state product (GSP).

Current-dollar GDP by industry, or gross product originating, is the contribution of each private industry and government to the Nation's GDP. It is the industry's value added, which is equal to its gross output (which consists of sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (which consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources). It is measured as the sum of distributions by industry of the components of GDI that are attributable to labor and property in the United States. The industry's gross output is benchmarked to the output estimates of the input-output accounts.

In the national income and product accounts (NIPAs), GDP is measured as the sum of the expenditure components and is benchmarked to the input-output accounts. GDI measures output as the sum of the costs incurred and the incomes earned in the production of GDP. In concept, GDP and GDI should be equal; in practice, they differ because their components are estimated using largely independent source data. The difference between GDP and GDI is the "statistical discrepancy," which is recorded in the NIPAs as an "income" component that reconciles GDI with

GDP. BEA views GDP as the more reliable measure of output, because the source data underlying the estimates of expenditures are considered to be more accurate.¹

Because the estimates of current-dollar GDP by industry are computed using the components of GDI, the sum of the GDP-by-industry estimates also differs from current-dollar GDP by the statistical discrepancy. Thus, for the sum of GDP by industry to be equivalent to GDP, the statistical discrepancy must be included as an industry. The statistical discrepancy is included in private industries because in BEA's view, most of the measurement problems with the components of GDI affect private industries rather than general government or government enterprises.

GSP is derived as the sum of the GSP originating in all industries in a State and is the State counterpart of the Nation's GDP. GSP differs from GDP because like GDP by industry, it is measured as the sum of the distributions by industry of the components of GDI, but unlike GDP by industry, the statistical discrepancy is not included in the total and the compensation of Federal civilian and military personal as well as military structures and equipment located abroad are excluded.²

1. See the box "The Statistical Discrepancy," *SURVEY OF CURRENT BUSINESS* 77 (August 1997): 19; and "Note on Alternative Measures of Gross Product by Industry," *SURVEY* 77 (November 1997): 84–85.

2. For further information, see the box "Gross State Product Estimates," in Richard M. Beemiller and George K. Downey, "Gross State Product by Industry, 1992–99," *SURVEY* 81 (August 2001): 159.

• In 2000, private services-producing industries contributed 3.5 percentage points to the 4.1-percent growth in real GDP.⁴ The largest contributors were services and finance, insurance, and real estate.

• Private services-producing industries' share of current-dollar GDP increased to 65.8 percent in 2000 from 63.2 percent in 1997, continuing its long-term uptrend.

This article is presented in four parts. The first part discusses the relative performance of industries in terms of real growth rates, contributions to real growth, industry shares of current-dollar GDP, and the composition of current-dollar GDP by industry. The second part discusses the prices of GDP by industry, contributions to price change, and unit costs. The third part discusses the revisions to the estimates. The fourth part describes the changes to the methodology and presentation. The detailed GDP-by-industry estimates for 1997–2000 are presented in tables 1–14 at the end of the article (see also the box “Data Availability” on page 24).

Industry Growth, Contributions to Real Growth, Shares, and Composition

The relative performance of particular industries or industry groups can be assessed by examining their real growth rates, their contributions to real GDP growth, their shares of current-dollar GDP,

and the composition of current-dollar GDP by industry. The growth rate in an industry's real GDP by industry indicates whether the industry is growing faster or slower than the U.S. economy. An industry's contribution to real GDP growth indicates the extent to which the industry is affecting the growth of real GDP. Changes in an industry's share of current-dollar GDP indicate whether the industry's use of the economy's resources is increasing or decreasing. Changes in the composition of an industry's current-dollar GDP indicate whether the labor and capital shares for the industry are changing.

Real GDP-by-industry growth rates

In 1997–2000, real GDP increased at an average annual rate of 4.2 percent; private industries increased 4.6 percent, and government increased 1.6 percent (table A). Within the private industries group, goods-producing industries increased 4.2 percent, and services-producing industries increased 5.6 percent. All the private industry groups except mining and nondurable-goods manufacturing increased.

In both 1999 and 2000, real GDP increased 4.1 percent. In 1999, private industries increased 4.8 percent, and government increased 1.3 percent. In 2000, private industries increased 4.1 percent, and government increased 2.3 percent. All the private industry groups except mining either increased or

4. Private services-producing industries consist of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

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Table A.—Percent Changes in Real Gross Domestic Product by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Gross domestic product	4.3	4.1	4.1	4.2
Private industries	4.7	4.8	4.1	4.6
Private goods-producing industries	4.4	5.4	2.9	4.2
Agriculture, forestry, and fishing	1.3	5.5	8.4	5.0
Mining	2.4	-6.5	-15.0	-6.6
Construction	7.5	6.0	2.5	5.3
Manufacturing	4.1	6.1	4.1	4.8
Durable goods	9.8	8.1	7.1	8.3
Nondurable goods	-3.3	3.3	-0.0	-0.0
Private services-producing industries	6.0	5.3	5.4	5.6
Transportation and public utilities	2.1	7.9	6.0	5.3
Transportation	3.6	4.1	4.7	4.1
Communications	6.2	10.9	10.7	9.2
Electric, gas, and sanitary services	-4.1	9.9	2.3	2.6
Wholesale trade	13.6	3.8	2.8	6.6
Retail trade	7.3	5.5	7.3	6.7
Finance, insurance, and real estate	6.7	5.6	5.6	6.0
Services	4.1	4.5	5.1	4.5
Government	1.1	1.3	2.3	1.6

were unchanged in both years. Private goods-producing industries increased 5.4 percent in 1999 and 2.9 percent in 2000, and private services-producing industries increased 5.3 percent in 1999 and 5.4 percent in 2000.

The deceleration of 2.5 percentage points in private goods-producing industries resulted from decelerations in mining (8.5 percentage points), in construction (3.5 percentage points), and in manufacturing (2.0 percentage points). Within mining, the oil and gas extraction industry decelerated 9.8 percentage points; within nondurable-goods manufacturing, the petroleum and coal products industry decelerated 56.0 percentage points, partly reflecting rapidly rising prices for these industries' petroleum-related outputs and inputs (table 5A).

Despite the deceleration in private goods-producing industries, real growth in durable-goods manufacturing remained strong—8.1 percent in 1999 and 7.1 percent in 2000. Within durable-goods manufacturing, growth was exceptionally strong for the information technology (IT)-related industries. Industrial machinery and equipment (including computers) increased 9.5 percent in 1999 and 10.1 percent in 2000, and electronic and other electric equipment increased 21.3 percent in 1999 and 28.1 percent in 2000.

In addition, real growth rates for gross output and intermediate inputs by industry can be used to provide a more comprehensive picture of industry output. The growth rate of real gross output for an industry can be decomposed into the real growth rates of its primary factors of production (its value-added inputs—labor and capital) and its secondary factors of production (its intermediate inputs—including energy, raw materials, semifinished goods, and services—that are purchased from domestic industries and from foreign sources). For example, real gross output for manufacturing grew 3.7 percent in 2000 as a result of a 4.1-percent growth in real value added from labor and capital inputs (real GDP by industry) and of a 3.5-percent growth in real intermediate inputs (table B) (for more information, see the box, "Using the GDP-by-Industry Accounts Estimates" on page 22).

Contributions to real GDP growth

An industry's contribution to real GDP growth depends on both its real growth rate and its relative size.⁵ In 1997–2000, private goods-producing industries contributed 1.0 percentage point to the 4.2-percent average annual growth rate of real

GDP, and private services-producing industries contributed 3.6 percentage points (table C).

In both 1999 and 2000, real GDP increased 4.1 percent. Private goods-producing industries contributed 1.3 percentage points in 1999 and 0.7 percentage point in 2000; private services-producing industries contributed 3.4 percentage points in

5. See the box "Using Chained-Dollar Estimates for Computing Contributions to Economic Growth: A Cautionary Note" in Sherlene K.S. Lum and Brian C. Moyer, "Gross Product by Industry, 1995–97," SURVEY 78 (November 1998): 24–25.

Table B.—Percent Changes in Chain-Type Quantity Indexes by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Gross domestic product	4.3	4.1	4.1	4.2
Private industries:				
Gross output	5.0	4.9	4.8	4.9
Intermediate inputs	4.4	4.4	4.9	4.5
Gross domestic product by industry ¹	4.7	4.8	4.1	4.6
Private goods-producing industries:				
Gross output	4.0	4.0	3.3	3.8
Intermediate inputs	3.7	3.0	3.6	3.4
Gross domestic product by industry	4.4	5.4	2.9	4.2
Agriculture, forestry, and fishing:				
Gross output	1.8	3.2	1.8	2.3
Intermediate inputs	2.3	1.4	-3.5	0.0
Gross domestic product by industry	1.3	5.5	8.4	5.0
Mining:				
Gross output	-2.3	-4.7	2.9	-1.4
Intermediate inputs	-9.0	-2.0	31.3	5.4
Gross domestic product by industry	2.4	-6.5	-15.0	-6.6
Construction:				
Gross output	2.0	4.7	1.6	2.8
Intermediate inputs	-5.1	2.6	0.2	-0.8
Gross domestic product by industry	7.5	6.0	2.5	5.3
Manufacturing:				
Gross output	4.7	4.3	3.7	4.3
Intermediate inputs	5.1	3.3	3.5	4.0
Gross domestic product by industry	4.1	6.1	4.1	4.8
Durable goods:				
Gross output	7.6	6.9	6.7	7.1
Intermediate inputs	6.3	6.2	6.5	6.3
Gross domestic product by industry	9.8	8.1	7.1	8.3
Nondurable goods:				
Gross output	1.3	1.1	0.1	0.8
Intermediate inputs	3.7	-0.0	0.1	1.3
Gross domestic product by industry	-3.3	3.3	-0.0	-0.0
Private services-producing industries:				
Gross output	5.7	5.4	5.6	5.6
Intermediate inputs	5.0	5.6	6.0	5.5
Gross domestic product by industry	6.0	5.3	5.4	5.6
Transportation and public utilities:				
Gross output	5.5	6.0	4.7	5.4
Intermediate inputs	9.8	3.6	3.1	5.5
Gross domestic product by industry	2.1	7.9	6.0	5.3
Wholesale trade:				
Gross output	6.5	7.0	5.1	6.2
Intermediate inputs	-8.5	14.9	10.4	5.1
Gross domestic product by industry	13.6	3.8	2.8	6.6
Retail trade:				
Gross output	6.0	6.6	6.5	6.4
Intermediate inputs	3.5	8.8	5.0	5.7
Gross domestic product by industry	7.3	5.5	7.3	6.7
Finance, insurance, and real estate:				
Gross output	4.1	4.9	6.5	5.2
Intermediate inputs	-0.3	3.6	8.2	3.8
Gross domestic product by industry	6.7	5.6	5.6	6.0
Services:				
Gross output	6.8	4.7	5.1	5.5
Intermediate inputs	11.3	5.1	5.2	7.2
Gross domestic product by industry	4.1	4.5	5.1	4.5
Government:				
Gross output	1.5	1.4	2.1	1.7
Intermediate inputs	6.4	3.2	-1.2	2.7
Gross domestic product by industry	1.1	1.3	2.3	1.6

1. Includes the statistical discrepancy. The statistical discrepancy does not apply to gross output or to intermediate inputs. As a result, the gross output index may not be bounded by the indexes for intermediate inputs and gross domestic product by industry.

1999 and 3.5 percentage points in 2000. The smaller contribution by the private goods-producing industries in 2000 resulted from decreases in the contributions by mining (0.1 percentage point), by construction (0.2 percentage point), and by manufacturing (0.3 percentage point). The largest contributors in 2000—at 1.1 percentage points each—were services and finance, insurance, and real estate (FIRE). The contributions by durable-goods manufacturing were also strong—0.8 percentage point in 1999 and 0.7 percentage point in 2000—partly reflecting the strong growth in IT-related industries.

Shares of current-dollar GDP

An industry's share of current-dollar GDP is a good indicator of the industry's relative size in the economy.⁶ In 1997–2000, the share of current-dollar GDP accounted for by private services-producing industries rose, while the shares accounted for by private goods-producing industries and by government declined (tables D and 2). The share of private services-producing industries increased from 63.2 percent in 1997 to 65.8 percent in 2000,

6. It is a better indicator of the industry's relative size in the economy than the industry's share of real GDP, because the shares of real GDP depend on the choice of the reference year. The shares of current-dollar GDP can also be used to examine long-term trends in relative size, because these shares do not become distorted for years that are far from the reference year.

Table C.—Contributions to Percent Change in Real Gross Domestic Product by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Percent change:				
Gross domestic product.....	4.3	4.1	4.1	4.2
Percentage points:				
Private industries.....	4.1	4.2	3.6	4.0
Private goods-producing industries.....	1.0	1.3	0.7	1.0
Agriculture, forestry, and fishing.....	0.0	0.1	0.1	0.1
Mining.....	0.0	-0.1	-0.2	-0.1
Construction.....	0.3	0.3	0.1	0.2
Manufacturing.....	0.7	1.0	0.7	0.8
Durable goods.....	0.9	0.8	0.7	0.8
Nondurable goods.....	-0.2	0.2	-0.0	-0.0
Private services-producing industries.....	3.8	3.4	3.5	3.6
Transportation and public utilities.....	0.2	0.7	0.5	0.4
Transportation.....	0.1	0.1	0.2	0.1
Communications.....	0.2	0.3	0.3	0.3
Electric, gas, and sanitary services.....	-0.1	0.2	0.1	0.1
Wholesale trade.....	0.9	0.3	0.2	0.5
Retail trade.....	0.7	0.5	0.7	0.6
Finance, insurance, and real estate.....	1.3	1.1	1.1	1.1
Services.....	0.8	0.9	1.1	1.0
Government.....	0.1	0.2	0.3	0.2

NOTE.—For information on the calculation of the contributions to percent change, see footnote 5 in the text. Percentage-point contributions do not sum to the percent change in gross domestic product or to the percentage-point contribution for private industries, because the contributions of the statistical discrepancy and of "not allocated by industry" are excluded (see table 6 for the detailed estimates of real gross domestic product by industry).

the share of private goods-producing industries decreased from 23.6 percent to 23.2 percent, and the share of government fell from 12.8 percent to 12.3 percent. The increase in the share of private services-producing industries was mostly accounted for by services and FIRE. The share of services rose 1.6 percentage points with business services increasing the most (1.0 percentage point), and the share of FIRE rose 0.7 percentage point with depository institutions increasing the most (0.4 percentage point). The shares of all goods-producing industry groups except construction decreased. The decrease in share of government was accounted for by both Federal Government and State and local governments: The Federal Government share decreased 0.4 percentage point, and the State and local government share decreased 0.1 percentage point.

Composition of current-dollar GDP by industry

The changes over time in an industry's share of labor and capital reflect differences in the growth rates of the components of current-dollar GDP by industry—compensation of employees, indirect business tax and nontax liability, and property-type income.⁷ For the total economy, the share of GDP accounted for by labor increased from 56.0 percent in 1997 to 57.9 percent in 2000, while the share accounted for by capital decreased from 35.9 percent to 35.7 percent (table 4).⁸ In 1997–2000, the labor shares of private goods-pro-

Table D.—Gross Domestic Product by Industry Group in Current Dollars as a Percentage of Gross Domestic Product [Percent]

	1997	1998	1999	2000
Gross domestic product.....	100.0	100.0	100.0	100.0
Private industries.....	87.2	87.4	87.6	87.7
Private goods-producing industries.....	23.6	23.2	23.2	23.2
Agriculture, forestry, and fishing.....	1.6	1.5	1.4	1.4
Mining.....	1.4	1.1	1.1	1.3
Construction.....	4.1	4.3	4.6	4.7
Manufacturing.....	16.6	16.3	16.1	15.9
Durable goods.....	9.5	9.5	9.3	9.1
Nondurable goods.....	7.1	6.8	6.8	6.7
Private services-producing industries.....	63.2	64.6	65.1	65.8
Transportation and public utilities.....	8.3	8.3	8.4	8.4
Transportation.....	3.1	3.3	3.3	3.2
Communications.....	2.7	2.7	2.8	2.8
Electric, gas, and sanitary services.....	2.5	2.3	2.3	2.3
Wholesale trade.....	6.8	6.9	6.8	6.8
Retail trade.....	8.9	9.0	9.0	9.1
Finance, insurance, and real estate.....	18.9	19.5	19.5	19.6
Services.....	20.3	20.8	21.4	21.9
Statistical discrepancy ¹	0.4	-0.4	-0.8	-1.3
Government.....	12.8	12.6	12.4	12.3

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

ducing and private services-producing industries increased—1.1 percentage points and 1.6 percentage points, respectively—and the capital shares of private goods-producing and services-producing industries decreased—1.2 percentage points and 1.1 percentage points, respectively.

For manufacturing, the labor share increased 0.7 percentage point in 1997–2000 while the capital share decreased 1.2 percentage points. The increase in labor share and the decrease in capital share can be largely attributed to durable-goods manufacturing, which accounts for nearly three-fifths of manufacturing output; its labor share increased 2.3 percentage points, and its capital share decreased 2.5 percentage points.

Industry Prices, Contributions to Price Change, and Unit Costs

The growth rate in an industry's price index indicates whether its prices are growing faster or slower than overall prices in the economy. An industry's contribution to GDP price change indicates the extent to which the industry is affecting overall prices. Changes in an industry's unit costs indicate the extent to which the cost structure of the industry is changing.

GDP-by-industry prices

The price index for GDP by industry for an industry or an industry group represents the price of the industry's primary factors of production (the value-added inputs of labor and capital). In 1997–2000, the GDP price index grew at an average annual rate of 1.6 percent; the price index for private industries grew 1.4 percent, and the price index for government grew 2.9 percent (table E). The growth in the price index for private services-producing industries, at 1.6 percent, exceeded the growth in the price index for private goods-producing industries, at 1.0 percent.

The growth in the GDP price index accelerated 0.9 percentage point from 1.4 percent in 1999 to

2.3 percent in 2000; the growth in the price index for private goods-producing industries accelerated 3.4 percentage points, and that for private services-producing industries accelerated 0.9 percentage point. The large acceleration for private goods-producing industries partly resulted from accelerations in mining (34.6 percentage points) and in nondurable-goods manufacturing (3.7 percentage points). Within mining, the growth in the price index for oil and gas extraction accelerated

Table E.—Percent Changes in Chain-Type Price Indexes by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Gross domestic product	1.2	1.4	2.3	1.6
Private industries:				
Gross output	-0.3	1.0	2.9	1.2
Intermediate inputs	-1.8	1.1	3.4	0.9
Gross domestic product by industry ¹	1.1	0.8	2.4	1.4
Private goods-producing industries:				
Gross output	-2.7	0.3	3.5	0.3
Intermediate inputs	-4.1	0.4	3.6	-0.1
Gross domestic product by industry	-0.6	0.1	3.5	1.0
Agriculture, forestry, and fishing:				
Gross output	-4.1	-3.0	2.2	-1.7
Intermediate inputs	-5.2	-0.7	5.6	-0.2
Gross domestic product by industry	-2.8	-5.8	-1.6	-3.4
Mining:				
Gross output	-14.5	8.6	37.7	8.6
Intermediate inputs	-9.4	6.3	29.5	7.6
Gross domestic product by industry	-17.6	10.2	44.8	9.5
Construction:				
Gross output	3.0	3.9	4.5	3.8
Intermediate inputs	0.6	1.6	1.5	1.2
Gross domestic product by industry	4.8	5.4	6.3	5.5
Manufacturing:				
Gross output	-3.0	-0.4	2.0	-0.5
Intermediate inputs	-4.4	0.2	2.9	-0.5
Gross domestic product by industry	-0.3	-1.4	0.6	-0.4
Durable goods:				
Gross output	-3.6	-2.4	-1.9	-2.6
Intermediate inputs	-3.1	-1.6	-1.3	-2.0
Gross domestic product by industry	-4.4	-3.6	-2.8	-3.6
Nondurable goods:				
Gross output	-2.1	2.1	7.2	2.3
Intermediate inputs	-5.8	2.3	8.2	1.4
Gross domestic product by industry	5.6	1.7	5.4	4.2
Private services-producing industries:				
Gross output	1.2	1.3	2.5	1.7
Intermediate inputs	0.4	1.7	3.3	1.8
Gross domestic product by industry	1.7	1.1	2.0	1.6
Transportation and public utilities:				
Gross output	0.5	0.3	3.8	1.5
Intermediate inputs	-3.8	2.8	8.5	2.4
Gross domestic product by industry	4.1	-1.7	0.2	0.8
Wholesale trade:				
Gross output	-4.2	0.4	2.8	-0.4
Intermediate inputs	-1.0	0.7	1.2	0.3
Gross domestic product by industry	-5.6	0.4	3.5	-0.6
Retail trade:				
Gross output	-0.1	0.8	0.8	0.5
Intermediate inputs	0.8	1.9	3.0	1.9
Gross domestic product by industry	-0.6	0.2	-0.3	-0.2
Finance, insurance, and real estate:				
Gross output	2.5	0.8	1.5	1.6
Intermediate inputs	3.5	1.8	2.1	2.4
Gross domestic product by industry	2.0	0.3	1.3	1.2
Services:				
Gross output	2.5	2.7	3.4	2.9
Intermediate inputs	0.1	1.3	2.3	1.3
Gross domestic product by industry	3.9	3.6	4.0	3.8
Government:				
Gross output	2.2	3.1	3.4	2.9
Intermediate inputs	-1.2	2.9	6.5	2.7
Gross domestic product by industry	2.4	3.1	3.2	2.9

1. Includes the statistical discrepancy. The statistical discrepancy does not apply to gross output or to intermediate inputs. As a result, the gross output index may not be bounded by the indexes for intermediate inputs and gross domestic product by industry.

7. The labor share of production is approximated using compensation of employees, which consists of wage and salary accruals, employer contributions for social insurance, and other labor income. The capital share of production is approximated using property-type income, which consists of corporate profits and proprietors' income, inventory valuation adjustments, rental income of persons, net interest, private capital consumption allowances, business transfer payments, the current surplus of government enterprises less subsidies, and government consumption of fixed capital. Proprietors' income is included in property-type income as a capital share of production; but an unknown portion of proprietors' income represents a labor share of production. Indirect business tax and nontax liability (primarily sales, property, and excise taxes) is not included in property-type income, because it is the part of the pretax return to capital that accrues to government rather than to business.

8. For some purposes, using the shares of gross output is preferable to using the shares of GDP by industry. The shares of GDP by industry are larger than those of gross output, because gross output also includes intermediate inputs.

47.0 percentage points. Within nondurable-goods manufacturing, the growth in the price index for petroleum and coal products accelerated 90.8 percentage points, partly reflecting rapidly rising prices for petroleum-related products (table 7A).

Despite the increase in the price index for private goods-producing industries, the price index for durable-goods manufacturing continued to decrease—3.6 percent in 1999 and 2.8 percent in 2000. Within durable-goods manufacturing, the decreases reflected decreases in industries related to IT; the price index for industrial machinery and equipment decreased 9.4 percent in 1999 and 3.2 percent in 2000; the price index for electronic and

other electric equipment decreased 14.3 percent in 1999 and 14.5 percent in 2000.

The growth rates in GDP-by-industry prices can be used in combination with the growth rates in intermediate inputs prices to decompose the growth rate in an industry's gross output prices. For example, the price index for manufacturing gross output grew 2.0 percent in 2000 as a result of a 0.6-percent growth in the price index for GDP by industry and a 2.9-percent growth in the price index for intermediate inputs (for more information, see the box, "Using the GDP-by-Industry Accounts Estimates").

Using the GDP-by-Industry Accounts Estimates

The gross domestic product (GDP) by industry accounts provide estimates of quantity and price change for GDP by industry—that is, value added by industry—and for gross output by industry and for intermediate inputs by industry. These estimates in combination with the current-dollar estimates can be used to decompose an industry's real output and price growth.

Industry output is produced using primary and secondary factors of production: Primary factors of production consist of the value-added inputs of labor and capital; secondary factors of production consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources. Output growth is measured as the percent change in an industry's chain-type quantity index for gross output. The use of primary factors of production is measured as the percent change in the chain-type quantity index for GDP by industry, and the use of secondary factors of production is measured as the percent change in the quantity index for intermediate inputs by industry.¹ The relative importance of the primary and secondary factors in producing output depends on their relative sizes—that is, on the current-dollar levels of GDP by industry and of intermediate inputs by industry relative to the current-dollar level of gross output by industry.

For example, decomposing the output growth in the industrial machinery and equipment industry (which includes the computer industry) demonstrates that a large portion of the growth in real gross output for this industry resulted from the growth in its real intermediate inputs. In 2000, the gross output quantity index for this industry increased 15.1 percent as a result of a 10.1-percent growth rate in the quantity index for GDP by industry (the primary factors of production) and a 18.3-percent growth rate in the quantity index for intermediate inputs (the secondary factors of production) (see exhibit 1). The growth rate in gross output is closer to the growth rate in intermediate

inputs to current-dollar gross output (61.4 percent) is larger than the ratio of current-dollar GDP by industry to current-dollar gross output (38.6 percent)—that is, this industry has a high current-dollar input-output ratio. To a large extent, this industry's real gross output growth reflected increases in its production of computers, and its real intermediate inputs growth reflected increases in its use of semiconductors.

Similarly, decomposing the growth rate in the gross output chain-type price index for the industrial machinery and equipment industry demonstrates the importance of the growth in its intermediate inputs price index. The gross output price index for the industrial machinery and equipment industry decreased 3.4 percent in 2000 as a result of a 3.2-percent decrease in its GDP-by-industry price index and a 3.5-percent decrease in its intermediate inputs price index. The relative importance of the prices of intermediate inputs reflects the industry's high current-dollar input-output ratio. The decrease in its gross output price index partly reflected falling prices for computers, and the decrease in the intermediate inputs price index partly reflected falling prices for semiconductors.

Together, these quantity and price decompositions for the industrial machinery and equipment industry provide further insight into the industry's real gross output growth. The 15.1-percent growth rate in real gross output primarily reflected an 18.3-percent increase in real intermediate inputs, which in turn, partly reflected a 3.5-percent decrease in the price for intermediate inputs. To a large extent, the decrease in the price for intermediate inputs reflected falling prices for semiconductors.

Exhibit 1.—Industrial Machinery and Equipment, 1999–2000

	Percent change		Current-dollar share of gross output
	Quantity index	Price index	
Gross output.....	15.1	-3.4	100.0
GDP by industry.....	10.1	-3.2	38.6
Intermediate inputs.....	18.3	-3.5	61.4

1. For more information, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries," SURVEY OF CURRENT BUSINESS 76 (August 1996): 142.

NOTE.—Current-dollar shares of gross output are computed as average shares for 1999 and 2000. The growth rates in gross output are not simple averages of the growth rates in GDP by industry and in intermediate inputs, because the Fisher index-number formula is used in the double-deflation procedure.

Contributions to GDP price change

An industry's contribution to the growth in GDP prices depends on both the growth rate of its price index and its relative size.⁹ In 1997–2000, services was the largest contributor—at 0.8 percentage point—to the 1.6-percent average annual growth rate in the GDP price index (table F).

The GDP price index increased 1.4 percent in 1999 and 2.3 percent in 2000. Private goods-producing industries contributed 0.0 percentage point in 1999 and 0.8 percentage point in 2000. The increase in contributions by the private goods-producing industries in 2000 partly resulted from increases in contributions by mining (up 0.4 percentage point) and by nondurable-goods manufacturing (up 0.3 percentage point). In both 1999 and 2000, the contribution by durable-goods manufacturing was –0.3 percentage point, partly reflecting the declining prices for IT-related products, such as computers, digital telephone switching equipment, semiconductors, and local area network (LAN) equipment.

9. For price calculations, the procedures used to compute contributions to real GDP growth were modified to replace the chain-type quantity index with the chain-type price index.

Table F.—Contributions to Percent Change in the Chain-Type Price Index for Gross Domestic Product by Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Percent change:				
Gross domestic product.....	1.2	1.4	2.3	1.6
Percentage points:				
Private industries.....	0.9	0.7	2.1	1.3
Private goods-producing industries.....	–0.2	0.0	0.8	0.2
Agriculture, forestry, and fishing.....	–0.0	–0.1	–0.0	–0.0
Mining.....	–0.3	0.1	0.5	0.1
Construction.....	0.2	0.2	0.3	0.2
Manufacturing.....	–0.1	–0.2	0.1	–0.1
Durable goods.....	–0.4	–0.3	–0.3	–0.3
Nondurable goods.....	0.4	0.1	0.4	0.3
Private services-producing industries.....	1.1	0.7	1.3	1.0
Transportation and public utilities.....	0.3	–0.1	0.0	0.1
Transportation.....	0.2	0.0	–0.0	0.1
Communications.....	0.0	–0.1	–0.0	–0.0
Electric, gas, and sanitary services.....	0.1	–0.1	0.1	0.0
Wholesale trade.....	–0.4	0.0	0.2	–0.0
Retail trade.....	–0.0	0.0	–0.0	–0.0
Finance, insurance, and real estate.....	0.4	0.1	0.2	0.2
Services.....	0.8	0.8	0.9	0.8
Government.....	0.3	0.4	0.4	0.4

NOTE.—For information on the calculation of the contributions to percent change, see footnote 9 in the text. Percentage-point contributions do not sum to the percent change in gross domestic product or to the percentage-point contribution for private industries, because the contributions of the statistical discrepancy and of “not allocated by industry” are excluded.

Unit costs

The price index for GDP by industry for an industry represents the price of its primary factors of production, so an industry's price index, in combination with its current-dollar components of GDP by industry, can be used to assess each component's contribution to total industry labor and capital costs.¹⁰

The measures of unit costs are computed by dividing current-dollar GDP by industry and its components by real (chained-dollar) GDP by industry.¹¹ The resulting quotients are the GDP-by-industry implicit price index and the part of the price index that is associated with each component.¹² Unit-cost measures by private industry group are presented in table 14. If the percent change in the unit cost for a component is greater than the percent change in the GDP-by-industry price index, the relative importance of that component in the industry cost structure has increased.

The total cost per unit for private industries increased 1.4 percent in 1997–2000 (table G). Unit costs for compensation of employees (unit labor costs) increased 2.3 percent. Unit costs for property-type income increased 0.5 percent, and unit costs for indirect business tax and nontax liability increased 0.4 percent. The larger increase in unit labor costs indicates that labor costs became a larger part of total unit costs during the period.

In 1997–2000, unit labor costs declined in durable-goods manufacturing and retail trade, and they increased in all the other private industry groups. In agriculture, forestry, and fishing, in transportation and public utilities, in wholesale trade, in FIRE, and in services, the increases in unit labor costs were larger than the increases in total unit costs.

Revisions to the Estimates of GDP by Industry

The revisions to the GDP-by-industry estimates for 1998–99 reflect the revisions to the annual NIPA estimates and the incorporation of new and revised source data for gross output and prices. The revisions to current-dollar GDP for 1998 were smaller than those for 1999; GDP was revised down \$8.7 billion for 1998 and \$30.6 billion for 1999 (table H). Real GDP growth was revised

10. See the section “Composition of current-dollar GDP by industry.”

11. Current-dollar cost per unit of real GDP by industry equals the GDP-by-industry implicit price index divided by 100.

12. The unit-cost measures are not derived from separate price indexes for labor and capital; instead, these measures are derived by proportionally distributing an industry's price index to the components of its current-dollar GDP by industry.

down 0.1 percentage point for both 1998 and 1999. The revisions to real GDP for some industry groups were substantial, but the effects of these revisions on real GDP growth were generally small.

The revisions to the current-dollar estimates of GDP by industry for 1998–99 reflected the incorporation of the revised NIPA estimates of the components of gross domestic income and the industry distributions of these components. Private industries was revised down—\$6.2 billion for 1998 and \$23.9 billion for 1999. For 1998, large

downward revisions to services (\$7.2 billion), retail trade (\$6.4 billion), mining (\$5.4 billion), and the statistical discrepancy (\$6.2 billion) were partly offset by a large upward revision to FIRE (\$19.0 billion). For 1999, large downward revisions to retail trade (\$21.5 billion), wholesale trade (\$9.8 billion), services (\$6.0 billion), and mining (\$8.5 billion) were partly offset by a large upward revision to FIRE (\$18.5 billion).

The revisions to the growth rates of real GDP by industry for 1998 and 1999 reflect the revisions to current-dollar GDP by industry and the incorporation of new and revised source data for gross output and prices. For 1998, the growth rate of private industries was revised down 0.2 percentage point; the growth rate of private goods-producing industries was revised down 0.2 percentage point, and that of private services-producing industries was revised down 0.1 percentage point. For 1999, the growth rate of private industries was not revised; the growth rate of private goods-producing industries was revised up 0.4 percentage point, and that of private services-producing industries was revised down 0.2 percentage point. By industry group, the largest revisions for 1998 were to mining (down 5.5 percentage points) and to electric, gas, and sanitary services (down 1.8 percentage points). The largest revisions for 1999 were to communications (down 3.2 percentage points), to mining (down 3.1 percentage points), and to wholesale trade (down 2.8 percentage points).

Changes to the Methodology and Presentation

Several changes to the methodology and presentation were incorporated into the estimates of GDP by industry. These changes included the incorporation of source data converted from the North

Table G.—Percent Changes in Current Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group

	1998	1999	2000	Average annual rate of change 1997–2000
Total	1.1	0.8	2.4	1.4
Compensation of employees	2.4	1.5	3.1	2.3
Indirect business tax and nontax liability	-0.2	-0.6	2.1	0.4
Property-type income	-0.4	0.3	1.5	0.5
Goods-producing industries	-0.6	0.1	3.5	1.0
Compensation of employees	1.9	-0.6	3.4	1.5
Indirect business tax and nontax liability	0.5	-0.9	9.8	3.0
Property-type income	-4.7	1.4	3.0	-0.2
Agriculture, forestry and fishing	-2.8	-5.8	-1.6	-3.4
Compensation of employees	6.8	1.8	-4.4	1.3
Indirect business tax and nontax liability	-1.7	0.6	-5.5	-2.2
Property-type income	-8.0	-11.0	0.8	-6.2
Mining	-17.6	10.2	44.8	9.5
Compensation of employees	-0.8	2.5	25.0	8.3
Indirect business tax and nontax liability	-5.4	7.2	37.7	11.8
Property-type income	-28.0	16.1	58.0	9.7
Construction	4.8	5.4	6.3	5.5
Compensation of employees	3.7	4.5	6.6	4.9
Indirect business tax and nontax liability	1.7	0.8	3.6	2.0
Property-type income	7.2	7.4	5.9	6.8
Manufacturing	-0.3	-1.4	0.6	-0.4
Compensation of employees	1.0	-2.6	1.6	-0.0
Indirect business tax and nontax liability	2.7	-1.3	10.2	3.7
Property-type income	-3.1	0.7	-2.3	-1.6
Durable goods	-4.4	-3.6	-2.8	-3.6
Compensation of employees	-3.3	-3.7	-0.4	-2.5
Indirect business tax and nontax liability	-5.2	-1.0	-1.7	-2.6
Property-type income	-6.8	-3.6	-8.2	-6.2
Nondurable goods	5.6	1.7	5.4	4.2
Compensation of employees	7.1	-1.3	4.1	3.2
Indirect business tax and nontax liability	12.4	-0.0	20.5	10.6
Property-type income	2.8	6.1	5.0	4.6
Services-producing industries	1.7	1.1	2.0	1.6
Compensation of employees	2.7	2.4	3.1	2.7
Indirect business tax and nontax liability	-0.5	-0.6	0.7	-0.1
Property-type income	1.0	-0.1	1.0	0.7
Transportation and public utilities	4.1	-1.7	0.2	0.8
Compensation of employees	5.3	0.7	0.9	2.3
Indirect business tax and nontax liability	5.7	-3.6	-0.7	0.4
Property-type income	2.7	-3.5	-0.4	-0.4
Wholesale trade	-5.6	0.4	3.5	-0.6
Compensation of employees	-3.8	3.1	4.3	1.1
Indirect business tax and nontax liability	-8.7	-0.4	3.2	-2.1
Property-type income	-6.7	-5.3	1.7	-3.5
Retail trade	-0.6	0.2	-0.3	-0.2
Compensation of employees	-1.9	1.1	-0.6	-0.5
Indirect business tax and nontax liability	-1.5	0.7	0.4	-0.1
Property-type income	3.2	-2.3	0.0	0.3
Finance, insurance and real estate	2.0	0.3	1.3	1.2
Compensation of employees	6.1	1.7	2.8	3.5
Indirect business tax and nontax liability	-1.7	-1.7	-0.5	-1.3
Property-type income	1.2	0.2	1.0	0.8
Services	3.9	3.6	4.0	3.8
Compensation of employees	4.8	3.7	4.8	4.4
Indirect business tax and nontax liability	4.1	3.0	1.7	2.9
Property-type income	1.6	3.4	1.8	2.3

Data Availability

The summary estimates of gross domestic product by industry that are presented in this article and more detailed estimates for 1947–2000 are available on BEA's Web site; go to <www.bea.doc.gov> and click on "Industry: Gross product and input-output data."

In addition, the estimates will be available on the following diskettes in early December.

Gross Domestic Product by Industry, 1947–2000—product number NDN–0287

Gross Output by Detailed Industry, 1977–2000—product number NDN–0288

Shipments of Manufacturing Industries, 1977–2000—product number NDN–0289

To order, call the BEA Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666).

American Industry Classification System (NAICS) to the Standard Industrial Classification (SIC) system, the incorporation of a quality-adjusted price index for local area network (LAN) equipment, the incorporation of inputs data from the 1997 annual input-output (I-O) accounts, and the expansion of the tables to include estimates for private goods-producing industries and for private services-producing industries and to present percent changes in the chain-type quantity and price indexes for GDP by industry.

This revision incorporated new and revised source data from private industry associations and from other Federal Government agencies. Several Government agencies provided source data that are based on NAICS rather than on the SIC. Major source data on a NAICS basis included data from the 1997 Economic Census, the annual survey of manufactures, the services annual survey, and the *Statistics of Income* from the Internal Revenue Service. In addition, BEA provided NAICS-based estimates for change in private inventories.

The GDP-by-industry estimates remain on an SIC basis, so the NAICS-based source data were converted to an SIC basis by the source agency or by BEA using information provided by the source agency. Full implementation of NAICS for the GDP-by-industry estimates depends on the implementation of NAICS in both the NIPA's and the benchmark input-output accounts, which, in turn,

depends on the implementation schedules of source data agencies.¹³

A newly available price index from the Federal Reserve Board that reflects quality improvements to LAN equipment—routers, switches, and hubs—was used in the deflation of gross output for the electronic and other electric equipment industry and for the deflation of intermediate inputs. A composite price index consisting of this index and the producer price indexes from the Bureau of Labor Statistics was used to deflate telephone and telegraph apparatus.

The industry distributions of inputs from the 1997 annual I-O accounts were incorporated into the industry estimates of intermediate inputs. Currently, the 1997 annual I-O table is the latest available.

The GDP-by-industry tables were expanded to include estimates for private goods-producing industries and for private services-producing industries and to include new tables that present percent changes in the chain-type quantity and price indexes for GDP by industry. This expansion allows for greater consistency and comparability across the GDP-by-industry measures of industry performance.

Tables 1–14 follow.

13. See John R. Kort, "The North American Industry Classification System in BEA's Economic Accounts," SURVEY 81 (May 2001): 7–13.

Table H.—Revisions to Gross Domestic Product by Industry Group

	Current-dollar gross domestic product by industry Billions of dollars						Real gross domestic product by industry Percent change from previous year					
	1998			1999			1998			1999		
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
Gross domestic product	8,790.2	8,781.5	-8.7	9,299.2	9,268.6	-30.6	4.4	4.3	-0.1	4.2	4.1	-0.1
Private industries	7,684.4	7,678.2	-6.2	8,140.8	8,116.9	-23.9	4.9	4.7	-0.2	4.8	4.8	0.0
Private goods-producing industries	2,046.9	2,040.6	-6.3	2,154.4	2,152.9	-1.5	4.6	4.4	-0.2	5.0	5.4	0.4
Agriculture, forestry, and fishing	127.2	128.0	0.8	125.4	127.2	1.8	0.2	1.3	1.1	4.8	5.5	0.7
Mining	105.6	100.2	-5.4	111.8	103.3	-8.5	7.9	2.4	-5.5	-3.4	-6.5	-3.1
Construction	378.1	380.8	2.7	416.4	425.5	9.1	6.5	7.5	1.0	4.4	6.0	1.6
Manufacturing	1,436.0	1,431.5	-4.5	1,500.8	1,496.8	-4.0	4.3	4.1	-0.2	5.7	6.1	0.3
Durable goods	833.4	830.7	-2.7	877.8	865.7	-12.1	9.8	9.8	0.0	8.8	8.1	-0.7
Nondurable goods	602.6	600.8	-1.8	623.1	631.0	7.9	-2.9	-3.3	-0.4	1.6	3.3	1.7
Private services-producing industries	5,662.2	5,668.6	6.4	6,058.3	6,036.7	-21.6	6.1	6.0	-0.1	5.5	5.3	-0.2
Transportation and public utilities	728.0	732.0	4.0	779.6	776.8	-2.8	2.6	2.1	-0.5	9.6	7.9	-1.7
Transportation	287.8	288.7	0.9	303.4	302.7	-0.7	3.3	3.6	0.3	6.0	4.1	-1.8
Communications	234.1	238.5	4.4	260.2	258.5	-1.7	6.5	6.2	-0.3	14.1	10.9	-3.2
Electric, gas, and sanitary services	206.0	204.8	-1.2	216.0	215.6	-0.4	-2.3	-4.1	-1.8	9.6	9.9	0.3
Wholesale trade	610.9	607.9	-3.0	643.3	633.5	-9.8	13.9	13.6	-0.3	6.6	3.8	-2.8
Retail trade	796.8	790.4	-6.4	856.4	834.9	-21.5	8.1	7.3	-0.8	5.2	5.5	0.3
Finance, insurance, and real estate	1,689.5	1,708.5	19.0	1,792.1	1,810.6	18.5	5.6	6.7	1.1	5.4	5.6	0.3
Services	1,837.1	1,829.9	-7.2	1,986.9	1,980.9	-6.0	4.4	4.1	-0.3	4.0	4.5	0.5
Statistical discrepancy ¹	-24.8	-31.0	-6.2	-71.9	-72.7	-0.8						
Government	1,105.8	1,103.3	-2.5	1,158.4	1,151.7	-6.7	1.4	1.1	-0.3	2.0	1.3	-0.7

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 1.—Gross Domestic Product by Industry in Current Dollars, 1997–2000
[Billions of dollars]

Line	1997	1998	1999	2000
1	8,318.4	8,781.5	9,268.6	9,872.9
2	7,253.6	7,678.2	8,116.9	8,656.5
3	1,966.7	2,040.6	2,152.9	2,293.0
4	130.0	128.0	127.2	135.8
5	88.3	80.6	74.3	79.0
6				
7	118.9	100.2	103.3	127.1
8	5.6	5.4	5.0	4.9
9	10.6	10.7	10.6	10.1
10	91.9	72.8	76.2	99.5
11	10.8	11.3	11.5	12.6
12	338.2	380.8	425.5	463.6
13	1,379.6	1,431.5	1,496.8	1,566.6
14	791.2	830.7	865.7	901.7
15	41.2	41.9	46.3	44.4
16	22.7	24.3	26.0	26.7
17	37.2	38.7	42.5	43.9
18	52.6	53.1	50.2	52.9
19	97.6	101.7	107.6	108.7
20	143.2	158.6	157.3	167.6
21				
22	165.9	159.2	165.5	181.2
23	96.5	111.5	118.9	120.2
24	55.5	58.4	64.5	62.7
25	53.6	57.5	58.8	64.2
26	25.2	25.9	28.3	29.1
27	588.4	600.8	631.0	664.8
28	123.1	121.8	132.9	137.0
29	15.4	17.3	18.9	22.3
30	25.7	25.8	25.5	24.7
31	26.5	26.0	24.3	23.6
32	53.8	55.7	58.0	59.9
33	91.1	95.6	102.7	105.5
34	164.8	164.8	175.1	191.1
35	31.4	32.9	30.4	36.5
36	52.1	56.8	59.3	60.2
37	4.3	4.1	3.9	4.0
38	5,257.1	5,668.6	6,036.7	6,493.9
39	688.4	732.0	776.8	825.0
40	261.8	288.7	302.7	313.9
41	23.0	24.3	23.2	22.9
42	14.9	16.8	17.6	18.7
43	99.4	114.1	122.0	126.0
44	13.1	13.6	13.7	14.8
45	78.6	85.8	90.2	93.0
46	5.8	6.1	6.1	6.2
47	27.1	28.0	29.9	32.3
48	220.8	238.5	258.5	281.1
49	166.7	179.4	196.4	208.9
50	54.1	59.1	62.1	72.2
51	205.9	204.8	215.6	230.0
52	566.8	607.9	633.5	674.1
53	740.5	790.4	834.9	893.9
54	1,569.9	1,708.5	1,810.6	1,936.2
55	273.9	300.0	325.6	366.5
56	49.9	52.8	53.7	59.0
57	120.8	143.9	138.8	144.2
58	146.1	150.2	158.3	167.7
59	51.3	56.4	65.4	67.3
60	920.1	981.6	1,051.2	1,116.3
61	679.1	718.7	764.4	810.5
62	241.0	262.9	286.8	305.8
63	7.7	23.4	17.6	15.4
64	1,691.5	1,829.9	1,980.9	2,164.6
65	70.5	73.5	80.4	86.5
66	51.0	57.0	57.4	60.4
67	395.5	439.8	502.6	571.7
68	72.8	81.0	88.1	93.9
69	22.3	24.4	25.2	26.7
70	26.3	29.1	32.0	34.9
71	64.9	70.1	75.1	80.8
72	472.2	491.1	516.3	546.8
73	109.0	116.7	123.0	133.5
74	61.2	67.5	72.1	78.6
75	52.6	57.6	61.8	67.5
76	51.6	53.6	58.3	63.5
77	229.7	254.5	275.9	306.2
78	12.0	14.0	12.7	13.6
79	29.7	-31.0	-72.7	-130.4
80	1,064.8	1,103.3	1,151.7	1,216.4
81	354.7	359.9	369.7	387.0
82	295.4	298.6	308.1	323.8
83	59.2	61.3	61.6	63.2
84	710.1	743.4	782.0	829.5
85	649.2	681.2	716.6	760.4
86	60.9	62.2	65.4	69.1

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 2.—Gross Domestic Product by Industry in Current Dollars as a Percentage of Gross Domestic Product, 1997–2000
[Percent]

Line	1997	1998	1999	2000
1	100.0	100.0	100.0	100.0
2	87.2	87.4	87.6	87.7
3	23.6	23.2	23.2	23.2
4	1.6	1.5	1.4	1.4
5	1.1	0.9	0.8	0.8
6				
7	1.4	1.1	1.1	1.3
8	0.1	0.1	0.1	0.0
9	0.1	0.1	0.1	0.1
10	1.1	0.8	0.8	1.0
11	0.1	0.1	0.1	0.1
12	4.1	4.3	4.6	4.7
13	16.6	16.3	16.1	15.9
14	9.5	9.5	9.3	9.1
15	0.5	0.5	0.5	0.5
16	0.3	0.3	0.3	0.3
17	0.4	0.4	0.5	0.4
18	0.6	0.6	0.5	0.5
19	1.2	1.2	1.2	1.1
20	1.7	1.8	1.7	1.7
21				
22	2.0	1.8	1.8	1.8
23	1.2	1.3	1.3	1.2
24	0.7	0.7	0.7	0.6
25	0.6	0.7	0.6	0.7
26				
27	7.1	6.8	6.8	6.7
28	1.5	1.4	1.4	1.4
29	0.2	0.2	0.2	0.2
30	0.3	0.3	0.3	0.3
31	0.3	0.3	0.3	0.2
32	0.6	0.6	0.6	0.6
33	1.1	1.1	1.1	1.1
34	2.0	1.9	1.9	1.9
35	0.4	0.4	0.3	0.4
36	0.6	0.6	0.6	0.6
37	0.1	0.0	0.0	0.0
38	63.2	64.6	65.1	65.8
39	8.3	8.3	8.4	8.4
40	3.1	3.3	3.3	3.2
41	0.3	0.3	0.3	0.2
42	0.2	0.2	0.2	0.2
43	1.2	1.3	1.3	1.3
44	0.2	0.2	0.1	0.2
45	0.9	1.0	1.0	0.9
46	0.1	0.1	0.1	0.1
47	0.3	0.3	0.3	0.3
48	2.7	2.7	2.8	2.8
49	2.0	2.0	2.1	2.1
50	0.6	0.7	0.7	0.7
51	2.5	2.3	2.3	2.3
52	6.8	6.9	6.8	6.8
53	8.9	9.0	9.0	9.1
54	18.9	19.5	19.5	19.6
55	3.3	3.4	3.5	3.7
56	0.6	0.6	0.6	0.6
57	1.5	1.6	1.5	1.5
58	1.8	1.7	1.7	1.7
59	0.6	0.7	0.7	0.7
60	11.1	11.2	11.3	11.3
61	8.2	8.2	8.2	8.2
62	2.9	3.0	3.1	3.1
63	0.1	0.2	0.2	0.2
64	20.3	20.8	21.4	21.9
65	0.8	0.8	0.9	0.9
66	0.6	0.6	0.6	0.6
67	4.8	5.0	5.4	5.8
68	0.9	0.9	1.0	1.0
69	0.3	0.3	0.3	0.3
70	0.3	0.3	0.3	0.4
71	0.8	0.8	0.8	0.8
72	5.7	5.6	5.6	5.5
73	1.3	1.3	1.3	1.4
74	0.7	0.8	0.8	0.8
75	0.6	0.7	0.7	0.7
76	0.6	0.6	0.6	0.6
77	2.8	2.9	3.0	3.1
78	0.1	0.2	0.1	0.1
79	12.8	12.6	12.4	12.3
80	4.3	4.1	4.0	3.9
81	3.6	3.4	3.3	3.3
82	0.7	0.7	0.7	0.6
83	8.5	8.5	8.4	8.4
84	7.8	7.8	7.7	7.7
85	0.7	0.7	0.7	0.7

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 3.—Components of Gross Domestic Product by Industry Group in Current Dollars, 1997–2000
[Billions of dollars]

Line		1997	1998	1999	2000
1	Gross domestic product	8,318.4	8,781.5	9,268.6	9,872.9
2	Compensation of employees.....	4,656.2	4,994.6	5,315.8	5,720.4
3	Indirect business tax and nontax liability.....	646.2	681.3	713.1	762.7
4	Property-type income.....	2,986.3	3,136.6	3,312.4	3,520.2
5	Statistical discrepancy ¹	29.7	-31.0	-72.7	-130.4
6	Private industries	7,253.6	7,678.2	8,116.9	8,656.5
7	Compensation of employees.....	3,773.5	4,079.6	4,361.7	4,711.4
8	Indirect business tax and nontax liability.....	646.2	681.3	713.1	762.7
9	Property-type income.....	2,804.1	2,948.3	3,114.8	3,312.8
10	Statistical discrepancy.....	29.7	-31.0	-72.7	-130.4
11	Private goods-producing industries	1,966.7	2,040.6	2,152.9	2,293.0
12	Compensation of employees.....	1,151.4	1,224.8	1,283.3	1,365.6
13	Indirect business tax and nontax liability.....	77.2	81.0	84.6	95.6
14	Property-type income.....	738.1	734.8	785.0	831.9
15	Agriculture, forestry and fishing	130.0	128.0	127.2	135.7
16	Compensation of employees.....	42.9	46.4	49.8	51.6
17	Indirect business tax and nontax liability.....	7.0	6.9	7.4	7.5
18	Property-type income.....	80.2	74.7	70.1	76.6
19	Mining	118.9	100.2	103.3	127.1
20	Compensation of employees.....	35.2	35.8	34.3	36.4
21	Indirect business tax and nontax liability.....	12.1	11.7	11.7	13.7
22	Property-type income.....	71.6	52.8	57.3	76.9
23	Construction	338.2	380.8	425.5	463.6
24	Compensation of employees.....	220.9	246.2	272.9	298.2
25	Indirect business tax and nontax liability.....	7.9	8.6	9.2	9.8
26	Property-type income.....	109.4	126.0	143.5	155.7
27	Manufacturing	1,379.6	1,431.5	1,496.8	1,566.6
28	Compensation of employees.....	852.4	896.4	926.3	979.4
29	Indirect business tax and nontax liability.....	50.3	53.7	56.3	64.5
30	Property-type income.....	477.0	481.3	514.2	522.7
31	Durable goods.....	791.2	830.7	865.7	901.7
32	Compensation of employees.....	529.9	562.8	586.0	625.2
33	Indirect business tax and nontax liability.....	19.3	20.1	21.6	22.7
34	Property-type income.....	241.9	247.8	258.2	253.8
35	Nondurable goods.....	588.4	600.8	631.0	664.8
36	Compensation of employees.....	322.4	333.7	340.3	354.2
37	Indirect business tax and nontax liability.....	30.9	33.6	34.7	41.8
38	Property-type income.....	235.0	233.5	256.0	268.9
39	Private services-producing industries	5,257.1	5,668.6	6,036.7	6,493.9
40	Compensation of employees.....	2,622.1	2,854.8	3,078.4	3,345.9
41	Indirect business tax and nontax liability.....	569.0	600.3	628.5	667.1
42	Property-type income.....	2,066.0	2,213.5	2,329.8	2,480.9
43	Transportation and public utilities	688.4	732.0	776.8	825.0
44	Compensation of employees.....	299.4	321.9	349.8	374.3
45	Indirect business tax and nontax liability.....	68.5	73.9	76.9	81.0
46	Property-type income.....	320.5	336.2	350.0	369.7
47	Wholesale trade	566.8	607.9	633.5	674.1
48	Compensation of employees.....	307.5	335.8	359.6	385.6
49	Indirect business tax and nontax liability.....	122.0	126.5	130.9	138.9
50	Property-type income.....	137.4	145.6	143.1	149.7
51	Retail trade	740.5	790.4	834.9	893.9
52	Compensation of employees.....	426.0	448.7	478.4	510.4
53	Indirect business tax and nontax liability.....	133.9	141.5	150.3	162.0
54	Property-type income.....	180.6	200.2	206.1	221.4
55	Finance, insurance and real estate	1,569.9	1,708.5	1,810.6	1,936.2
56	Compensation of employees.....	377.6	427.1	458.7	498.3
57	Indirect business tax and nontax liability.....	194.1	203.6	211.4	222.2
58	Property-type income.....	998.2	1,077.8	1,140.4	1,215.8
59	Services	1,691.5	1,829.9	1,980.9	2,164.6
60	Compensation of employees.....	1,211.7	1,321.4	1,431.8	1,577.3
61	Indirect business tax and nontax liability.....	50.6	54.8	59.0	63.0
62	Property-type income.....	429.2	453.8	490.1	524.3
63	Government	1,064.8	1,103.3	1,151.7	1,216.4
64	Compensation of employees.....	882.6	915.1	954.1	1,009.0
65	Indirect business tax and nontax liability.....	0.0	0.0	0.0	0.0
66	Property-type income.....	182.2	188.3	197.6	207.5

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 4.—Components of Gross Domestic Product by Industry Group in Current Dollars as a Percentage of Gross Domestic Product, 1997–2000
[Percent]

Line		1997	1998	1999	2000
1	Gross domestic product	100.0	100.0	100.0	100.0
2	Compensation of employees.....	56.0	56.9	57.4	57.9
3	Indirect business tax and nontax liability.....	7.8	7.8	7.7	7.7
4	Property-type income.....	35.9	35.7	35.7	35.7
5	Statistical discrepancy ¹	0.4	-0.4	-0.8	-1.3
6	Private industries	100.0	100.0	100.0	100.0
7	Compensation of employees.....	52.0	53.1	53.7	54.4
8	Indirect business tax and nontax liability.....	8.9	8.9	8.8	8.8
9	Property-type income.....	38.7	38.4	38.4	38.3
10	Statistical discrepancy.....	0.4	-0.4	-0.9	-1.5
11	Private goods-producing industries	100.0	100.0	100.0	100.0
12	Compensation of employees.....	58.5	60.0	59.6	59.6
13	Indirect business tax and nontax liability.....	3.9	4.0	3.9	4.2
14	Property-type income.....	37.5	36.0	36.5	36.3
15	Agriculture, forestry and fishing	100.0	100.0	100.0	100.0
16	Compensation of employees.....	33.0	36.2	39.1	38.0
17	Indirect business tax and nontax liability.....	5.4	5.4	5.8	5.5
18	Property-type income.....	61.7	58.4	55.1	56.4
19	Mining	100.0	100.0	100.0	100.0
20	Compensation of employees.....	29.6	35.7	33.2	28.7
21	Indirect business tax and nontax liability.....	10.2	11.7	11.4	10.8
22	Property-type income.....	60.2	52.6	55.4	60.5
23	Construction	100.0	100.0	100.0	100.0
24	Compensation of employees.....	65.3	64.6	64.1	64.3
25	Indirect business tax and nontax liability.....	2.3	2.3	2.2	2.1
26	Property-type income.....	32.4	33.1	33.7	33.6
27	Manufacturing	100.0	100.0	100.0	100.0
28	Compensation of employees.....	61.8	62.6	61.9	62.5
29	Indirect business tax and nontax liability.....	3.6	3.8	3.8	4.1
30	Property-type income.....	34.6	33.6	34.4	33.4
31	Durable goods.....	100.0	100.0	100.0	100.0
32	Compensation of employees.....	67.0	67.7	67.7	69.3
33	Indirect business tax and nontax liability.....	2.4	2.4	2.5	2.5
34	Property-type income.....	30.6	29.8	29.8	28.1
35	Nondurable goods.....	100.0	100.0	100.0	100.0
36	Compensation of employees.....	54.8	55.5	53.9	53.3
37	Indirect business tax and nontax liability.....	5.3	5.6	5.5	6.3
38	Property-type income.....	39.9	38.9	40.6	40.4
39	Private services-producing industries	100.0	100.0	100.0	100.0
40	Compensation of employees.....	49.9	50.4	51.0	51.5
41	Indirect business tax and nontax liability.....	10.8	10.6	10.4	10.3
42	Property-type income.....	39.3	39.0	38.6	38.2
43	Transportation and public utilities	100.0	100.0	100.0	100.0
44	Compensation of employees.....	43.5	44.0	45.0	45.4
45	Indirect business tax and nontax liability.....	9.9	10.1	9.9	9.8
46	Property-type income.....	46.6	45.9	45.1	44.8
47	Wholesale trade	100.0	100.0	100.0	100.0
48	Compensation of employees.....	54.2	55.2	56.8	57.2
49	Indirect business tax and nontax liability.....	21.5	20.8	20.7	20.6
50	Property-type income.....	24.2	23.9	22.6	22.2
51	Retail trade	100.0	100.0	100.0	100.0
52	Compensation of employees.....	57.5	56.8	57.3	57.1
53	Indirect business tax and nontax liability.....	18.1	17.9	18.0	18.1
54	Property-type income.....	24.4	25.3	24.7	24.8
55	Finance, insurance and real estate	100.0	100.0	100.0	100.0
56	Compensation of employees.....	24.0	25.0	25.3	25.7
57	Indirect business tax and nontax liability.....	12.4	11.9	11.7	11.5
58	Property-type income.....	63.6	63.1	63.0	62.8
59	Services	100.0	100.0	100.0	100.0
60	Compensation of employees.....	71.6	72.2	72.3	72.9
61	Indirect business tax and nontax liability.....	3.0	3.0	3.0	2.9
62	Property-type income.....	25.4	24.8	24.7	24.2
63	Government	100.0	100.0	100.0	100.0
64	Compensation of employees.....	82.9	82.9	82.8	82.9
65	Indirect business tax and nontax liability.....	0.0	0.0	0.0	0.0
66	Property-type income.....	17.1	17.1	17.2	17.1

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

Table 5.—Chain-Type Quantity Indexes for Gross Domestic Product by Industry, 1997–2000
[1996=100]

Line		1997	1998	1999	2000
1	Gross domestic product.....	104.43	108.91	113.35	118.06
2	Private industries.....	105.28	110.27	115.60	120.39
3	Private goods-producing industries.....	105.12	109.77	115.68	119.08
4	Agriculture, forestry, and fishing.....	110.13	111.51	117.60	127.47
5	Farms.....	112.37	108.77	114.98	130.73
6	Agricultural services, forestry, and fishing.....	105.33	116.15	122.05	123.78
7	Mining.....	103.48	105.92	99.06	84.18
8	Metal mining.....	107.18	131.82	139.67	127.39
9	Coal mining.....	100.02	106.74	121.01	120.70
10	Oil and gas extraction.....	103.49	103.79	92.65	73.67
11	Nonmetallic minerals, except fuels.....	105.05	109.75	109.67	124.80
12	Construction.....	102.58	110.26	116.92	119.86
13	Manufacturing.....	105.41	109.75	116.41	121.17
14	Durable goods.....	108.62	119.30	128.95	138.16
15	Lumber and wood products.....	99.03	100.44	107.63	110.54
16	Furniture and fixtures.....	106.91	110.67	115.33	117.94
17	Stone, clay, and glass products.....	110.48	110.37	115.68	119.73
18	Primary metal industries.....	103.56	107.16	112.59	112.89
19	Fabricated metal products.....	103.25	103.61	105.65	106.97
20	Industrial machinery and equipment.....	116.19	143.69	157.31	173.16
21	Electronic and other electric equipment.....	118.93	137.65	166.98	213.90
22	Motor vehicles and equipment.....	105.24	121.02	124.40	126.71
23	Other transportation equipment.....	106.55	110.15	118.95	107.31
24	Instruments and related products.....	92.59	91.24	89.59	89.55
25	Miscellaneous manufacturing industries.....	104.56	104.66	113.22	116.71
26	Nondurable goods.....	101.25	97.87	101.12	101.12
27	Food and kindred products.....	99.50	94.43	98.88	99.58
28	Tobacco products.....	93.78	80.59	42.79	41.81
29	Textile mill products.....	98.49	95.25	93.15	95.23
30	Apparel and other textile products.....	98.16	93.60	83.73	83.28
31	Paper and allied products.....	104.27	100.48	102.60	89.38
32	Printing and publishing.....	97.90	96.97	99.79	98.18
33	Chemicals and allied products.....	106.89	101.02	109.81	119.88
34	Petroleum and coal products.....	84.78	87.59	113.93	84.44
35	Rubber and miscellaneous plastics products.....	107.12	112.01	117.14	120.45
36	Leather and leather products.....	101.13	91.72	87.85	92.52
37	Private services-producing industries.....	105.45	111.81	117.77	124.17
38	Transportation and public utilities.....	100.36	102.51	110.63	117.29
39	Transportation.....	102.27	105.97	110.34	115.48
40	Railroad transportation.....	97.27	97.27	96.16	98.98
41	Local and interurban passenger transit.....	109.68	115.54	123.79	135.84
42	Trucking and warehousing.....	98.29	103.69	108.96	114.74
43	Water transportation.....	108.45	108.03	97.03	96.43
44	Transportation by air.....	106.16	108.46	114.26	120.03
45	Pipelines, except natural gas.....	108.49	111.33	111.86	113.01
46	Transportation services.....	102.65	107.94	115.85	118.89
47	Communications.....	101.42	107.71	119.46	132.24
48	Telephone and telegraph.....	102.43	110.62	126.89	141.81
49	Radio and television.....	98.32	99.17	99.05	106.55
50	Electric, gas, and sanitary services.....	97.01	93.03	102.24	104.64
51	Wholesale trade.....	110.30	125.25	130.07	133.77
52	Retail trade.....	108.48	116.43	122.79	131.82
53	Finance, insurance, and real estate.....	105.85	112.90	119.26	125.94
54	Depository institutions.....	102.11	106.41	111.24	119.58
55	Nondepository institutions.....	136.62	146.15	154.45	170.17
56	Security and commodity brokers.....	118.82	151.02	194.35	269.09
57	Insurance carriers.....	109.86	109.48	109.57	106.23
58	Insurance agents, brokers, and service.....	100.07	106.01	120.42	122.95
59	Real estate.....	103.68	108.40	113.15	116.83
60	Nonfarm housing services.....	101.00	103.45	107.14	110.16
61	Other real estate.....	111.94	123.89	132.07	137.91
62	Holding and other investment offices.....	125.90	331.94	228.52	159.07
63	Services.....	104.35	108.61	113.46	119.24
64	Hotels and other lodging places.....	97.69	95.49	97.81	101.65
65	Personal services.....	103.49	113.10	110.76	112.63
66	Business services.....	112.19	119.98	132.17	143.41
67	Auto repair, services, and parking.....	101.92	109.63	117.70	122.30
68	Miscellaneous repair services.....	96.66	99.07	92.34	89.79
69	Motion pictures.....	104.52	114.62	118.56	121.61
70	Amusement and recreation services.....	107.90	111.59	117.21	119.25
71	Health services.....	100.08	100.39	102.50	105.73
72	Legal services.....	106.44	109.56	112.66	117.97
73	Educational services.....	101.13	105.32	107.49	111.28
74	Social services.....	101.66	105.26	107.94	111.61
75	Membership organizations.....	99.57	98.21	98.29	100.94
76	Other services.....	105.88	114.21	119.99	128.91
77	Private households.....	97.71	110.40	97.57	99.69
78	Government.....	101.48	102.64	103.95	106.37
79	Federal.....	100.10	100.19	99.90	101.76
80	General government.....	98.60	98.02	97.89	99.35
81	Government enterprises.....	108.22	112.00	110.83	114.97
82	State and local.....	102.19	103.89	106.01	108.71
83	General government.....	102.05	104.18	105.98	108.49
84	Government enterprises.....	103.65	100.71	106.37	111.18

Table 5.A.—Percent Changes in Chain-Type Quantity Indexes for Gross Domestic Product by Industry

Line		1998	1999	2000	Average annual rate of change 1997–2000
1	Gross domestic product.....	4.3	4.1	4.1	4.2
2	Private industries.....	4.7	4.8	4.1	4.6
3	Private goods-producing industries.....	4.4	5.4	2.9	4.2
4	Agriculture, forestry, and fishing.....	1.3	5.5	8.4	5.0
5	Farms.....	-3.2	5.7	13.7	5.2
6	Agricultural services, forestry, and fishing.....	10.3	5.1	1.4	5.5
7	Mining.....	2.4	-6.5	-15.0	-6.6
8	Metal mining.....	23.0	6.0	-8.8	5.9
9	Coal mining.....	6.7	13.4	-0.3	6.5
10	Oil and gas extraction.....	0.3	-10.7	-20.5	-10.7
11	Nonmetallic minerals, except fuels.....	4.5	-0.1	13.8	5.9
12	Construction.....	7.5	6.0	2.5	5.3
13	Manufacturing.....	4.1	6.1	4.1	4.8
14	Durable goods.....	9.8	8.1	7.1	8.3
15	Lumber and wood products.....	1.4	7.2	2.7	3.7
16	Furniture and fixtures.....	3.5	4.2	2.3	3.3
17	Stone, clay, and glass products.....	-0.1	4.8	3.5	2.7
18	Primary metal industries.....	3.5	5.1	0.3	2.9
19	Fabricated metal products.....	0.4	2.0	1.2	1.2
20	Industrial machinery and equipment.....	23.7	9.5	10.1	14.2
21	Electronic and other electric equipment.....	15.7	21.3	28.1	21.6
22	Motor vehicles and equipment.....	15.0	2.8	1.9	6.4
23	Other transportation equipment.....	3.4	8.0	-9.8	0.2
24	Instruments and related products.....	-1.5	-1.8	-0.0	-1.1
25	Miscellaneous manufacturing industries.....	0.1	8.2	3.1	3.7
26	Nondurable goods.....	-3.3	3.3	-0.0	-0.0
27	Food and kindred products.....	-5.1	4.7	0.7	0.0
28	Tobacco products.....	-14.1	-46.9	-2.3	-23.6
29	Textile mill products.....	-3.3	-2.2	2.2	-1.1
30	Apparel and other textile products.....	-4.6	-10.5	-0.5	-5.3
31	Paper and allied products.....	-3.6	2.1	-12.9	-5.0
32	Printing and publishing.....	-1.0	2.9	-1.6	0.1
33	Chemicals and allied products.....	-5.5	8.7	9.2	3.9
34	Petroleum and coal products.....	3.3	30.1	-25.9	-0.1
35	Rubber and miscellaneous plastics products.....	4.6	4.6	2.8	4.0
36	Leather and leather products.....	-9.3	-4.2	5.3	-2.9
37	Private services-producing industries.....	6.0	5.3	5.4	5.6
38	Transportation and public utilities.....	2.1	7.9	6.0	5.3
39	Transportation.....	3.6	4.1	4.7	4.1
40	Railroad transportation.....	-0.0	-1.1	2.9	0.6
41	Local and interurban passenger transit.....	5.3	7.1	9.7	7.4
42	Trucking and warehousing.....	5.5	5.1	5.3	5.3
43	Water transportation.....	-0.4	-10.2	-0.6	-3.8
44	Transportation by air.....	2.2	5.3	5.1	4.2
45	Pipelines, except natural gas.....	2.6	0.5	1.0	1.4
46	Transportation services.....	5.2	7.3	2.6	5.0
47	Communications.....	6.2	10.9	10.7	9.2
48	Telephone and telegraph.....	8.0	14.7	11.8	11.5
49	Radio and television.....	0.9	-0.1	7.6	2.7
50	Electric, gas, and sanitary services.....	-4.1	9.9	2.3	2.6
51	Wholesale trade.....	13.6	3.8	2.8	6.6
52	Retail trade.....	7.3	5.5	7.3	6.7
53	Finance, insurance, and real estate.....	6.7	5.6	5.6	6.0
54	Depository institutions.....	4.2	4.5	7.5	5.4
55	Nondepository institutions.....	7.0	5.7	10.2	7.6
56	Security and commodity brokers.....	27.1	28.7	38.5	31.3
57	Insurance carriers.....	-0.3	0.1	-3.0	-1.1
58	Insurance agents, brokers, and service.....	5.9	13.6	2.1	7.1
59	Real estate.....	4.6	4.4	3.3	4.1
60	Nonfarm housing services.....	2.4	3.6	2.8	2.9
61	Other real estate.....	10.7	6.6	4.4	7.2
62	Holding and other investment offices.....	163.6	-31.2	-30.4	8.1
63	Services.....	4.1	4.5	5.1	4.5
64	Hotels and other lodging places.....	-2.3	2.4	3.9	1.3
65	Personal services.....	9.3	-2.1	1.7	2.9
66	Business services.....	6.9	10.2	8.5	8.5
67	Auto repair, services, and parking.....	7.6	7.4	3.9	6.3
68	Miscellaneous repair services.....	2.5	-6.8	-2.8	-2.4
69	Motion pictures.....	9.7	3.4	2.6	5.2
70	Amusement and recreation services.....	3.4	5.0	1.7	3.4
71	Health services.....	0.3	2.1	3.2	1.8
72	Legal services.....	2.9	2.8	4.7	3.5
73	Educational services.....	4.1	2.1	3.5	3.2
74	Social services.....	3.5	2.5	3.4	3.2
75	Membership organizations.....	-1.4	0.1	2.7	0.5
76	Other services.....	7.9	5.1	7.4	6.8
77	Private households.....	13.0	-11.6	2.2	0.7
78	Government.....	1.1	1.3	2.3	1.6
79	Federal.....	0.1	-0.3	1.9	0.5
80	General government.....	-0.6	-0.1	1.5	0.3
81	Government enterprises.....	3.5	-1.0	3.7	2.0
82	State and local.....	1.7	2.0	2.5	2.1
83	General government.....	2.1	1.7	2.4	2.1
84	Government enterprises.....	-2.8	5.6	4.5	2.4

Table 6.—Real Gross Domestic Product by Industry, 1997–2000
[Billions of chained (1996) dollars]

Line		1997	1998	1999	2000
1	Gross domestic product.....	8,159.5	8,508.9	8,856.5	9,224.0
2	Private industries.....	7,151.2	7,490.6	7,852.7	8,177.6
3	Private goods-producing industries.....	1,971.9	2,059.2	2,170.1	2,233.8
4	Agriculture, forestry, and fishing.....	143.7	145.5	153.4	166.3
5	Farms.....	103.6	100.3	106.0	120.5
6	Agricultural services, forestry, and fishing.....	40.3	44.4	46.7	47.3
7	Mining.....	117.0	119.7	112.0	95.2
8	Metal mining.....	6.3	7.7	8.2	7.4
9	Coal mining.....	11.2	11.9	13.5	13.5
10	Oil and gas extraction.....	89.1	89.4	79.8	63.4
11	Nonmetallic minerals, except fuels.....	10.4	10.9	10.9	12.4
12	Construction.....	324.6	348.9	370.0	379.3
13	Manufacturing.....	1,387.2	1,444.3	1,532.1	1,594.6
14	Durable goods.....	813.0	892.9	965.1	1,034.1
15	Lumber and wood products.....	39.5	40.1	43.0	44.1
16	Furniture and fixtures.....	22.1	22.9	23.9	24.4
17	Stone, clay, and glass products.....	36.6	36.6	38.4	39.7
18	Primary metal industries.....	52.7	54.5	57.2	57.4
19	Fabricated metal products.....	96.2	96.5	98.4	99.6
20	Industrial machinery and equipment.....	158.4	195.8	214.4	236.0
21	Electronic and other electric equipment.....	182.2	210.8	255.8	327.7
22	Motor vehicles and equipment.....	97.1	111.6	114.7	116.9
23	Other transportation equipment.....	54.8	56.7	61.2	55.2
24	Instruments and related products.....	49.8	49.0	48.2	48.1
25	Miscellaneous manufacturing industries.....	24.8	24.9	26.9	27.7
26	Nondurable goods.....	574.7	555.5	574.0	574.0
27	Food and kindred products.....	118.1	112.1	117.3	118.2
28	Tobacco products.....	13.9	11.9	6.3	6.2
29	Textile mill products.....	25.0	24.1	23.6	24.1
30	Apparel and other textile products.....	26.5	25.2	22.6	22.5
31	Paper and allied products.....	58.3	56.2	57.3	50.0
32	Printing and publishing.....	86.4	85.6	88.1	86.6
33	Chemicals and allied products.....	164.2	155.2	168.7	184.2
34	Petroleum and coal products.....	25.6	26.4	34.4	25.5
35	Rubber and miscellaneous plastics products.....	53.2	55.6	58.2	59.8
36	Leather and leather products.....	4.2	3.8	3.7	3.9
37	Private services-producing industries.....	5,150.1	5,461.0	5,752.1	6,064.6
38	Transportation and public utilities.....	668.7	683.1	737.2	781.5
39	Transportation.....	248.9	257.9	268.6	281.1
40	Railroad transportation.....	22.8	22.8	22.5	23.2
41	Local and interurban passenger transit.....	14.7	15.5	16.6	18.2
42	Trucking and warehousing.....	90.5	95.5	100.3	105.7
43	Water transportation.....	13.2	13.2	11.8	11.7
44	Transportation by air.....	75.2	76.8	80.9	85.0
45	Pipelines, except natural gas.....	6.2	6.4	6.4	6.4
46	Transportation services.....	26.4	27.8	29.8	30.6
47	Communications.....	217.7	231.2	256.5	283.9
48	Telephone and telegraph.....	167.9	181.3	208.0	232.5
49	Radio and television.....	49.9	50.3	50.3	54.1
50	Electric, gas, and sanitary services.....	202.0	193.7	212.9	217.9
51	Wholesale trade.....	584.1	663.3	688.8	708.4
52	Retail trade.....	745.3	800.0	843.7	905.7
53	Finance, insurance, and real estate.....	1,520.8	1,622.1	1,713.5	1,809.5
54	Depository institutions.....	246.1	256.5	268.1	288.2
55	Nondepository institutions.....	53.6	57.3	60.6	66.8
56	Security and commodity brokers.....	128.4	163.2	210.0	290.7
57	Insurance carriers.....	135.5	135.1	135.2	131.1
58	Insurance agents, brokers, and service.....	48.9	51.8	58.9	60.1
59	Real estate.....	903.7	944.9	986.2	1,018.3
60	Nonfarm housing services.....	661.1	677.2	701.3	721.1
61	Other real estate.....	243.0	268.9	286.6	299.3
62	Holding and other investment offices.....	5.8	15.4	10.6	7.4
63	Services.....	1,632.2	1,699.0	1,774.8	1,865.2
64	Hotels and other lodging places.....	64.7	63.3	64.8	67.3
65	Personal services.....	49.2	53.7	52.6	53.5
66	Business services.....	384.1	410.7	452.5	490.9
67	Auto repair, services, and parking.....	69.8	75.1	80.6	83.7
68	Miscellaneous repair services.....	21.1	21.6	20.2	19.6
69	Motion pictures.....	25.8	28.2	29.2	30.0
70	Amusement and recreation services.....	62.9	65.1	68.3	69.5
71	Health services.....	459.5	460.9	470.5	485.4
72	Legal services.....	104.3	107.3	110.4	115.6
73	Educational services.....	58.7	61.1	62.4	64.6
74	Social services.....	50.5	52.3	53.7	55.5
75	Membership organizations.....	49.0	48.3	48.3	49.6
76	Other services.....	221.2	238.6	250.7	269.3
77	Private households.....	11.7	13.3	11.7	12.0
78	Statistical discrepancy ¹	29.2	-30.1	-69.9	-123.0
79	Government.....	1,035.5	1,047.3	1,060.7	1,085.4
80	Federal.....	347.2	347.6	346.5	353.0
81	General government.....	287.9	286.2	285.8	290.1
82	Government enterprises.....	59.4	61.5	60.8	63.1
83	State and local.....	688.3	699.7	714.0	732.2
84	General government.....	629.3	642.5	653.5	669.0
85	Government enterprises.....	58.9	57.3	60.5	63.2
86	Not allocated by industry ²	-33.3	-48.9	-110.6	-170.7

Table 7.—Chain-Type Price Indexes for Gross Domestic Product by Industry, 1997–2000
[1996=100]

Line		1997	1998	1999	2000
1	Gross domestic product.....	101.95	103.20	104.65	107.04
2	Private industries.....	101.43	102.50	103.36	105.86
3	Private goods-producing industries.....	99.74	99.10	99.21	102.65
4	Agriculture, forestry, and fishing.....	90.50	88.00	82.94	81.64
5	Farms.....	85.20	80.35	70.07	65.55
6	Agricultural services, forestry, and fishing.....	103.61	106.76	113.43	119.85
7	Mining.....	101.67	83.73	92.26	133.55
8	Metal mining.....	89.62	69.73	61.30	65.92
9	Coal mining.....	94.89	89.81	78.44	74.54
10	Oil and gas extraction.....	103.10	81.51	95.53	156.88
11	Nonmetallic minerals, except fuels.....	104.04	104.04	105.71	101.95
12	Construction.....	104.18	109.15	115.02	122.25
13	Manufacturing.....	99.45	99.11	97.70	98.24
14	Durable goods.....	97.33	93.03	89.71	87.20
15	Lumber and wood products.....	104.16	104.49	107.69	100.71
16	Furniture and fixtures.....	102.63	106.06	108.71	109.27
17	Stone, clay, and glass products.....	101.56	105.73	110.83	110.53
18	Primary metal industries.....	99.84	97.50	87.64	92.19
19	Fabricated metal products.....	101.49	105.34	109.31	109.13
20	Industrial machinery and equipment.....	90.43	80.97	73.37	71.02
21	Electronic and other electric equipment.....	91.05	75.48	64.72	55.31
22	Motor vehicles and equipment.....	99.46	99.90	103.62	102.87
23	Other transportation equipment.....	101.33	103.02	105.36	113.59
24	Instruments and related products.....	107.65	117.33	122.06	133.40
25	Miscellaneous manufacturing industries.....	101.50	103.94	105.12	104.95
26	Nondurable goods.....	102.38	108.15	109.94	115.83
27	Food and kindred products.....	104.29	108.72	113.27	115.94
28	Tobacco products.....	111.06	145.23	298.10	360.31
29	Textile mill products.....	103.17	106.73	108.08	102.49
30	Apparel and other textile products.....	100.33	103.05	107.74	104.98
31	Paper and allied products.....	92.38	99.22	101.09	119.93
32	Printing and publishing.....	100.50	111.71	116.67	121.73
33	Chemicals and allied products.....	103.31	106.15	103.67	103.77
34	Petroleum and coal products.....	122.73	124.44	88.43	143.21
35	Rubber and miscellaneous plastics products.....	97.88	102.18	101.88	100.62
36	Leather and leather products.....	101.95	105.77	103.33	103.57
37	Private services-producing industries.....	102.08	103.80	104.95	107.08
38	Transportation and public utilities.....	102.94	107.17	105.37	105.56
39	Transportation.....	105.16	111.92	112.70	111.67
40	Railroad transportation.....	100.87	106.44	102.90	98.55
41	Local and interurban passenger transit.....	101.27	108.45	105.93	102.73
42	Trucking and warehousing.....	109.80	119.47	121.54	119.25
43	Water transportation.....	98.98	103.58	115.63	126.08
44	Transportation by air.....	104.51	111.67	111.54	109.39
45	Pipelines, except natural gas.....	92.93	95.88	95.57	95.69
46	Transportation services.....	102.44	100.82	100.33	105.62
47	Communications.....	101.39	103.15	100.81	99.02
48	Telephone and telegraph.....	99.29	98.95	94.44	89.86
49	Radio and television.....	108.33	117.40	123.51	133.57
50	Electric, gas, and sanitary services.....	101.92	105.73	101.24	105.56
51	Wholesale trade.....	97.04	91.65	91.98	95.17
52	Retail trade.....	99.35	98.80	98.96	98.69
53	Finance, insurance, and real estate.....	103.23	105.32	105.67	107.00
54	Depository institutions.....	111.31	116.99	121.43	127.16
55	Nondepository institutions.....	93.12	92.15	88.68	88.31
56	Security and commodity brokers.....	94.11	88.21	66.08	49.59
57	Insurance carriers.....	107.82	111.22	117.11	127.93
58	Insurance agents, brokers, and service.....	104.90	108.95	111.20	111.98
59	Real estate.....	101.81	103.89	106.59	109.62
60	Nonfarm housing services.....	102.72	106.13	109.00	112.40
61	Other real estate.....	99.18	97.77	100.05	102.16
62	Holding and other investment offices.....	132.67	152.21	166.00	209.31
63	Services.....	103.63	107.71	111.61	116.06
64	Hotels and other lodging places.....	108.88	116.19	124.11	128.43
65	Personal services.....	103.75	106.08	109.04	112.84
66	Business services.....	102.98	107.07	111.09	116.46
67	Auto repair, services, and parking.....	104.28	107.93	109.25	112.17
68	Miscellaneous repair services.....	105.50	112.88	124.86	135.89
69	Motion pictures.....	102.16	103.14	109.42	116.59
70	Amusement and recreation services.....	103.17	107.79	109.88	116.20
71	Health services.....	102.77	106.55	109.73	112.65
72	Legal services.....	104.53	108.71	111.49	115.55
73	Educational services.....	104.23	110.50	115.60	121.63
74	Social services.....	104.06	110.18	115.21	121.73
75	Membership organizations.....	105.38	111.00	120.59	127.97
76	Other services.....	103.85	106.65	110.05	113.71
77	Private households.....	102.57	105.44	108.50	113.36
78	Government.....	102.83	105.35	108.58	11

Table 7.A.—Percent Changes in Chain-Type Price Indexes for Gross Domestic Product by Industry

Line		1998	1999	2000	Average annual rate of change 1997–2000
1	Gross domestic product.....	1.2	1.4	2.3	1.6
2	Private industries.....	1.1	0.8	2.4	1.4
3	Private goods-producing industries.....	-0.6	0.1	3.5	1.0
4	Agriculture, forestry, and fishing.....	-2.8	-5.8	-1.6	-3.4
5	Farms.....	-5.7	-12.8	-6.5	-8.4
6	Agricultural services, forestry, and fishing.....	3.0	6.2	5.7	5.0
7	Mining.....	-17.6	10.2	44.8	9.5
8	Metal mining.....	-22.2	-12.1	7.5	-9.7
9	Coal mining.....	-5.3	-12.7	-5.0	-7.7
10	Oil and gas extraction.....	-20.9	17.2	64.2	15.0
11	Nonmetallic minerals, except fuels.....	0.0	1.6	-3.6	-0.7
12	Construction.....	4.8	5.4	6.3	5.5
13	Manufacturing.....	-0.3	-1.4	0.6	-0.4
14	Durable goods.....	-4.4	-3.6	-2.8	-3.6
15	Lumber and wood products.....	0.3	3.1	-6.5	-1.1
16	Furniture and fixtures.....	3.3	2.5	0.5	2.1
17	Stone, clay, and glass products.....	4.1	4.8	-0.3	2.9
18	Primary metal industries.....	-2.3	-10.1	5.2	-2.6
19	Fabricated metal products.....	3.8	3.8	-0.2	2.4
20	Industrial machinery and equipment.....	-10.5	-9.4	-3.2	-7.7
21	Electronic and other electric equipment.....	-17.1	-14.3	-14.5	-15.3
22	Motor vehicles and equipment.....	0.4	3.7	-0.7	1.1
23	Other transportation equipment.....	1.7	2.3	7.8	3.9
24	Instruments and related products.....	9.0	4.0	9.3	7.4
25	Miscellaneous manufacturing industries.....	2.4	1.1	-0.2	1.1
26	Nondurable goods.....	5.6	1.7	5.4	4.2
27	Food and kindred products.....	4.2	4.2	2.4	3.6
28	Tobacco products.....	30.8	105.3	20.9	48.0
29	Textile mill products.....	3.4	1.3	-5.2	-0.2
30	Apparel and other textile products.....	2.7	4.6	-2.6	1.5
31	Paper and allied products.....	7.4	1.9	18.6	9.1
32	Printing and publishing.....	5.9	4.4	4.3	4.9
33	Chemicals and allied products.....	5.8	-2.2	-0.0	1.1
34	Petroleum and coal products.....	1.4	-28.9	61.9	5.3
35	Rubber and miscellaneous plastics products.....	4.4	-0.3	-1.2	0.9
36	Leather and leather products.....	3.7	0.5	-2.6	0.5
37	Private services-producing industries.....	1.7	1.1	2.0	1.6
38	Transportation and public utilities.....	4.1	-1.7	0.2	0.8
39	Transportation.....	6.4	0.7	-0.9	2.0
40	Railroad transportation.....	5.5	-3.3	-4.2	-0.8
41	Local and interurban passenger transit.....	7.1	-2.3	-3.0	0.5
42	Trucking and warehousing.....	8.8	1.7	-1.9	2.8
43	Water transportation.....	4.6	11.6	9.0	8.4
44	Transportation by air.....	6.9	-0.1	-1.9	1.5
45	Pipelines, except natural gas.....	3.2	-0.3	0.1	1.0
46	Transportation services.....	-1.6	-0.5	5.3	1.0
47	Communications.....	1.7	-2.3	-1.8	-0.8
48	Telephone and telegraph.....	-0.3	-4.6	-4.9	-3.3
49	Radio and television.....	8.4	5.2	8.1	7.2
50	Electric, gas, and sanitary services.....	3.7	-4.2	4.3	1.2
51	Wholesale trade.....	-5.6	0.4	3.5	-0.6
52	Retail trade.....	-0.6	0.2	-0.3	-0.2
53	Finance, insurance, and real estate.....	2.0	0.3	1.3	1.2
54	Depository institutions.....	5.1	3.8	4.7	4.5
55	Nondepository institutions.....	-1.0	-3.8	-0.4	-1.8
56	Security and commodity brokers.....	-6.3	-25.1	-25.0	-19.2
57	Insurance carriers.....	3.2	5.3	9.2	5.9
58	Insurance agents, brokers, and service.....	3.9	2.1	0.7	2.2
59	Real estate.....	2.0	2.6	2.8	2.5
60	Nonfarm housing services.....	3.3	2.7	3.1	3.0
61	Other real estate.....	-1.4	2.3	2.1	1.0
62	Holding and other investment offices.....	14.7	9.1	26.1	16.4
63	Services.....	3.9	3.6	4.0	3.8
64	Hotels and other lodging places.....	6.7	6.8	3.5	5.7
65	Personal services.....	2.2	2.8	3.5	2.8
66	Business services.....	4.0	3.8	4.8	4.2
67	Auto repair, services, and parking.....	3.5	1.2	2.7	2.5
68	Miscellaneous repair services.....	7.0	10.6	8.8	8.8
69	Motion pictures.....	1.0	6.1	6.6	4.5
70	Amusement and recreation services.....	4.5	1.9	5.8	4.0
71	Health services.....	3.7	3.0	2.7	3.1
72	Legal services.....	4.0	2.5	3.6	3.4
73	Educational services.....	6.0	4.6	5.2	5.3
74	Social services.....	5.9	4.6	5.7	5.4
75	Membership organizations.....	5.3	8.6	6.1	6.7
76	Other services.....	2.7	3.2	3.3	3.1
77	Private households.....	2.8	2.9	4.5	3.4
78	Government.....	2.4	3.1	3.2	2.9
79	Federal.....	1.4	3.0	2.8	2.4
80	General government.....	1.6	3.3	3.5	2.8
81	Government enterprises.....	0.1	1.5	-1.2	0.1
82	State and local.....	3.0	3.1	3.4	3.2
83	General government.....	2.8	3.4	3.7	3.3
84	Government enterprises.....	5.1	-0.4	1.0	1.9

Table 8.—Gross Output by Industry, 1997–2000 [Billions of dollars]

Line		1997	1998	1999	2000
1	All industries.....	14,465.7	15,141.6	16,018.9	17,244.4
2	Private industries.....	13,322.5	13,955.9	14,779.7	15,936.0
3	Private goods-producing industries.....	4,966.6	5,021.6	5,235.7	5,600.3
4	Agriculture, forestry, and fishing.....	285.8	279.1	279.4	290.7
5	Farms.....	226.3	214.6	208.3	214.7
6	Agricultural services, forestry, and fishing.....	59.5	64.4	71.1	76.0
7	Mining.....	198.0	165.5	171.2	242.5
8	Metal mining.....	12.6	10.9	9.5	9.9
9	Coal mining.....	27.2	26.9	25.2	24.7
10	Oil and gas extraction.....	139.9	109.1	117.3	188.4
11	Nonmetallic minerals, except fuels.....	18.2	18.5	19.2	19.6
12	Construction.....	603.0	633.8	689.2	731.7
13	Manufacturing.....	3,879.8	3,943.3	4,095.9	4,335.3
14	Durable goods.....	2,109.3	2,188.1	2,283.9	2,391.3
15	Lumber and wood products.....	110.4	113.6	121.9	111.4
16	Furniture and fixtures.....	60.0	64.9	68.2	72.4
17	Stone, clay, and glass products.....	85.3	91.7	97.2	96.0
18	Primary metal industries.....	188.0	187.3	178.9	188.6
19	Fabricated metal products.....	224.6	236.4	238.7	240.4
20	Industrial machinery and equipment.....	388.3	399.4	398.9	443.5
21	Electronic and other electric equipment.....	341.3	340.3	363.3	426.8
22	Motor vehicles and equipment.....	354.9	369.8	421.6	408.6
23	Other transportation equipment.....	153.4	174.7	181.4	181.3
24	Instruments and related products.....	152.0	157.6	160.2	165.8
25	Miscellaneous manufacturing industries.....	51.1	52.3	53.7	56.6
26	Nondurable goods.....	1,770.6	1,755.2	1,812.0	1,944.0
27	Food and kindred products.....	470.8	478.9	479.6	491.2
28	Tobacco products.....	41.3	45.2	50.9	54.7
29	Textile mill products.....	81.7	80.3	77.1	75.8
30	Apparel and other textile products.....	78.7	76.2	78.0	80.1
31	Paper and allied products.....	156.6	162.0	164.8	178.2
32	Printing and publishing.....	209.6	213.8	221.9	230.3
33	Chemicals and allied products.....	391.1	392.8	396.6	419.0
34	Petroleum and coal products.....	173.8	134.9	164.5	226.6
35	Rubber and miscellaneous plastics products.....	157.6	162.5	170.2	179.7
36	Leather and leather products.....	9.5	8.7	8.4	8.4
37	Private services-producing industries.....	8,355.9	8,934.3	9,544.0	10,335.7
38	Transportation and public utilities.....	1,232.4	1,306.5	1,388.8	1,509.7
39	Transportation.....	508.8	541.8	574.8	617.0
40	Railroad transportation.....	41.4	42.0	42.1	42.9
41	Local and interurban passenger transit.....	25.2	27.1	27.7	29.0
42	Trucking and warehousing.....	227.6	246.1	265.1	280.5
43	Water transportation.....	37.9	38.8	41.2	47.5
44	Transportation by air.....	127.7	134.9	142.0	156.3
45	Pipelines, except natural gas.....	7.7	7.4	7.8	7.9
46	Transportation services.....	41.4	45.5	48.8	52.8
47	Communications.....	379.6	422.3	473.2	511.9
48	Telephone and telegraph.....	294.2	327.4	367.5	393.5
49	Radio and television.....	85.4	94.9	105.7	118.4
50	Electric, gas, and sanitary services.....	343.9	342.4	340.8	380.8
51	Wholesale trade.....	828.0	844.3	907.1	979.8
52	Retail trade.....	1,118.3	1,184.2	1,272.0	1,366.2
53	Finance, insurance, and real estate.....	2,470.3	2,637.3	2,789.5	3,017.6
54	Depository institutions.....	383.5	413.7	442.9	477.1
55	Nondepository institutions.....	131.5	134.4	141.9	149.4
56	Security and commodity brokers.....	206.5	255.5	276.0	342.5
57	Insurance carriers.....	299.3	288.3	291.6	308.5
58	Insurance agents, brokers, and service.....	79.5	91.2	99.7	104.6
59	Real estate.....	1,342.0	1,408.5	1,495.6	1,591.6
60	Nonfarm housing services.....	784.0	832.1	879.2	925.5
61	Other real estate.....	558.0	576.4	616.3	666.2
62	Holding and other investment offices.....	28.0	45.7	42.0	43.8
63	Services.....	2,706.9	2,962.0	3,186.7	3,462.4
64	Hotels and other lodging places.....	114.0	121.9	131.1	143.7
65	Personal services.....	88.0	94.5	100.5	108.2
66	Business services.....	583.7	676.9	760.4	851.6
67	Auto repair, services, and parking.....	129.9	140.2	148.6	157.3
68	Miscellaneous repair services.....	47.1	51.8	53.9	57.0
69	Motion pictures.....	60.4	63.6	69.3	74.0
70	Amusement and recreation services.....	120.7	127.9	136.5	143.9
71	Health services.....	722.0	762.2	793.9	840.5
72	Legal services.....	143.2	153.0	162.5	172.5
73	Educational services.....	109.4	117.3	123.2	129.8
74	Social services.....	102.6	111.3	122.4	137.1
75	Membership organizations.....	94.5	102.8	105.7	112.4
76	Other services.....	379.5	424.7	466.0	520.9
77	Private households.....	12.0	14.0	12.7	13.6
78	Government.....	1,143.1	1,185.7	1,239.2	1,308.4
79	Federal.....	368.5	374.1	386.2	403.9
80	General government.....	295.4	298.6	308.1	323.8
81	Government enterprises.....	73.1	75.6	78.1	80.1
82	State and local.....	774.6	811.6	853.0	904.5
83	General government.....	649.2	681.2	716.6	760.4
84	Government enterprises.....	125.4	130.3	136.4	144.1

Table 9.—Intermediate Inputs by Industry,
1997–2000
[Billions of dollars]

Line	1997	1998	1999	2000
1 All industries	6,177.0	6,329.1	6,677.5	7,241.0
2 Private industries	6,098.7	6,246.7	6,590.1	7,149.0
3 Private goods-producing industries	2,999.9	2,981.0	3,082.8	3,307.2
4 Agriculture, forestry, and fishing	155.8	151.1	152.1	155.0
5 Farms	138.1	134.1	134.0	135.7
6 Agricultural services, forestry, and fishing	17.7	17.0	18.1	19.3
7 Mining	79.1	65.2	67.9	115.5
8 Metal mining	7.0	5.5	4.5	5.0
9 Coal mining	16.6	16.2	14.6	14.7
10 Oil and gas extraction	48.1	36.3	41.1	88.8
11 Nonmetallic minerals, except fuels	7.4	7.2	7.7	7.0
12 Construction	264.8	252.9	263.6	268.1
13 Manufacturing	2,500.2	2,511.8	2,599.1	2,768.7
14 Durable goods	1,318.1	1,357.4	1,418.2	1,489.6
15 Lumber and wood products	69.2	71.7	75.7	66.9
16 Furniture and fixtures	37.3	40.6	42.2	45.7
17 Stone, clay, and glass products	48.1	53.0	54.7	52.1
18 Primary metal industries	135.5	134.2	128.7	135.7
19 Fabricated metal products	127.0	134.7	131.2	131.7
20 Industrial machinery and equipment	245.2	240.8	241.6	275.9
21 Electronic and other electric equipment	175.4	181.2	197.7	245.6
22 Motor vehicles and equipment	258.3	258.3	302.7	288.3
23 Other transportation equipment	97.8	116.4	116.9	118.6
24 Instruments and related products	98.4	100.0	101.4	101.6
25 Miscellaneous manufacturing industries	25.9	26.5	25.4	27.5
26 Nondurable goods	1,182.2	1,154.4	1,181.0	1,279.1
27 Food and kindred products	347.6	357.0	346.7	354.1
28 Tobacco products	25.9	27.9	32.0	32.3
29 Textile mill products	56.0	54.6	51.6	51.1
30 Apparel and other textile products	52.2	50.2	53.7	56.6
31 Paper and allied products	102.7	106.3	106.8	118.3
32 Printing and publishing	118.5	118.2	119.2	124.8
33 Chemicals and allied products	226.3	228.0	221.5	227.9
34 Petroleum and coal products	142.4	102.0	134.1	190.1
35 Rubber and miscellaneous plastics products	105.5	105.6	110.9	119.5
36 Leather and leather products	5.1	4.7	4.4	4.4
37 Private services-producing industries	3,098.8	3,265.7	3,507.3	3,841.8
38 Transportation and public utilities	544.0	574.5	612.0	684.7
39 Transportation	247.1	253.1	272.1	303.1
40 Railroad transportation	18.4	17.8	18.9	20.0
41 Local and interurban passenger transit	10.3	10.3	10.1	10.3
42 Trucking and warehousing	128.3	132.0	143.2	154.5
43 Water transportation	24.8	25.1	27.5	32.7
44 Transportation by air	49.1	49.1	51.8	63.4
45 Pipelines, except natural gas	1.9	1.3	1.7	1.8
46 Transportation services	14.3	17.5	18.9	20.5
47 Communications	158.8	183.8	214.6	230.8
48 Telephone and telegraph	127.4	148.0	171.0	184.6
49 Radio and television	31.4	35.8	43.6	46.2
50 Electric, gas, and sanitary services	138.1	137.6	125.3	150.8
51 Wholesale trade	261.1	236.4	273.5	305.6
52 Retail trade	377.8	393.9	437.0	472.4
53 Finance, insurance, and real estate	900.4	928.8	978.9	1,081.3
54 Depository institutions	109.5	113.7	117.3	110.6
55 Nondepository institutions	81.6	81.5	88.1	90.5
56 Security and commodity brokers	85.7	111.6	137.3	198.4
57 Insurance carriers	153.1	138.0	133.3	140.8
58 Insurance agents, brokers, and service	28.2	34.7	34.2	37.4
59 Real estate	422.0	426.9	444.3	475.5
60 Nonfarm housing services	104.9	113.4	114.8	115.0
61 Other real estate	317.0	313.5	329.5	360.4
62 Holding and other investment offices	20.2	22.3	24.4	28.3
63 Services	1,015.5	1,132.1	1,205.8	1,297.8
64 Hotels and other lodging places	43.5	48.4	50.7	57.2
65 Personal services	37.0	37.5	43.1	47.9
66 Business services	188.1	237.1	257.7	279.9
67 Auto repair, services, and parking	57.1	59.2	60.5	63.3
68 Miscellaneous repair services	24.8	27.4	28.7	30.3
69 Motion pictures	34.0	34.4	37.3	39.1
70 Amusement and recreation services	55.8	57.8	61.4	63.2
71 Health services	249.8	271.2	277.5	293.7
72 Legal services	34.2	36.4	39.5	38.9
73 Educational services	48.3	49.8	51.1	51.2
74 Social services	50.1	53.6	60.6	69.5
75 Membership organizations	42.9	49.2	47.4	48.9
76 Other services	149.8	170.3	190.1	214.6
77 Private households	0.0	0.0	0.0	0.0
78 Government	78.3	82.4	87.5	92.0
79 Federal	13.8	14.2	16.5	17.0
80 General government	0.0	0.0	0.0	0.0
81 Government enterprises	13.8	14.2	16.5	17.0
82 State and local	64.5	68.1	70.9	75.0
83 General government	0.0	0.0	0.0	0.0
84 Government enterprises	64.5	68.1	70.9	75.0

Table 10.—Chain-Type Quantity Indexes for Gross Output
by Industry, 1997–2000
[1996=100]

Line	1997	1998	1999	2000
1 All Industries	105.28	110.28	115.39	120.70
2 Private industries	105.65	110.97	116.41	122.02
3 Private goods-producing industries	106.59	110.81	115.23	119.05
4 Agriculture, forestry, and fishing	106.17	108.09	111.58	113.58
5 Farms	106.70	107.13	109.74	111.60
6 Agricultural services, forestry, and fishing	104.13	111.40	117.80	120.26
7 Mining	104.16	101.75	96.93	99.70
8 Metal mining	105.87	104.38	97.31	94.49
9 Coal mining	102.23	104.23	102.78	100.81
10 Oil and gas extraction	104.41	100.13	93.77	97.77
11 Nonmetallic minerals, except fuels	104.01	107.31	109.19	111.02
12 Construction	105.43	107.58	112.60	114.44
13 Manufacturing	106.92	111.98	116.80	121.15
14 Durable goods	108.76	117.04	125.14	133.54
15 Lumber and wood products	100.97	105.52	110.39	103.16
16 Furniture and fixtures	108.43	116.23	120.68	126.53
17 Stone, clay, and glass products	104.44	110.42	113.89	110.85
18 Primary metal industries	104.48	108.70	108.54	110.08
19 Fabricated metal products	105.75	110.33	110.93	110.77
20 Industrial machinery and equipment	111.01	122.65	130.05	149.66
21 Electronic and other electric equipment	116.51	131.18	153.46	201.09
22 Motor vehicles and equipment	109.68	115.59	131.19	126.99
23 Other transportation equipment	111.44	126.30	129.77	126.27
24 Instruments and related products	102.21	105.76	107.80	111.34
25 Miscellaneous manufacturing industries	103.08	104.90	106.95	112.22
26 Nondurable goods	104.79	106.16	107.34	107.44
27 Food and kindred products	104.08	108.35	108.97	109.79
28 Tobacco products	99.81	98.26	85.73	84.40
29 Textile mill products	102.35	100.94	99.36	97.81
30 Apparel and other textile products	104.04	99.84	102.03	104.33
31 Paper and allied products	102.04	103.59	105.33	105.95
32 Printing and publishing	104.24	103.33	105.18	106.23
33 Chemicals and allied products	108.10	109.12	109.71	110.16
34 Petroleum and coal products	103.76	103.49	108.63	101.94
35 Rubber and miscellaneous plastics products	106.85	110.66	115.80	119.82
36 Leather and leather products	103.13	96.15	92.34	91.72
37 Private services-producing industries	105.09	111.03	117.05	123.66
38 Transportation and public utilities	103.73	109.38	115.94	121.37
39 Transportation	103.39	108.09	112.27	115.90
40 Railroad transportation	101.07	100.94	102.01	102.66
41 Local and interurban passenger transit	103.84	110.53	112.18	114.57
42 Trucking and warehousing	101.77	107.18	112.25	114.36
43 Water transportation	103.34	104.39	110.61	112.59
44 Transportation by air	105.88	110.16	114.27	120.57
45 Pipelines, except natural gas	103.18	97.40	103.04	102.88
46 Transportation services	107.20	118.51	126.18	130.61
47 Communications	107.75	119.17	135.45	148.00
48 Telephone and telegraph	109.45	122.89	142.27	157.16
49 Radio and television	102.13	107.22	114.34	120.32
50 Electric, gas, and sanitary services	100.05	101.12	101.10	102.12
51 Wholesale trade	106.86	113.76	121.67	127.89
52 Retail trade	104.14	110.42	117.69	125.37
53 Finance, insurance, and real estate	106.16	110.52	115.95	123.51
54 Depository institutions	102.87	106.20	110.02	113.63
55 Nondepository institutions	121.42	121.29	128.70	132.93
56 Security and commodity brokers	125.92	160.14	201.63	287.06
57 Insurance carriers	108.58	101.43	98.93	99.06
58 Insurance agents, brokers, and service	103.43	115.07	123.53	127.85
59 Real estate	102.80	105.17	108.99	112.80
60 Nonfarm housing services	101.91	104.77	107.71	109.98
61 Other real estate	104.08	105.74	110.86	116.93
62 Holding and other investment offices	110.82	165.73	143.94	136.32
63 Services	104.60	111.70	116.96	122.95
64 Hotels and other lodging places	100.60	102.85	105.57	111.93
65 Personal services	100.88	106.31	110.28	115.03
66 Business services	112.49	128.29	141.23	153.40
67 Auto repair, services, and parking	101.63	107.84	112.66	115.53
68 Miscellaneous repair services	98.78	106.11	104.89	106.44
69 Motion pictures	103.85	107.93	112.25	113.69
70 Amusement and recreation services	106.10	109.22	111.49	112.12
71 Health services	102.58	105.62	107.54	110.90
72 Legal services	102.62	105.95	109.82	112.59
73 Educational services	102.11	105.35	107.00	108.07
74 Social services	101.21	106.22	113.24	121.45
75 Membership organizations	95.00	100.22	98.17	99.61
76 Other services	106.09	116.14	124.08	134.32
77 Private households	97.71	110.40	97.57	99.69
78 Government	101.15	102.67	104.12	106.27
79 Federal	99.32	99.55	99.75	101.42
80 General government	98.60	98.02	97.89	99.35
81 Government enterprises	102.30	105.97	107.62	110.16
82 State and local	102.05	104.19	106.24	108.63
83 General government	102.05	104.18	105.98	108.49
84 Government enterprises	102.04	104.21	107.63	109.37

Table 11.—Chain-Type Price Indexes for Gross Output by Industry, 1997–2000 [1996=100]

Line		1997	1998	1999	2000
1	All industries	101.25	101.18	102.30	105.28
2	Private industries	101.12	100.85	101.81	104.73
3	Private goods-producing industries	99.56	96.82	97.07	100.50
4	Agriculture, forestry, and fishing	96.71	92.75	89.94	91.95
5	Farms	95.29	90.02	85.27	86.43
6	Agricultural services, forestry, and fishing	102.42	103.70	108.16	113.35
7	Mining	101.87	87.14	94.66	130.38
8	Metal mining	94.80	82.74	77.79	83.05
9	Coal mining	98.17	95.18	90.37	90.37
10	Oil and gas extraction	103.22	83.95	96.33	148.40
11	Nonmetallic minerals, except fuels	102.73	101.29	103.30	103.55
12	Construction	103.16	106.25	110.39	115.32
13	Manufacturing	99.11	96.19	95.78	97.74
14	Durable goods	98.26	94.73	92.47	90.73
15	Lumber and wood products	103.56	102.01	104.63	102.28
16	Furniture and fixtures	101.48	102.49	103.64	104.97
17	Stone, clay, and glass products	101.41	103.09	105.89	107.46
18	Primary metal industries	100.71	96.41	92.23	95.88
19	Fabricated metal products	101.16	102.04	102.48	103.34
20	Industrial machinery and equipment	94.25	87.73	82.65	79.85
21	Electronic and other electric equipment	93.33	82.66	75.43	67.63
22	Motor vehicles and equipment	99.23	98.11	98.55	98.67
23	Other transportation equipment	101.03	101.56	102.59	105.38
24	Instruments and related products	100.50	100.71	100.42	100.68
25	Miscellaneous manufacturing industries	100.96	101.57	102.25	102.64
26	Nondurable goods	100.14	97.99	100.04	107.23
27	Food and kindred products	100.37	98.07	97.66	99.26
28	Tobacco products	104.42	116.15	149.74	163.48
29	Textile mill products	100.35	100.02	97.50	97.40
30	Apparel and other textile products	100.83	101.69	101.92	102.36
31	Paper and allied products	96.34	98.20	98.23	105.59
32	Printing and publishing	101.95	104.87	106.96	109.91
33	Chemicals and allied products	100.89	100.39	100.83	106.07
34	Petroleum and coal products	98.17	76.39	88.79	130.32
35	Rubber and miscellaneous plastics products	99.76	99.34	99.41	101.47
36	Leather and leather products	101.96	100.98	100.67	102.07
37	Private services-producing industries	102.07	103.29	104.67	107.29
38	Transportation and public utilities	102.17	102.72	103.01	106.97
39	Transportation	102.98	104.88	107.12	111.39
40	Railroad transportation	100.65	102.30	101.42	102.62
41	Local and interurban passenger transit	100.30	101.34	101.98	104.53
42	Trucking and warehousing	104.63	107.38	110.50	114.74
43	Water transportation	100.79	102.13	108.23	116.04
44	Transportation by air	102.81	104.42	105.97	110.56
45	Pipelines, except natural gas	94.81	96.79	97.00	98.49
46	Transportation services	102.32	101.80	102.50	107.22
47	Communications	101.01	101.61	100.16	99.18
48	Telephone and telegraph	99.55	98.69	95.67	92.74
49	Radio and television	106.22	112.36	117.37	124.93
50	Electric, gas, and sanitary services	102.25	100.73	100.27	110.91
51	Wholesale trade	98.10	93.97	94.39	97.00
52	Retail trade	100.28	100.16	100.92	101.76
53	Finance, insurance, and real estate	103.55	106.19	107.06	108.72
54	Depository institutions	108.78	113.69	117.48	122.54
55	Nondepository institutions	99.88	102.16	101.64	103.64
56	Security and commodity brokers	96.89	94.27	80.88	70.50
57	Insurance carriers	105.41	108.69	112.70	119.09
58	Insurance agents, brokers, and service	103.93	107.04	109.05	110.59
59	Real estate	102.94	105.60	108.20	111.26
60	Nonfarm housing services	102.88	106.20	109.15	112.53
61	Other real estate	103.03	104.76	106.85	109.48
62	Holding and other investment offices	109.34	119.46	126.30	139.09
63	Services	102.72	105.26	108.15	111.78
64	Hotels and other lodging places	106.41	111.28	116.63	120.56
65	Personal services	103.15	105.03	107.73	111.24
66	Business services	101.62	103.35	105.46	108.74
67	Auto repair, services, and parking	102.76	104.55	106.08	109.46
68	Miscellaneous repair services	102.71	105.22	110.71	115.36
69	Motion pictures	102.41	103.76	108.78	114.73
70	Amusement and recreation services	102.71	105.73	110.52	115.93
71	Health services	102.30	104.90	107.30	110.16
72	Legal services	104.06	107.70	110.34	114.21
73	Educational services	103.21	107.24	110.88	115.67
74	Social services	102.77	106.14	109.52	114.37
75	Membership organizations	103.43	106.61	111.97	117.33
76	Other services	103.21	105.53	108.38	111.89
77	Private households	102.57	105.44	108.50	113.36
78	Government	102.75	105.00	108.21	111.94
79	Federal	102.10	103.41	106.54	109.60
80	General government	102.61	104.30	107.79	111.62
81	Government enterprises	100.02	99.89	101.67	101.88
82	State and local	103.06	105.76	109.01	113.05
83	General government	103.16	106.04	109.66	113.66
84	Government enterprises	102.55	104.34	105.70	109.90

Table 12.—Chain-Type Quantity Indexes for Intermediate Inputs by Industry, 1997–2000 [1996=100]

Line		1997	1998	1999	2000
1	All industries	105.86	110.50	115.30	120.83
2	Private industries	105.99	110.60	115.43	121.06
3	Private goods-producing industries	102.97	111.50	114.89	119.00
4	Agriculture, forestry, and fishing	102.91	105.25	106.72	102.96
5	Farms	103.10	105.88	106.53	101.70
6	Agricultural services, forestry, and fishing	101.46	100.45	108.15	112.51
7	Mining	105.20	95.78	93.83	123.18
8	Metal mining	104.80	85.35	69.79	72.32
9	Coal mining	103.74	102.68	92.01	89.22
10	Oil and gas extraction	106.22	93.39	95.83	145.57
11	Nonmetallic minerals, except fuels	102.54	103.80	108.58	92.04
12	Construction	109.25	103.72	109.39	106.58
13	Manufacturing	107.77	113.24	116.99	121.11
14	Durable goods	108.84	115.67	122.87	130.80
15	Lumber and wood products	102.16	108.65	112.05	98.62
16	Furniture and fixtures	109.37	119.72	124.04	132.01
17	Stone, clay, and glass products	100.21	110.54	112.65	104.34
18	Primary metal industries	104.85	109.31	107.00	109.00
19	Fabricated metal products	107.74	115.79	111.13	113.68
20	Industrial machinery and equipment	108.07	111.25	115.46	136.62
21	Electronic and other electric equipment	114.25	125.28	141.95	189.32
22	Motor vehicles and equipment	111.42	113.40	134.04	127.12
23	Other transportation equipment	114.41	136.19	136.30	138.11
24	Instruments and related products	107.90	114.65	119.37	125.57
25	Miscellaneous manufacturing industries	101.68	105.16	100.79	107.81
26	Nondurable goods	106.60	110.55	110.53	110.69
27	Food and kindred products	105.75	113.57	112.57	113.43
28	Tobacco products	103.57	110.63	125.51	124.16
29	Textile mill products	104.18	103.70	102.39	98.96
30	Apparel and other textile products	107.32	103.33	112.60	116.53
31	Paper and allied products	100.87	105.23	106.75	115.68
32	Printing and publishing	109.52	108.62	109.57	113.14
33	Chemicals and allied products	109.00	116.36	109.37	102.70
34	Petroleum and coal products	108.26	106.79	106.91	104.95
35	Rubber and miscellaneous plastics products	106.71	109.97	115.11	119.51
36	Leather and leather products	104.86	100.98	96.33	90.86
37	Private services-producing industries	104.48	109.72	115.82	122.80
38	Transportation and public utilities	108.27	118.85	123.15	126.99
39	Transportation	104.58	110.40	114.34	116.40
40	Railroad transportation	106.24	105.94	110.14	108.02
41	Local and interurban passenger transit	96.50	104.30	96.69	87.23
42	Trucking and warehousing	104.51	109.90	114.76	113.84
43	Water transportation	100.80	102.59	108.79	121.57
44	Transportation by air	105.45	113.04	114.14	121.45
45	Pipelines, except natural gas	89.49	61.75	80.58	77.23
46	Transportation services	116.99	141.13	148.35	155.66
47	Communications	117.92	137.71	161.40	173.60
48	Telephone and telegraph	120.24	141.77	165.93	180.92
49	Radio and television	109.21	122.66	144.58	147.26
50	Electric, gas, and sanitary services	104.98	114.55	98.59	97.76
51	Wholesale trade	100.00	91.46	105.10	116.04
52	Retail trade	96.50	99.85	108.67	114.07
53	Finance, insurance, and real estate	106.72	106.39	110.19	119.25
54	Depository institutions	104.75	105.54	106.70	97.64
55	Nondepository institutions	113.30	108.40	115.32	114.38
56	Security and commodity brokers	137.99	175.65	215.90	314.91
57	Insurance carriers	107.41	93.93	88.98	92.58
58	Insurance agents, brokers, and service	110.04	133.16	129.40	137.38
59	Real estate	100.90	98.32	100.22	104.29
60	Nonfarm housing services	108.29	113.98	111.68	108.73
61	Other real estate	98.66	93.60	96.75	102.94
62	Holding and other investment offices	106.52	110.45	117.34	134.23
63	Services	105.03	116.93	122.91	129.26
64	Hotels and other lodging places	105.52	115.76	119.18	130.36
65	Personal services	97.52	97.50	109.77	118.31
66	Business services	113.10	146.33	160.85	175.04
67	Auto repair, services, and parking	101.27	105.53	106.09	106.73
68	Miscellaneous repair services	100.71	112.80	117.42	123.62
69	Motion pictures	103.33	102.84	107.45	107.62
70	Amusement and recreation services	104.10	106.55	105.34	104.41
71	Health services	107.62	116.29	117.80	121.41
72	Legal services	92.19	96.08	102.16	97.71
73	Educational services	103.37	105.34	106.29	103.51
74	Social services	100.74	107.26	119.09	132.44
75	Membership organizations	90.13	102.67	98.11	98.04
76	Other services	106.42	119.11	130.44	142.77
77	Private households	106.88	103.12	106.38	105.06
78	Government	82.78	86.07	97.02	94.51
79	Federal	82.78	86.07	97.02	94.51
80	General government	82.78	86.07	97.02	94.51
81	Government enterprises	82.78	86.07	97.02	94.51
82	State and local	100.57	107.57	108.83	107.82
83	General government	100.57	107.57	108.83	107.82
84	Government enterprises	100.57	107.57	108.83	107.82

Table 13.—Chain-Type Price Indexes for Intermediate Inputs by Industry, 1997–2000

[1996=100]

Line		1997	1998	1999	2000
1	All industries	100.77	98.92	100.02	103.50
2	Private industries	100.76	98.90	99.98	103.42
3	Private goods-producing industries	99.44	95.33	95.68	99.10
4	Agriculture, forestry, and fishing	102.34	97.03	96.36	101.74
5	Farms	102.68	97.10	96.47	102.31
6	Agricultural services, forestry, and fishing	99.76	96.58	95.57	97.79
7	Mining	102.18	92.55	98.38	127.43
8	Metal mining	99.32	95.55	96.16	101.94
9	Coal mining	100.42	98.89	99.39	103.00
10	Oil and gas extraction	103.46	88.88	97.98	139.59
11	Nonmetallic minerals, except fuels	100.88	97.35	99.87	106.34
12	Construction	101.84	102.45	104.10	105.66
13	Manufacturing	98.93	94.59	94.74	97.49
14	Durable goods	98.84	95.77	94.20	92.95
15	Lumber and wood products	103.20	100.57	102.86	103.41
16	Furniture and fixtures	100.78	100.40	100.69	102.45
17	Stone, clay, and glass products	101.29	101.16	102.34	105.30
18	Primary metal industries	101.05	95.99	94.09	97.36
19	Fabricated metal products	100.90	99.59	97.49	99.12
20	Industrial machinery and equipment	96.58	92.16	89.10	85.99
21	Electronic and other electric equipment	95.57	90.01	86.72	80.75
22	Motor vehicles and equipment	99.14	97.40	96.57	96.99
23	Other transportation equipment	100.86	100.79	101.15	101.26
24	Instruments and related products	96.81	92.64	90.16	85.92
25	Miscellaneous manufacturing industries	100.46	99.32	99.51	100.48
26	Nondurable goods	99.03	93.25	95.42	103.20
27	Food and kindred products	99.02	94.69	92.77	94.04
28	Tobacco products	100.66	101.59	102.66	105.03
29	Textile mill products	99.07	97.05	92.89	95.17
30	Apparel and other textile products	101.09	101.01	99.21	100.96
31	Paper and allied products	98.52	97.71	96.80	98.90
32	Printing and publishing	99.25	99.80	99.78	101.21
33	Chemicals and allied products	101.31	96.46	98.85	108.26
34	Petroleum and coal products	93.66	68.01	89.35	129.02
35	Rubber and miscellaneous plastics products	100.71	97.88	98.14	101.90
36	Leather and leather products	101.96	97.08	96.07	100.94
37	Private services-producing industries	102.06	102.43	104.20	107.66
38	Transportation and public utilities	101.19	97.35	100.09	108.59
39	Transportation	100.76	97.77	101.47	111.05
40	Railroad transportation	100.37	97.14	99.49	107.33
41	Local and interurban passenger transit	99.01	91.56	96.81	109.09
42	Trucking and warehousing	100.85	98.69	102.54	111.54
43	Water transportation	101.73	101.32	104.55	111.24
44	Transportation by air	100.21	93.56	97.61	112.27
45	Pipelines, except natural gas	100.32	98.43	100.84	107.48
46	Transportation services	102.10	103.52	106.20	109.97
47	Communications	100.46	99.54	99.19	99.16
48	Telephone and telegraph	99.93	98.42	97.19	96.22
49	Radio and television	102.58	104.21	107.68	111.92
50	Electric, gas, and sanitary services	102.78	93.86	99.31	120.55
51	Wholesale trade	100.35	99.35	100.01	101.22
52	Retail trade	102.02	102.79	104.79	107.90
53	Finance, insurance, and real estate	104.12	107.74	109.63	111.90
54	Depository institutions	102.86	105.99	108.18	111.48
55	Nondepository institutions	104.07	108.68	110.42	114.26
56	Security and commodity brokers	101.44	103.78	103.85	102.89
57	Insurance carriers	103.24	106.41	108.42	110.14
58	Insurance agents, brokers, and service	102.13	103.70	105.29	108.19
59	Real estate	105.45	109.49	111.80	114.94
60	Nonfarm housing services	103.92	106.69	110.21	113.42
61	Other real estate	105.94	110.43	112.30	115.42
62	Holding and other investment offices	102.94	109.37	112.64	114.43
63	Services	101.24	101.37	102.72	105.13
64	Hotels and other lodging places	102.50	103.85	105.70	109.07
65	Personal services	102.37	103.60	105.95	109.08
66	Business services	98.89	96.34	95.26	95.05
67	Auto repair, services, and parking	100.89	100.36	102.15	106.19
68	Miscellaneous repair services	100.29	98.84	99.53	99.89
69	Motion pictures	102.59	104.26	108.19	113.11
70	Amusement and recreation services	102.18	103.36	111.10	115.36
71	Health services	101.41	101.86	102.91	105.67
72	Legal services	102.68	104.65	106.90	110.12
73	Educational services	101.93	103.16	104.93	108.10
74	Social services	101.46	102.05	103.86	107.21
75	Membership organizations	101.28	101.87	102.86	106.08
76	Other services	102.25	103.86	105.90	109.23
77	Private households				
78	Government	101.67	100.43	103.37	110.11
79	Federal	101.17	100.12	103.00	108.73
80	General government				
81	Government enterprises	101.17	100.12	103.00	108.73
82	State and local	101.79	100.51	103.46	110.43
83	General government				
84	Government enterprises	101.79	100.51	103.46	110.43

Table 14.—Current Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group, 1997–2000

[Dollars]

Line		1997	1998	1999	2000
1	Total	1.014	1.025	1.034	1.059
2	Compensation of employees	0.530	0.542	0.551	0.568
3	Indirect business tax and nontax liability	0.091	0.091	0.090	0.092
4	Property-type income	0.394	0.392	0.393	0.399
5	Goods-producing industries	0.997	0.991	0.992	1.027
6	Compensation of employees	0.584	0.595	0.591	0.611
7	Indirect business tax and nontax liability	0.039	0.039	0.039	0.043
8	Property-type income	0.374	0.357	0.362	0.372
9	Agriculture, forestry and fishing	0.905	0.880	0.829	0.816
10	Compensation of employees	0.298	0.319	0.325	0.310
11	Indirect business tax and nontax liability	0.048	0.048	0.048	0.045
12	Property-type income	0.558	0.513	0.457	0.461
13	Mining	1.017	0.837	0.923	1.336
14	Compensation of employees	0.301	0.299	0.306	0.383
15	Indirect business tax and nontax liability	0.103	0.098	0.105	0.144
16	Property-type income	0.612	0.441	0.512	0.808
17	Construction	1.042	1.092	1.150	1.222
18	Compensation of employees	0.681	0.706	0.738	0.786
19	Indirect business tax and nontax liability	0.024	0.025	0.025	0.026
20	Property-type income	0.337	0.361	0.388	0.411
21	Manufacturing	0.994	0.991	0.977	0.982
22	Compensation of employees	0.614	0.621	0.605	0.614
23	Indirect business tax and nontax liability	0.036	0.037	0.037	0.040
24	Property-type income	0.344	0.333	0.336	0.328
25	Durable goods	0.973	0.930	0.897	0.872
26	Compensation of employees	0.652	0.630	0.607	0.605
27	Indirect business tax and nontax liability	0.024	0.023	0.022	0.022
28	Property-type income	0.298	0.278	0.267	0.245
29	Nondurable goods	1.024	1.082	1.099	1.158
30	Compensation of employees	0.561	0.601	0.593	0.617
31	Indirect business tax and nontax liability	0.054	0.060	0.060	0.073
32	Property-type income	0.409	0.420	0.446	0.468
33	Services-producing industries	1.021	1.038	1.049	1.071
34	Compensation of employees	0.509	0.523	0.535	0.552
35	Indirect business tax and nontax liability	0.110	0.110	0.109	0.110
36	Property-type income	0.401	0.405	0.405	0.409
37	Transportation and public utilities	1.029	1.072	1.054	1.056
38	Compensation of employees	0.448	0.471	0.475	0.479
39	Indirect business tax and nontax liability	0.102	0.108	0.104	0.104
40	Property-type income	0.479	0.492	0.475	0.473
41	Wholesale trade	0.970	0.916	0.920	0.952
42	Compensation of employees	0.526	0.506	0.522	0.544
43	Indirect business tax and nontax liability	0.209	0.191	0.190	0.196
44	Property-type income	0.235	0.219	0.208	0.211
45	Retail trade	0.994	0.988	0.990	0.987
46	Compensation of employees	0.572	0.561	0.567	0.564
47	Indirect business tax and nontax liability	0.180	0.177	0.178	0.179
48	Property-type income	0.242	0.250	0.244	0.244
49	Finance, insurance and real estate	1.032	1.053	1.057	1.070
50	Compensation of employees	0.248	0.263	0.268	0.275
51	Indirect business tax and nontax liability	0.128	0.126	0.123	0.123
52	Property-type income	0.656	0.664	0.666	0.672
53	Services	1.036	1.077	1.116	1.161
54	Compensation of employees	0.742	0.778	0.807	0.846
55	Indirect business tax and nontax liability	0.031	0.032	0.033	0.034
56	Property-type income	0.263	0.267	0.276	0.281

NOTE.—Current-dollar cost per unit of real gross domestic product by industry equals the gross domestic product by industry price index divided by 100. These unit-cost measures differ from the unit-labor-cost and unit-nonlabor-cost series published by the Bureau of Labor Statistics (BLS). See *BLS Handbook of Methods*, Bulletin 2490 (Washington, DC: U.S. Government Printing Office, April 1997).

Reconciliation of the U.S.-Canadian Current Account, 1999 and 2000

By Anthony DiLullo and Hugh Henderson

This article will also be published in *Canada's Balance of International Payments, Third Quarter 2001*.

ON a reconciled basis, the U.S. deficit, or Canadian surplus, is \$19.1 billion for 1999 and \$39.6 billion for 2000 (chart 1, table 1).¹ The U.S.-published current-account balance with Canada is a U.S. deficit of \$14.7 billion for 1999 and a U.S. deficit of \$30.7 billion for 2000. The corresponding Canadian-published balance is a Canadian surplus (U.S. deficit) of \$22.0 billion for 1999 and a Canadian surplus (U.S. deficit) of \$42.6 billion for 2000.

This article presents the results of the reconciliation of the bilateral current-account estimates of Canada and the United States for 1999 and

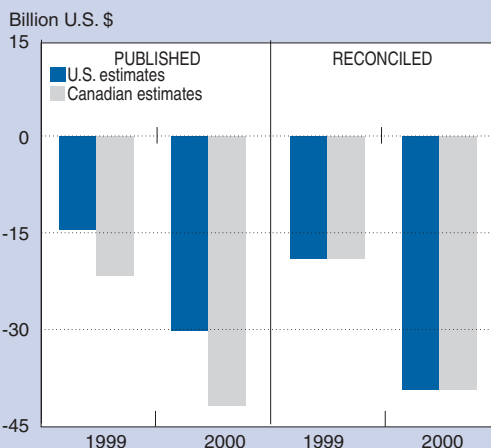
2000.² The details of the current-account reconciliation for 1999 and 2000 are presented in the tables that follow this article. Tables 2.1 and 2.2 show the details of the major types of reconciliation adjustments—definitional, methodological, and statistical—that were made to the major current-account components. Tables 3.1 and 3.2 present the published estimates, the estimates on a common basis (after the estimates have been adjusted for definitional and methodological differences),

1. The reconciled estimates are intended to show how the current-account estimates would appear if both countries used the same definitions, methodologies, and data sources. In this article, all values are expressed in U.S. dollars.

2. The reconciliation of the current account has been undertaken each year since 1970. Summary results of the reconciliations were published in the United States in the following issues of the SURVEY OF CURRENT BUSINESS: June 1975, September 1976 and 1977, December 1979, June 1981, and each December of 1981–91. Complete details of the reconciliations for 1990 forward were published in the following issues of the SURVEY: November 1992, each October of 1993–95, and each November of 1996–2000. In Canada, the results were published in the following issues of *Canada's Balance of International Payments* (catalogue 67–001), a publication of Statistics Canada: Fourth Quarter 1973, Second Quarter 1976 and 1977, Third Quarter 1978 and 1979, First Quarter 1981, and each Third Quarter 1981–2000.

CHART 1

U.S.-Canadian Current-Account Balance¹



1. Balance shown is net northbound—a U.S. surplus is a Canadian deficit, and a U.S. deficit is a Canadian surplus.

U.S. Department of Commerce, Bureau of Economic Analysis

Table 1.—Major U.S.-Canadian Balances

[Billions of U.S. dollars]

	Published estimates		Reconciled estimates	
	United States	Canada	United States	Canada
1999				
Goods and services.....	-28.9	36.8	-36.9	36.9
Goods	-34.6	40.3	-40.8	40.8
Services	5.6	-3.5	3.9	-3.9
Income	14.9	-16.7	18.3	-18.3
Current unilateral transfers	-0.6	1.9	-0.5	0.5
Current account	-14.7	22.0	-19.1	19.1
2000				
Goods and services.....	-47.9	57.4	-58.1	58.1
Goods	-54.7	61.9	-63.1	63.1
Services	6.8	-4.4	5.0	-5.0
Income	17.9	-17.0	19.2	-19.2
Current unilateral transfers	-0.7	2.2	-0.6	0.6
Current account	-30.7	42.6	-39.6	39.6

NOTE.—A U.S. surplus (+) is a Canadian deficit (–), and a Canadian surplus (+) is a U.S. deficit (–).

Details may not add to totals because of rounding.

the reconciled estimates, and the amounts of the adjustments for each major current-account component. Tables 4–7 present the reconciliation details for goods, services, and investment income.³

Reconciled Current-Account Balances

In the U.S. current account, the reconciliation adjustments resulted in an increase of \$4.4 billion in the U.S. deficit for 1999 and an increase of \$8.9 billion in the U.S. deficit for 2000. In both years, the increases reflect larger adjustments to the U.S. southbound estimates than to the northbound estimates (tables 2.1 and 2.2).⁴ The largest increases

3. For reconciliation, some of the details presented in the tables in this article differ from those presented in balance-of-payments tables regularly published by BEA and by Statistics Canada.

4. In this article, the term “northbound” refers to U.S. exports of goods and services, U.S. income receipts, and current unilateral transfers to the United States, and it refers to Canadian imports of goods and services, Canadian income payments, and current unilateral transfers from Canada. The term “southbound” refers to U.S. imports of goods and services, U.S. income payments, and current unilateral transfers from the United States, and it refers to Canadian exports of goods and services, Canadian income receipts, and current unilateral transfers to Canada.

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Note on the U.S.-Canadian Current-Account Reconciliation

The U.S.-Canadian current-account reconciliation, which explains the differences between the estimates of the bilateral current account published by the Bureau of Economic Analysis (BEA) and those published by Statistics Canada, is undertaken because of the extensive economic links between Canada and the United States. The reconciled estimates are intended to assist analysts who use both countries’ statistics and to show how the current-account estimates would appear if both countries used common definitions, methodologies, and data sources.¹

In principle, the bilateral current account of one country should mirror the bilateral current account of the other country. Differences occur in the published estimates of the U.S. and Canadian current accounts because of variations in the definitions, methodologies, and statistical sources that are used by each agency. Some of the differences for 2000 are in components of the current account for which data are still preliminary and subject to revision; these differences may be eliminated when final data for these components become available.

The longstanding Canadian-U.S. current-account reconciliation is among the leading examples of the benefits of international data sharing. As a result of the reconciliation process and the exchange of data, the accuracy of the pub-

lished estimates of transactions between Canada and the United States and the efficiency in producing the estimates have increased. The exchange of data between Canada and the United States for transactions—such as trade in goods, travel, passenger fares, Canadian and U.S. Government transactions, and some large transportation transactions—covers more than 80 percent of the value of the Canadian and U.S. current account and has eliminated some of the differences in the Canadian- and U.S.-published estimates. The exchange of data was expanded in 2000, when BEA began using the Statistics Canada estimates of southbound (U.S. payments) computer services in the U.S.-published estimates of services. The Statistics Canada estimates, which are derived from surveys, are believed to have more complete coverage of those services than BEA’s estimates.

Although the U.S.- and Canadian-published estimates are reconciled and there is extensive exchange of data between Canada and the United States, differences in the published estimates remain. Complete substitution of reconciled estimates for published estimates and complete exchange of data are not feasible for several reasons. For trade in goods, imports in the U.S. accounts would be affected because the United States attributes Canadian reexports to the country of origin rather than to Canada, the last country of shipment. For some accounts, the protection of the confidentiality of the source data bars the exchange of data. Finally, a few differences are attributable to different requirements for integrating the international and national (domestic) accounts in each country.

1. A detailed article on the methodology was published by BEA in “Reconciliation of the U.S.-Canadian Current Account” in the November 1992 *SURVEY* and by Statistics Canada in *Reconciliation of the Canadian-United States Current Account, 1990–91*. Statistics Canada also published a shortened version in the December 1992 *Canadian Economic Observer* and in *Canada’s Balance of International Payments, Third Quarter 1992*.

in the U.S. southbound estimates result from the addition of Canadian reexports to U.S. goods imports (a definitional adjustment), from the valuation of U.S. natural gas imports to include inland freight (a definitional adjustment), and from an increase for undercoverage of some southbound services (a statistical adjustment). The largest increases in the U.S. northbound estimates result from upward adjustments to investment income for undercoverage of income on U.S. holdings of Canadian bonds (a statistical adjustment).

In the Canadian current account, the reconciliation adjustments resulted in a decrease of \$2.9 billion in the 1999 Canadian surplus and in a decrease of \$3.0 billion in the 2000 Canadian surplus. In both years, the decreases reflect larger downward adjustments to the Canadian southbound estimates than to the Canadian northbound estimates. In both years, the Canadian southbound estimates were adjusted downward to account for definitional differences, mainly in unilateral transfers; for methodological differences, mainly the netting of Canadian bank claims and li-

abilities in "other" investment income; and for statistical differences, mainly in "other" services and in direct investment income. In the Canadian northbound estimates, downward adjustments for definitional and methodological differences were mainly in investment income. These downward adjustments were partly offset by upward adjustments for statistical differences in direct investment income.

Summary of Reconciliation Methodology

In reconciling the differences in the U.S.- and Canadian-published bilateral current-account estimates, the estimates are first restated on a common basis—that is, they are adjusted for definitional and methodological differences; the remaining adjustments that are needed to reach the reconciled values are the statistical adjustments. The framework for reconciling the U.S. and Canadian estimates to a common basis mainly follows the international standards published in the International Monetary Fund's *Balance of Payments Manual* (fifth edition). The U.S.- and Canadian-

Table 2.1.—Summary of Reconciliation Adjustments, Northbound, 1999

[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	United States	Canada	Reclassification		Gross or net		United States	Canada	United States	Canada
			United States	Canada	United States	Canada				
Goods, balance of payments basis	92	-181	232					-577	324	-758
Valuation adjustments	92	-181							92	-181
Reclassification of equipment repairs from unaffiliated services			232						232	
Statistical adjustments								-577		-577
Services	121	-344	-232	-66			742	-560	631	-970
Travel			653				-95	17	558	17
Reclassification of education from unaffiliated services			474						474	
Reclassification of medical services from unaffiliated services			179						179	
Statistical adjustments							-95	17	-95	17
Passenger fares							-215		-215	
Statistical adjustments							-215		-215	
Other transportation		-121		171			-152	-44	-152	6
Valuation adjustments		-121								-121
Reclassification of transportation services from unaffiliated services				171						171
Statistical adjustments							-152	-44	-152	-44
Other services	121	-223	-885	-237			1,204	-533	440	-993
Affiliated		-153	-229				256	-1,909	27	-2,062
Valuation adjustments		-153								-153
Reclassification of film rentals to unaffiliated services			-157						-157	
Reclassification of courier services to unaffiliated services			-72						-72	
Statistical adjustments							256	-1,909	256	-1,909
Unaffiliated	121	-70	-656	-237			948	1,267	413	960
Valuation adjustments	121	-70							121	-70
Reclassification of transactions to or from other accounts			-656	-237					-656	-237
Statistical adjustments							948	1,267	948	1,267
U.S. military sales								109		109
Statistical adjustments								109		109
Income	934	-2,406		66	-1,293	-2,922	2,022	2,159	1,663	-3,103
Direct investment		-415		-28		-121	160	2,101	160	1,537
Valuation adjustments		-415								-415
Reclassification of dividends to "other" income				-28						-28
Adjustment of interest income to a net basis						-121				-121
Statistical adjustments							160	2,101	160	2,101
Other investment	934	-1,991		28	-1,293	-2,801	1,862	48	1,503	-4,716
Valuation adjustments	934	-1,991							934	-1,991
Reclassification of dividends from direct investment				28						28
Adjustment of interest income to a gross or net basis					-1,293	-2,801			-1,293	-2,801
Statistical adjustments							1,862	48	1,862	48
Compensation of employees				66				10		76
Current unilateral transfers		-253				170		110		280
Valuation adjustments		-253								-253
Adjustment of U.S. transfers to a gross basis						170				170
Statistical adjustments							110			110
Total adjustments	1,147	-3,184			-1,123	-2,922	2,874	1,022	2,898	-5,084

published estimates now largely conform to the international standards, but some differences with the international standards—and between the U.S. and Canadian estimates—persist in the published estimates because of data limitations, difficulties in determining country attribution, and differences in classification.

The definitional adjustments mainly reflect data limitations and differences in country attribution. For example, as part of the reconciliation, U.S.-published estimates of imports of goods from Canada are adjusted to include Canadian reexports to the United States (goods imported by Canada from third countries and then reexported to the United States without substantial change) because U.S. imports of goods are recorded on a country-of-origin basis. Another example of a definitional adjustment is that the Canadian estimates, mainly investment income, are adjusted to a basis that is net of withholding taxes because the U.S. withholding tax estimates—which are included on a global basis in the U.S.-published accounts—cannot be allocated by country for

comparison with the Canadian estimates.

The methodological adjustments mainly reflect differences in classification. For example, parts of the U.S. estimates of film rentals and courier services are recorded in various services accounts; for reconciliation, they are reclassified to a single account. A few U.S. and Canadian accounts, mainly interest income, are adjusted to a net or gross basis for comparability.

Statistical differences reflect the use of different source data in the United States and Canada; the difficulty in determining country attribution because of insufficient data; the preliminary nature of some of the data, particularly for the most recent year; and the use of sample data between benchmarks. For the northbound estimates, most of the statistical differences are in the U.S. and Canadian estimates of “other” private services and of “other” investment income. For the southbound estimates, most of the statistical differences are in the U.S. and Canadian estimates of “other” private services and of direct investment income.

Tables 2.2–7 follow.

Table 2.1.—Summary of Reconciliation Adjustments, Northbound, 2000

[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	United States	Canada	Reclassification		Gross or net		United States	Canada	United States	Canada
			United States	Canada	United States	Canada				
Goods, balance of payments basis.....	116	-237	226					-662	342	-899
Valuation adjustments.....	116	-237							116	-237
Reclassification of equipment repairs from unaffiliated services.....			226						226	
Statistical adjustments.....								-662		-662
Services.....	141	-345	-226	-69			516	-225	431	-639
Travel.....			703				-132	15	571	15
Reclassification of education from unaffiliated services.....			505						505	
Reclassification of medical services from unaffiliated services.....			198						198	
Statistical adjustments.....							-132	15	-132	15
Passenger fares.....							-286		-286	
Statistical adjustments.....							-286		-286	
Other transportation.....		-206		179			-151	48	-151	21
Valuation adjustments.....		-206								-206
Reclassification of transportation services from unaffiliated services.....				179						179
Statistical adjustments.....							-151	48	-151	48
Other services.....	141	-139	-929	-248			1,085	-288	297	-675
Affiliated.....		-60	-304				208	-2,088	-96	-2,148
Valuation adjustments.....		-60								-60
Reclassification of film rentals to unaffiliated services.....			-217						-217	
Reclassification of courier services to unaffiliated services.....			-87						-87	
Statistical adjustments.....							208	-2,088	208	-2,088
Unaffiliated.....	141	-79	-625	-248			877	1,657	393	1,330
Valuation adjustments.....	141	-79							141	-79
Reclassification of transactions to or from other accounts.....			-625	-248					-625	-248
Statistical adjustments.....							877	1,657	877	1,657
U.S. military sales.....								143		143
Statistical adjustments.....								143		143
Income.....	933	-4,565		69	-1,723	-3,421	75	3,841	-715	-4,076
Direct investment.....		-2,320		-28		-187	-1,122	3,514	-1,122	979
Valuation adjustments.....		-2,320								-2,320
Reclassification of dividends to “other” income.....				-28						-28
Adjustment of interest income to a net basis.....						-187				-187
Statistical adjustments.....							-1,122	3,514	-1,122	3,514
Other investment.....	933	-2,245		28	-1,723	-3,234	1,197	318	407	-5,133
Valuation adjustments.....	933	-2,245							933	-2,245
Reclassification of dividends from direct investment.....				28						28
Adjustment of interest income to a gross or net basis.....					-1,723	-3,234			-1,723	-3,234
Statistical adjustments.....							1,197	318	1,197	318
Compensation of employees.....				69				9		78
Current unilateral transfers.....		-303						114	294	-303
Valuation adjustments.....		-303								-303
Adjustment of U.S. transfers to a gross basis.....									180	
Statistical adjustments.....							114		114	
Total adjustments.....	1,190	-5,450			-1,543	-3,421	705	2,954	352	-5,917

Table 2.2.—Summary of Reconciliation Adjustments, Southbound, 1999

[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	Canada	United States	Reclassification		Gross or net		Canada	United States	Canada	United States
			Canada	United States	Canada	United States				
Goods, balance of payments basis	-395	6,149		(*)			124	391	-271	6,540
Valuation adjustments	-1,368	281							-1,368	281
Canadian re-exports to the United States		4,895								4,895
Inland freight adjustment	973	973							973	973
Reclassification of equipment repairs from "other" services				(*)						
Statistical adjustments							124	391	124	391
Services	-214	-11	-171				-1,027	2,382	-1,412	2,370
Travel				13			-35	45	-35	58
Reclassification of education from "other" services				13						13
Statistical adjustments							-35	45	-35	45
Passenger fares										
Other transportation	-87	-85	102	-198			22	-28	37	-311
Valuation adjustments	-87	-85							-87	-85
Reclassification of courier services to "other" services				-198						-198
Reclassification of transportation services from "other" services			102						102	
Statistical adjustments							22	-28	22	-28
Other services	-127	74	-273	185			-1,014	2,365	-1,414	2,624
Affiliated	-33			-26			-1,423	479	-1,456	453
Valuation adjustments	-33								-33	
Reclassification of courier services to unaffiliated services				-26						-26
Statistical adjustments							-1,423	479	-1,423	479
Unaffiliated	-94	94	-325	211			409	1,886	-10	2,191
Valuation adjustments	-94	94							-94	94
Reclassification of transactions to or from the goods and the other services accounts			-325	211					-325	211
Statistical adjustments							409	1,886	409	1,886
U.S. defense expenditures		-20	52						52	-20
Valuation adjustments		-20								-20
Reclassification of defense expenditures from unaffiliated services			52							52
Income	-790	-100	171		-2,922	-1,293	-1,147	-370	-4,688	-1,764
Direct investment	-664				-121		-1,938	-10	-2,723	-10
Valuation adjustments	-664								-664	
Adjustment of interest income to a net basis					-121				-121	
Statistical adjustments							-1,938	-10	-1,938	-10
Other investment	-149	-100			-2,801	-1,293	736	-360	-2,214	-1,754
Valuation adjustments	-149	-100							-149	-100
Adjustment of interest income to a gross or net basis					-2,801	-1,293			-2,801	-1,293
Statistical adjustments							736	-360	736	-360
Compensation of employees	23		171				55		249	
Current unilateral transfers	-1,657					170	-14		-1,671	170
Valuation adjustments	-1,657								-1,657	
Adjustment of U.S. transfers to a gross basis						170				170
Statistical adjustments							-14		-14	
Total adjustments	-3,056	6,038			-2,922	-1,123	-2,064	2,402	-8,042	7,316

(*) Less than (±) \$500,000.

Table 2.2.—Summary of Reconciliation Adjustments, Southbound, 2000

[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	Canada	United States	Reclassification		Gross or net		Canada	United States	Canada	United States
			Canada	United States	Canada	United States				
Goods, balance of payments basis	107	8,352		3			245	408	352	8,763
Valuation adjustments	-1,673	249							-1,673	249
Canadian re-exports to the United States		6,323								6,323
Inland freight adjustment	1,780	1,780								1,780
Reclassification of equipment repairs from unaffiliated services				3						3
Statistical adjustments							245	408	245	408
Services	-104	-27	-204	-3			-886	2,317	-1,194	2,287
Travel				14			-41	54	-41	68
Reclassification of education from unaffiliated services				14						14
Statistical adjustments							-41	54	-41	54
Passenger fares										
Other transportation	-87	-102	105	-207			41	-45	59	-354
Valuation adjustments	-87	-102							-87	-102
Reclassification of courier services to unaffiliated services				-207						-207
Reclassification of transportation services from unaffiliated services			105						105	
Statistical adjustments							41	-45	41	-45
Other services	-17	75	-309	190			-886	2,308	-1,212	2,573
Affiliated	-2			-29			-1,203	275	-1,205	246
Valuation adjustments	-2								-2	
Reclassification of courier services to unaffiliated services				-29						-29
Statistical adjustments							-1,203	275	-1,203	275
Unaffiliated	-15	93	-361	219			317	2,033	-59	2,345
Valuation adjustments	-15	93							-15	93
Reclassification of transactions to or from other accounts			-361	219					-361	219
Statistical adjustments							317	2,033	317	2,033
U.S. defense expenditures		-18	52							52
Valuation adjustments		-18								-18
Reclassification of defense expenditures from unaffiliated services			52							52
Income	-926	-299	204		-3,421	-1,723	-2,108	34	-6,251	-1,988
Direct investment	-732				-187		-3,228	652	-4,147	652
Valuation adjustments	-732								-732	
Adjustment of interest income to a net basis					-187				-187	
Statistical adjustments							-3,228	652	-3,228	652
Other investment	-194	-299			-3,234	-1,723	1,068	-618	-2,360	-2,640
Valuation adjustments	-194	-299							-194	-299
Adjustment of interest income to a gross or net basis					-3,234	-1,723			-3,234	-1,723
Statistical adjustments							1,068	-618	1,068	-618
Compensation of employees			204						256	
Current unilateral transfers	-1,861						180	-20	-1,881	180
Valuation adjustments	-1,861								-1,861	
Adjustment of U.S. transfers to a gross basis							180			180
Statistical adjustments							-20		-20	
Total adjustments	-2,784	8,026			-3,421	-1,543	-2,769	2,759	-8,974	9,242

Table 3.1.—U.S.-Canadian Current-Account Reconciliation, Northbound

[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates	
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	U.S. receipts	Canadian payments	United States	Canada
1999										
Goods and services	188,144	190,827	-2,683	188,357	190,234	-1,877	189,099	189,099	955	-1,728
Goods, balance of payments basis	166,727	167,809	-1,082	167,051	167,628	-577	167,051	167,051	324	-758
Services	21,417	23,018	-1,601	21,306	22,606	-1,300	22,048	22,048	631	-970
Travel	6,670	7,211	-541	7,323	7,211	112	7,228	7,228	558	17
Passenger fares	1,540	1,325	215	1,540	1,325	215	1,325	1,325	-215	.....
Other transportation	2,484	2,326	158	2,484	2,374	110	2,332	2,332	-152	6
Other services	10,614	12,156	-1,542	9,850	11,696	-1,846	11,054	11,054	440	-1,102
U.S. military sales	109	(¹)	109	109	(¹)	109	109	109	.....	109
Income	23,115	27,881	-4,766	22,757	22,620	137	24,778	24,778	1,663	-3,103
Investment income	23,039	27,881	-4,842	22,681	22,554	127	24,702	24,702	1,663	-3,179
Direct investment	11,986	10,609	1,377	11,986	10,045	1,941	12,146	12,146	160	1,537
Other investment	11,053	17,272	-6,219	10,696	12,509	-1,814	12,556	12,556	1,503	-4,716
Compensation of employees	76	(²)	76	76	66	10	76	76	.....	76
Current unilateral transfers	(³)	533	-533	170	280	-110	280	280	280	-253
Current account, northbound	211,259	219,240	-7,982	211,284	213,134	-1,850	214,156	214,156	2,898	-5,084
2000										
Goods and services	202,409	204,720	-2,311	202,663	204,069	-1,406	203,182	203,182	773	-1,538
Goods, balance of payments basis	178,987	180,228	-1,241	179,329	179,991	-662	179,329	179,329	342	-899
Services	23,422	24,492	-1,070	23,334	24,078	-744	23,853	23,853	431	-639
Travel	7,055	7,611	-556	7,758	7,611	147	7,626	7,626	571	15
Passenger fares	1,713	1,427	286	1,713	1,427	286	1,427	1,427	-286	.....
Other transportation	2,703	2,531	172	2,702	2,504	198	2,552	2,552	-151	21
Other services	11,808	12,923	-1,115	11,018	12,536	-1,518	12,105	12,105	297	-818
U.S. military sales	143	(¹)	143	143	(¹)	143	143	143	.....	143
Income	27,225	30,586	-3,361	26,437	22,669	3,768	26,510	26,510	-715	-4,076
Investment income	27,147	30,586	-3,439	26,359	22,600	3,759	26,432	26,432	-715	-4,154
Direct investment	14,518	12,417	2,101	14,518	9,882	4,636	13,396	13,396	-1,122	979
Other investment	12,629	18,169	-5,540	11,841	12,718	-877	13,036	13,036	407	-5,133
Compensation of employees	78	(²)	78	78	69	9	78	78	.....	78
Current unilateral transfers	(³)	597	-597	180	294	-114	294	294	294	-303
Current account, northbound	229,634	235,903	-6,269	229,280	227,033	2,247	229,986	229,986	352	-5,917

1. In the Canadian published accounts, transactions of US military agencies are not shown separately.

2. In the Canadian published accounts, compensation of employees is included in "other" services.

3. Current unilateral transfers are published on a net basis in the U.S. accounts, and appear as net payments in table 3.2.

Table 3.2.—U.S.-Canadian Current-Account Reconciliation, Southbound

[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates	
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canadian receipts	U.S. payments	Canada	United States
1999										
Goods and services	227,652	217,059	10,593	226,874	223,195	3,679	225,969	225,969	-1,683	8,910
Goods	208,099	201,288	6,811	207,705	207,437	268	207,828	207,828	-271	6,540
Services	19,553	15,771	3,782	19,169	15,758	3,411	18,141	18,141	-1,412	2,370
Travel	6,228	6,135	93	6,228	6,148	80	6,193	6,193	-35	58
Passenger fares	712	712	.....	712	712	.....	712	712	.....	.....
Other transportation	2,878	3,226	-348	2,893	2,943	-50	2,915	2,915	37	-311
Other services	9,735	5,626	4,109	9,284	5,903	3,381	8,269	8,269	-1,466	2,643
U.S. defense expenditures	(¹)	72	-72	52	52	.....	52	52	52	-20
Income	11,157	8,233	2,924	7,617	6,841	776	6,469	6,469	-4,688	-1,764
Investment income	11,157	7,984	3,173	7,423	6,592	831	6,220	6,220	-4,937	-1,764
Direct investment	4,712	1,999	2,713	3,927	1,999	1,928	1,989	1,989	-2,723	-10
Other investment	6,445	5,985	460	3,496	4,593	-1,097	4,231	4,231	-2,214	-1,754
Other private investment	5,525	4,841	684	2,536	3,549	-1,013	3,229	3,229	-2,296	-1,612
U.S. Government liabilities	920	1,144	-224	960	1,044	-84	1,002	1,002	82	-142
Compensation of employees	(²)	249	-249	194	249	-55	249	249	249	.....
Current unilateral transfers	2,479	638	1,841	822	808	14	808	808	-1,671	170
Current account, southbound	241,289	225,930	15,358	235,312	230,844	4,469	233,246	233,246	-8,042	7,316
2000										
Goods and services	262,160	250,268	11,892	261,959	258,596	3,363	261,318	261,318	-842	11,050
Goods	242,089	233,678	8,411	242,196	242,033	163	242,441	242,441	352	8,763
Services	20,071	16,590	3,481	19,763	16,563	3,200	18,877	18,877	-1,194	2,287
Travel	6,476	6,367	109	6,476	6,381	95	6,435	6,435	-41	68
Passenger fares	827	827	.....	827	827	.....	827	827	.....	.....
Other transportation	3,165	3,578	-413	3,183	3,269	-86	3,224	3,224	59	-354
Other services	9,603	5,748	3,855	9,225	6,034	3,191	8,339	8,339	-1,264	2,591
U.S. defense expenditures	(¹)	70	-70	52	52	.....	52	52	52	-18
Income	13,607	9,344	4,263	9,466	7,322	2,144	7,356	7,356	-6,251	-1,988
Investment income	13,607	9,088	4,519	9,261	7,066	2,195	7,100	7,100	-6,507	-1,988
Direct investment	5,710	911	4,799	4,791	911	3,880	1,563	1,563	-4,147	652
Other investment	7,897	8,177	-280	4,470	6,155	-1,685	5,537	5,537	-2,360	-2,640
Other private investment	6,727	6,214	513	3,192	4,491	-1,299	3,970	3,970	-2,757	-2,244
U.S. Government liabilities	1,170	1,963	-793	1,278	1,664	-386	1,567	1,567	397	-396
Compensation of employees	(²)	256	-256	205	256	-51	256	256	256	.....
Current unilateral transfers	2,785	724	2,061	924	904	20	904	904	-1,881	180
Current account, southbound	278,553	260,336	18,216	272,349	266,822	5,527	269,578	269,578	-8,974	9,242

1. In the Canadian published accounts, transactions of U.S. military agencies are not shown separately.
2. In the Canadian published accounts, compensation of employees is included in "other" services.

SURVEY OF CURRENT BUSINESS

Table 4.1.—Trade in Goods, Northbound

[Millions of U.S. dollars]

	U.S. receipts	Canadian payments	Type of adjustment
1999			
Balance of payments basis, published.....	166,727	167,809	
Definitional and methodological adjustments:			
Valuation adjustments.....	92	-181	Definitional
Reclassification of equipment from unaffiliated services	232		Reclassification
Common basis, after definitional and methodological adjustments	167,051	167,628	
Statistical adjustments		-577	Statistical
Reconciled, including statistical adjustments ...	167,051	167,051	
2000			
Balance of payments basis, published.....	178,897	180,228	
Definitional and methodological adjustments:			
Valuation adjustments.....	116	-237	Definitional
Reclassification of equipment from unaffiliated services	226		Reclassification
Common basis, after definitional and methodological adjustments	179,239	179,991	
Statistical adjustments		-662	Statistical
Reconciled, including statistical adjustments ...	179,239	179,329	

Table 4.2.—Trade in Goods, Southbound

[Millions of U.S. dollars]

	Canadian receipts	U.S. payments	Type of adjustment
1999			
Balance of payments basis, published.....	208,099	201,288	
Definitional and methodological adjustments:			
Valuation adjustments.....	-1,368	281	Definitional
Canadian reexports to the United States		4,895	Definitional
Inland freight adjustment	973	973	Definitional
Reclassification of equipment from unaffiliated services		(*)	Reclassification
Common basis, after definitional and methodological adjustments	207,705	207,437	
Statistical adjustments	124	391	Statistical
Reconciled, including statistical adjustments ...	207,828	207,828	
2000			
Balance of payments basis, published.....	242,089	233,678	
Definitional and methodological adjustments:			
Valuation adjustments.....	-1,674	249	Definitional
Canadian reexports to the United States		6,323	Definitional
Inland freight adjustment	1,780	1,780	Definitional
Reclassification of equipment from unaffiliated services		3	Reclassification
Common basis, after definitional and methodological adjustments	242,196	242,033	
Statistical adjustments	246	408	Statistical
Reconciled, including statistical adjustments ...	242,441	242,441	

(*) Less than (±) \$500,000.

Table 5.1.—Travel, Passenger Fares, and Other Transportation, Northbound

[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	U.S. receipts	Canadian payments	United States	Canada	Type of adjustment
1999											
Travel	6,670	7,211	-541	7,323	7,211	112	7,228	7,228	558	17	
Business and personal	6,670	6,575	95	6,670	6,575	95	6,575	6,575	-95		Statistical
Education		457	-457	474	457	17	474	474	474	17	Reclassification and statistical
Medical.....		179	-179	179	179		179	179	179		Reclassification
Passenger fares	1,540	1,325	215	1,540	1,325	215	1,325	1,325	-215		Statistical
Other transportation	2,484	2,326	158	2,484	2,374	110	2,332	2,332	-152	6	
Freight.....	1,977	1,979	-2	1,811	1,858	-47	1,821	1,821	-156	-158	
Ocean.....	65	237	-172	51	116	-65	78	78	13	-159	Definitional, reclassification, and statistical
Air.....	76	43	33	76	43	33	43	43	-33		Statistical
Truck.....	1,302	1,304	-2	1,302	1,304	-2	1,302	1,302		-2	Statistical
Other.....	534	395	139	382	395	-13	398	398	-136	3	Reclassification and statistical
Port services.....	507	322	185	659	492	167	487	487	-20	165	
Vessel operators.....	64	22	42	64	21	43	21	21	-43	-1	Definitional and statistical
Airline operators.....	276	281	-5	276	281	-5	276	276		-5	Statistical
Other.....	167	19	148	319	190	129	190	190	23	171	Reclassification and statistical
Other.....		23	-23	14	23	-9	23	23	23		Reclassification and statistical
2000											
Travel	7,055	7,611	-556	7,758	7,611	147	7,626	7,626	571	15	
Business and personal	7,055	6,923	132	7,055	6,923	132	6,923	6,923	-132		Statistical
Education		490	-490	505	490	15	505	505	505	15	Reclassification and statistical
Medical.....		198	-198	198	198		198	198	198		Reclassification
Passenger fares	1,713	1,427	286	1,713	1,427	286	1,427	1,427	-286		Statistical
Other transportation	2,703	2,531	172	2,702	2,504	198	2,552	2,552	-151	21	
Freight.....	2,167	2,139	28	1,998	1,927	71	1,961	1,961	-206	-178	
Ocean.....	138	291	-153	130	82	48	107	107	-31	-184	Definitional, reclassification, and statistical
Air.....	86	54	32	86	54	32	54	54	-32		Statistical
Truck.....	1,404	1,404		1,404	1,404		1,404	1,404			
Other.....	539	390	149	378	387	-9	396	396	-143	6	Reclassification and statistical
Port services.....	536	346	190	696	524	172	539	539	3	193	
Vessel operators.....	49	26	23	49	25	24	25	25	-24		Definitional and statistical
Airline operators.....	319	301	18	319	301	18	319	319		18	Statistical
Other.....	168	19	149	328	198	130	195	195	27	176	Reclassification and statistical
Other.....		46	-46	8	52	-44	52	52	52	6	Reclassification and statistical

Table 5.2.—Travel, Passenger Fares, and Other Transportation, Southbound

[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
1999											
Travel	6,228	6,135	93	6,228	6,148	80	6,193	6,193	-35	58	
Business and personal	6,097	6,135	-38	6,097	6,135	-38	6,097	6,097	.....	-38	Statistical
Education	84	.....	84	84	13	71	48	48	.....	-35	48
Medical.....	48	.....	48	48	.....	48	48	48	.....	48	48
Passenger fares	712	712	.....	712	712	.....	712	712	.....	.....	.....
Other transportation	2,878	3,226	-348	2,893	2,943	-50	2,915	2,915	37	-311	
Freight.....	2,387	2,512	-125	2,387	2,382	5	2,380	2,380	-7	-132	
Ocean.....	110	103	7	110	101	9	106	106	-4	3	Reclassification and statistical
Air	62	62	.....	62	62	.....	62	62	.....	.....	.....
Land	2,115	2,112	3	2,115	2,112	3	2,112	2,112	-3	.....	Statistical
Other.....	100	235	-135	100	107	-7	100	100	.....	-135	Reclassification and statistical
Port services	394	714	-320	500	559	-59	530	530	136	-184	
Vessel operators.....	51	170	-119	55	85	-30	70	70	19	-100	Definitional and statistical
Airline operators.....	248	446	-198	248	248	.....	248	248	0	-198	Reclassification and statistical
Other.....	95	98	-3	197	226	-29	212	212	117	114	Reclassification and statistical
Other	97	.....	97	6	2	4	6	6	-91	6	Definitional, reclassification, and statistical
2000											
Travel	6,476	6,367	109	6,476	6,381	95	6,435	6,435	-41	68	
Business and personal	6,332	6,367	-35	6,332	6,367	-35	6,332	6,332	.....	-35	Statistical
Education	96	.....	96	96	14	82	55	55	-41	55	Reclassification and statistical
Medical.....	47	.....	47	47	.....	47	47	47	.....	47	Statistical
Passenger fares	827	827	.....	827	827	.....	827	827	.....	.....	.....
Other transportation	3,165	3,578	-413	3,183	3,269	-86	3,224	3,224	59	-354	
Freight.....	2,622	2,763	-141	2,622	2,623	-1	2,620	2,620	-2	-143	
Ocean.....	128	132	-4	128	124	4	126	126	-2	-6	Reclassification and statistical
Air	57	57	.....	57	57	.....	57	57	.....	.....	.....
Land	2,335	2,335	.....	2,335	2,335	.....	2,335	2,335	.....	.....	.....
Other.....	102	239	-137	102	107	-5	102	102	.....	-137	Reclassification and statistical
Port services	439	815	-376	552	638	-86	595	595	156	-220	
Vessel operators.....	50	205	-155	50	103	-53	75	75	25	-130	Definitional and statistical
Airline operators.....	290	505	-215	298	298	.....	298	298	8	-207	Reclassification and statistical
Other.....	99	105	-6	204	237	-33	222	222	123	117	Reclassification and statistical
Other	104	.....	104	8	8	.....	8	8	-96	8	Definitional, reclassification, and statistical

Table 6.1.—Other Services, Northbound
[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	U.S. receipts	Canadian payments	United States	Canada	Type of adjustment
1999											
Total	10,723	12,156	-1,433	9,959	11,696	-1,737	11,163	11,163	440	-993	
Affiliated	5,262	7,351	-2,089	5,030	7,198	-2,168	5,289	5,289	27	-2,062	Definitional, reclassification, and statistical
Royalties and license fees	1,300	1,697	-397	1,298	1,641	-343	1,427	1,427	127	-270	Definitional and statistical
Other services	3,962	5,654	-1,692	3,732	5,557	-1,825	3,862	3,862	-100	-1,792	Definitional, reclassification, and statistical
Unaffiliated	5,352	4,806	546	4,818	4,498	320	5,766	5,766	414	960	
Royalties, license fees, and selected services	1,255	1,022	233	1,242	1,016	226	1,243	1,243	-12	221	Reclassification and statistical
Insurance	207	190	17	328	190	138	332	332	125	142	Definitional and statistical
Financial services	1,030	659	371	1,030	710	320	1,074	1,074	44	415	Statistical
Education and training	488	21	467	14	21	-7	21	21	-467		Reclassification and statistical
Communications	243	514	-271	243	189	54	243	243		-271	Reclassification and statistical
Computer services	536	278	258	536	278	258	536	536		258	Statistical
Business services	1,142	721	421	803	990	-187	1,307	1,307	165	586	Reclassification and statistical
Sports and entertainment	270	1,004	-734	441	909	-468	806	806	536	-198	Reclassification and statistical
Other private		202	-202							-202	Definitional and reclassification
Government:											
United States (nonmilitary)	91	82	9	91	82	9	91	91		9	Statistical
Canada	90	113	-23	90	113	-23	113	113	23		Statistical
U.S. military sales	109		109	109		109	109	109		109	Statistical
2000											
Total	11,951	12,923	-972	11,161	12,536	1,375	12,248	12,248	297	-675	
Affiliated	5,643	7,695	-2,052	5,339	7,636	-2,297	5,547	5,547	-96	-2,148	Definitional, reclassification, and statistical
Royalties and license fees	1,543	1,869	-326	1,543	1,810	-267	1,634	1,634	91	-235	Definitional and statistical
Other services	4,100	5,826	-1,726	3,796	5,826	-2,030	3,913	3,913	-187	-1,913	Definitional, reclassification, and statistical
Unaffiliated	6,165	5,228	937	5,678	4,900	778	6,558	6,558	393	1,330	
Royalties, license fees, and selected services	1,503	1,092	411	1,490	1,086	404	1,490	1,490	-13	398	Reclassification and statistical
Insurance	338	224	114	466	224	242	430	430	92	206	Definitional and statistical
Financial services	1,101	873	228	1,101	926	175	1,151	1,151	50	278	Statistical
Education and training	520	22	498	15	22	-7	22	22	-498		Reclassification and statistical
Communications	352	543	-191	352	187	165	352	352		-191	Reclassification and statistical
Computer services	538	286	252	538	286	252	538	538		252	Statistical
Business services	1,226	754	472	899	1,052	-153	1,452	1,452	226	698	Reclassification and statistical
Sports and entertainment	425	1,040	-615	655	946	-291	940	940	515	-100	Reclassification and statistical
Other		223	-223							-223	Definitional and reclassification
Government:											
United States (nonmilitary)	74	62	12	74	62	12	74	74		12	Statistical
Canada	88	109	-21	88	109	-21	109	109	21		Statistical
U.S. military sales	143		143	143		143	143	143		143	Statistical

Table 6.2.—Other Services, Southbound
[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
1999											
Total	9,735	5,698	4,037	9,336	5,955	3,381	8,321	8,321	-1,414	2,623	
Affiliated	4,509	2,600	1,909	4,475	2,574	1,901	3,053	3,053	-1,456	453	Definitional, reclassification, and statistical
Royalties and license fees	415	350	65	412	350	62	(¹)	(¹)	(¹)	(¹)	
Other services	4,094	2,250	1,844	4,063	2,224	1,839	(¹)	(¹)	(¹)	(¹)	
Unaffiliated	5,228	3,026	2,202	4,809	3,330	1,479	5,216	5,216	-12	2,190	
Royalties, license fees, and selected services	1,596	623	973	1,583	615	968	1,714	1,714	118	1,091	Statistical
Insurance	180	292	-112	180	386	-206	220	220	40	-72	Definitional and statistical
Financial services	323	193	130	324	193	131	293	293	-30	100	Statistical
Education and training	16	20	-4	16	7	9	16	16		-4	Reclassification and statistical
Communications	432	223	209	139	223	-84	223	223	-209		Reclassification and statistical
Computer services	530	506	24	530	506	24	530	530		24	Statistical
Business services	905	806	99	1,049	781	268	1,182	1,182	277	376	Reclassification and statistical
Sports and entertainment	763	128	635	721	384	337	771	771	8	643	Reclassification and statistical
Other private	216		216						-216		Definitional and reclassification
Government:											
Canada	32		32	32		32	32	32		32	Statistical
United States (nondefense agencies)	235	235		235	235		235	235			
U.S. defense agencies		72	-72	52	52		52	52	52	-20	Definitional and reclassification
2000											
Total	9,603	5,818	3,785	9,277	6,086	3,191	8,391	8,391	-1,211	2,573	
Affiliated	4,359	2,907	1,452	4,356	2,877	1,479	3,153	3,153	-1,206	246	Definitional, reclassification, and statistical
Royalties and license fees	383	742	-359	380	741	-361	(¹)	(¹)	(¹)	(¹)	
Other services	3,976	2,165	1,811	3,976	2,136	1,840	(¹)	(¹)	(¹)	(¹)	
Unaffiliated	5,243	2,841	2,402	4,869	3,157	1,712	5,186	5,186	-57	2,345	
Royalties, license fees, and selected services	1,525	649	876	1,512	634	878	1,605	1,605	80	956	Statistical
Insurance	163	216	-53	263	312	-49	256	256	93	40	Definitional and statistical
Financial services	410	227	183	411	227	184	380	380	-30	153	Statistical
Education and training	40	24	16	16	10	6	16	16	-24	-8	Reclassification and statistical
Communications	395	222	173	73	222	-149	222	222	-173		Reclassification and statistical
Computer services	535	547	-12	535	547	-12	535	535		-12	Statistical
Business services	929	678	251	1,093	789	304	1,266	1,266	337	588	Reclassification and statistical
Sports and entertainment	769	72	697	724	210	514	664	664	-105	592	Reclassification and statistical
Other	235		235						-235		Definitional and reclassification
Government:											
Canada	36		36	36		36	36	36		36	Statistical
United States (non-defense agencies)	206	206		206	206		206	206			
U.S. defense agencies		70	-70	52	52		52	52	52	-18	Definitional and reclassification

1. Royalties and license fees are combined with "other" services for reconciliation.

Table 7.1.—Investment Income, Northbound
[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates			Type of adjustment
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Remaining difference	U.S. receipts	Canadian payments	United States	Canada		
1999												
Investment income	23,039	27,881	-4,842	22,681	22,554	127	24,702	24,702	1,663	-3,179		
Direct investment income	11,986	10,609	1,377	11,986	10,045	1,941	12,146	12,146	160	1,537		
Earnings of incorporated affiliates	11,174	9,558	1,616	11,174	9,042	2,132	11,144	11,144	-30	1,586		
Dividends	4,720	5,184	-464	4,720	4,660	60	4,690	4,690	-30	-494	Definitional, reclassification, and statistical	
Reinvested earnings	6,454	4,374	2,080	6,454	4,382	2,072	6,454	6,454		2,080	Definitional and statistical	
Earnings of unincorporated affiliates.....	400	369	31	400	521	-121	555	555	155	186	Definitional and statistical	
Interest.....	412	682	-270	412	482	-70	447	447	35	-235	Definitional, gross to net, and statistical	
Other investment income	11,053	17,272	-6,219	10,696	12,509	-1,814	12,556	12,556	1,503	-4,716		
Securities	7,121	11,055	-3,934	8,054	9,941	-1,887	9,896	9,896	2,775	-1,159	Definitional, reclassification, and statistical	
Dividends	896	1,106	-210	896	987	-91	942	942	46	-164	Definitional and statistical	
Interest on bonds	6,225	9,949	-3,724	7,158	8,954	-1,796	8,954	8,954	2,729	-995	Definitional and statistical	
U.S. claims/Canadian liabilities.....	3,932	6,218	-2,286	2,641	2,568	73	2,660	2,660	-1,272	-3,558		
U.S. bank claims	3,258	3,599	-341	1,055	798	257	926	926	-2,332	-2,673	Net to gross, gross to net, and statistical	
Other private U.S. claims.....	674	2,619	-1,945	1,586	1,770	-184	1,734	1,734	1,060	-885	Net to gross and statistical	
2000												
Investment income	27,147	30,586	-3,439	26,359	22,600	3,759	26,432	26,432	-715	-4,154		
Direct investment income	14,518	12,417	2,101	14,518	9,882	4,636	13,396	13,396	-1,122	979		
Earnings of incorporated affiliates	13,762	11,392	2,370	13,762	9,000	4,762	12,507	12,507	-1,255	1,115		
Dividends	2,971	5,178	-2,207	2,971	2,713	258	2,842	2,842	-129	-2,336	Definitional, reclassification, and statistical	
Reinvested earnings	10,791	6,214	4,577	10,791	6,287	4,504	9,665	9,665	-1,126	3,451	Definitional and statistical	
Earnings of unincorporated affiliates.....	327	354	-27	327	478	-151	480	480	153	126	Definitional and statistical	
Interest.....	429	671	-242	429	405	24	410	410	-19	-261	Definitional, gross to net, and statistical	
Other investment income	12,629	18,169	-5,540	11,841	12,718	-877	13,036	13,036	407	-5,133		
Securities	7,733	10,971	-3,238	8,667	9,868	-1,201	10,024	10,024	2,291	-947	Definitional, reclassification, and statistical	
Dividends	1,512	995	517	1,513	890	623	1,046	1,046	-466	51	Definitional and statistical	
Interest on bonds	6,221	9,976	-3,755	7,154	8,978	-1,824	8,978	8,978	2,757	-998	Definitional and statistical	
U.S. claims/Canadian liabilities.....	4,896	7,200	-2,304	3,174	2,850	324	3,012	3,012	-1,884	-4,188		
U.S. bank claims	3,953	4,027	-74	1,221	793	428	1,007	1,007	-2,946	-3,020	Net to gross, gross to net, and statistical	
Other private U.S. claims.....	943	3,173	-2,230	1,953	2,057	-104	2,005	2,005	1,062	-1,168	Net to gross and statistical	

Table 7.2—Investment Income, Southbound
[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Remaining difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
1999											
Investment income	11,157	7,984	3,173	7,423	6,592	831	6,220	6,220	-4,937	-1,764	
Direct investment income	4,712	1,999	2,713	3,927	1,999	1,928	1,989	1,989	-2,723	-10	
Earnings of incorporated affiliates	3,414	1,799	1,615	2,957	1,799	1,158	1,523	1,523	-1,891	-276	Definitional and statistical
Dividends	1,148	1,459	-311	825	1,459	-634	1,183	1,183	35	-276	Definitional and statistical
Reinvested earnings	2,266	340	1,926	2,132	340	1,792	340	340	-1,926	.....	Definitional and statistical
Earnings of unincorporated affiliates	1,192	-108	1,300	990	-108	1,098	158	158	-1,034	266	Definitional and statistical
Interest	107	308	-201	-20	308	-328	308	308	201	.....	Definitional, gross to net and statistical
Other investment income	6,445	5,985	460	3,496	4,593	-1,097	4,231	4,231	-2,214	-1,754	
Securities	1,702	2,810	-1,108	1,636	2,810	-1,174	2,330	2,330	628	-480	Definitional and statistical
Dividends	1,165	1,434	-269	1,099	1,434	-335	1,434	1,434	269	.....	Definitional and statistical
Interest on bonds	537	1,376	-839	537	1,376	-839	896	896	359	-480	Definitional and statistical
Canadian claims/U.S. liabilities	3,823	2,031	1,792	899	739	160	899	899	-2,924	-1,132	Net to gross, gross to net, and statistical
Canadian bank claims	3,387	1,599	1,788	471	675	-204	591	591	-2,796	-1,008	Net to gross and statistical
Other private Canadian claims	436	432	4	428	64	364	308	308	-128	-124	Net to gross and statistical
U.S. Government liabilities	920	1,144	-224	960	1,044	-84	1,002	1,002	82	-142	Definitional and statistical
2000											
Investment income	13,607	9,088	4,519	9,261	7,066	2,195	7,100	7,100	-6,507	-1,988	
Direct investment income	5,710	911	4,799	4,791	911	3,880	1,563	1,563	-4,147	652	
Earnings of incorporated affiliates	4,340	347	3,993	3,959	347	3,612	975	975	-3,365	628	Definitional and statistical
Dividends	1,700	1,302	398	1,357	1,302	55	1,330	1,330	-370	28	Definitional and statistical
Reinvested earnings	2,640	-955	3,595	2,602	-955	3,557	-355	-355	-2,995	600	Definitional and statistical
Earnings of unincorporated affiliates	1,268	285	983	923	285	638	309	309	-959	24	Definitional and statistical
Interest	102	279	-177	-90	279	-369	279	279	177	.....	Definitional, gross to net, and statistical
Other investment income	7,897	8,177	-280	4,470	6,155	-1,685	5,537	5,537	-2,360	-2,640	
Securities	1,930	3,244	-1,314	1,852	3,245	-1,393	2,547	2,547	617	-697	Definitional and statistical
Dividends	1,371	1,560	-189	1,293	1,560	-267	1,560	1,560	189	.....	Definitional and statistical
Interest on bonds	559	1,684	-1,125	559	1,685	-1,126	987	987	428	-697	Definitional and statistical
Canadian claims/U.S. liabilities	4,798	2,970	1,828	1,341	1,246	95	1,423	1,423	-3,375	-1,547	Net to gross, gross to net, and statistical
Canadian bank claims	4,293	2,206	2,087	843	1,152	-309	1,018	1,018	-3,275	-1,188	Net to gross and statistical
Other private Canadian claims	505	764	-259	498	94	404	405	405	-100	-359	Net to gross and statistical
U.S. Government liabilities	1,170	1,963	-793	1,278	1,664	-386	1,567	1,567	397	-396	Definitional and statistical

U.S. International Services

Cross-Border Trade in 2000 and Sales Through Affiliates in 1999

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

IN 2000, U.S. exports of private services exceeded U.S. import of private services; U.S. exports were \$278.6 billion, while U.S. imports were \$200.6 billion (table A). U.S. exports also exceeded U.S. imports in 1999; exports were \$256.0 billion and imports were \$173.0 billion. For services sold through majority-owned foreign and U.S. affiliates of multinational companies, U.S. sales exceeded U.S. purchases in 1999—the most recent year for which data are available. Sales of services abroad through foreign affiliates of U.S. companies were \$338.4 billion, while sales of services in the United States through U.S. affiliates of foreign companies were \$289.3 billion.

U.S. exports of private services grew 9 percent in 2000 after increasing 5 percent in 1999. U.S. imports grew 16 percent, after increasing 3 percent. Reflecting the faster growth in imports than in exports, the U.S. surplus on trade in private services decreased to \$78.0 billion in 2000 from \$81.2 billion in 1999. This decrease coincided with a sizable increase in the U.S. deficit on trade in goods, to \$452.2 billion from \$345.4 billion.

Much of the pickup in exports of services was attributable to step-ups in the economic growth of several major U.S. trading partners, including Mexico, Japan, China, and the United Kingdom. The faster growth represented a return to the growth rates of the mid-1990s before poor economic conditions in several Asian countries led to a slowdown in U.S. services exports. The pickup in imports was attributable to several factors, including a pickup in travel that was, in turn, partly attributable to the appreciation of the U.S. dollar against the currencies of several countries that are popular destinations for U.S. travelers; a recovery in insurance services from an unusually low level in 1999; and the relatively strong growth of the U.S. economy (real GDP grew 4.1 percent in 2000).

In 1999, sales of services by both foreign affiliates and U.S. affiliates grew 18 percent. However, for foreign affiliates, roughly half of the growth reflected changes in definitions and coverage associated with the 1999 benchmark survey of U.S. direct investment abroad (for details, see the section "Sales Through Affiliates in 1999").¹ The growth in sales of services by both foreign and U.S. affiliates was partly due to the global boom in mergers and acquisitions, which added a substantial number of affiliates to the direct investment universe. Acquisition activity was strong in industries with significant sales of services, such as telecommunications and insurance. Rapid technological change and deregulation, coupled with favorable economic conditions in much of the world

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

	Through cross-border trade ¹		Through nonbank majority-owned affiliates	
	U.S. exports (receipts)	U.S. imports (payments)	Sales to foreign persons by foreign affiliates of U.S. companies ²	Sales to U.S. persons by U.S. affiliates of foreign companies
Billions of dollars				
1986....	77.5	64.7	60.5	n.a.
1987....	87.0	73.9	72.3	62.6
1988....	101.0	81.0	83.8	73.2
1989....	117.9	85.3	99.2	94.2
1990....	137.2	98.2	121.3	109.2
1991....	152.4	99.9	131.6	119.5
1992....	163.7	100.4	140.6	128.0
1993....	171.6	107.9	142.6	134.7
1994....	187.4	119.1	159.1	145.4
1995....	203.8	128.8	190.1	149.7
1996....	222.6	137.1	223.2	168.4
1997....	239.0	151.8	255.3	(³) 223.1
1998....	243.9	167.4	286.1	245.5
1999....	256.0	173.0	(⁴) 338.4	289.3
2000....	278.6	200.6	n.a.	n.a.
Percent change from prior year				
1987....	12.2	14.2	19.5	.....
1988....	16.0	9.5	15.9	17.0
1989....	16.8	5.3	18.4	28.7
1990....	16.4	15.1	22.2	15.9
1991....	11.1	1.8	8.5	9.5
1992....	7.4	0.4	6.8	7.1
1993....	4.8	7.5	1.5	5.3
1994....	9.2	10.3	11.6	8.0
1995....	8.8	8.1	19.4	2.9
1996....	9.3	6.5	17.4	12.5
1997....	7.4	10.7	14.4	(³)
1998....	2.1	10.3	12.0	10.1
1999....	5.0	3.3	(⁴)	17.8
2000....	8.8	16.0	n.a.	n.a.

n.a. Not available.

1. The estimates for 1997–99 are revised from those published in last year's article in this series. See Christopher L. Bach, "U.S. International Transactions, Revised Estimates for 1989–2000," *SURVEY OF CURRENT BUSINESS* 81 (July 2001): 30–36.

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

3. Sales of services through U.S. affiliates were redefined in 1997. See the box "Changes in the Definition and Classification of Sales of Services by U.S. Affiliates" in the October 1999 Survey, page 61.

4. Sales of services through foreign affiliates were redefined in 1999. See the section "Sales Through Affiliates in 1999."

1. The estimates for sales of services abroad by foreign affiliates of U.S. companies in 1999 are based on early tabulations from the 1999 benchmark survey of U.S. direct investment abroad. The results of this survey will be published in the spring of 2002. At that time, updated tables on sales of services by foreign affiliates for 1999 will be published on BEA's Web site, including a table showing sales of services by detailed primary industry of the foreign affiliate and cross-classified by country.

in 1999, created incentives and opportunities for multinational companies to expand abroad.

This article presents detailed estimates of U.S. cross-border exports and imports of private services and of U.S. sales of services through, and purchases of services from, nonbank majority-owned affiliates of multinational companies. 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.² Sales of services through nonbank majority-owned affiliates of multinational companies represent services sold in international markets through the channel of direct investment (see the box “Channels of Delivery of Services Sold in International Markets”).³ The estimates are drawn from larger data sets on

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

affiliate operations that are presented in annual articles on the operations of U.S. multinational companies and of U.S. affiliates of foreign companies.⁴

In 1999, services delivered through nonbank majority-owned affiliates again exceeded those delivered through cross-border trade (chart 1). Because of differences in measurement and coverage, comparisons between these two channels of delivery cannot be regarded as precise, but the substantial differences in 1999 can be taken as clear indications that delivery through affiliates was the more important channel, for both U.S. sales and

3. These data cover *all* the sales of services by nonbank majority-owned affiliates, irrespective of the percentage of foreign ownership. The data are limited to nonbank affiliates because in most years, the surveys used to collect the data do not cover banking affiliates. 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.

4. See Raymond J. Mataloni, Jr., “U.S. Multinational Companies: Operations in 1998,” *SURVEY OF CURRENT BUSINESS* 80 (July 2000): 26–45, and William J. Zeile, “U.S. Affiliates of Foreign Companies: Operations in 1999,” *SURVEY* 81 (August 2001): 141–158.

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

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

The second channel of delivery is sales through foreign affiliates of multinational companies, which from the U.S. viewpoint, are sales to foreigners by foreign affiliates of U.S. companies or 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. interna-

tional transactions.)

The two channels of delivery typically differ in their effects on an economy. For example, U.S. cross-border exports usually have a greater effect on the U.S. economy than the equivalent sales through foreign affiliates, because most or all of the income generated by the production of the services 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 may accrue to the United States (and be 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, 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 data on their purchases of services that are available are those for transactions between parents and affiliates, which are discussed in the section on cross-border trade.

1. “Cross-border trade” as used here should not be confused with the term “cross-border mode of supply” that is used in connection with 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).

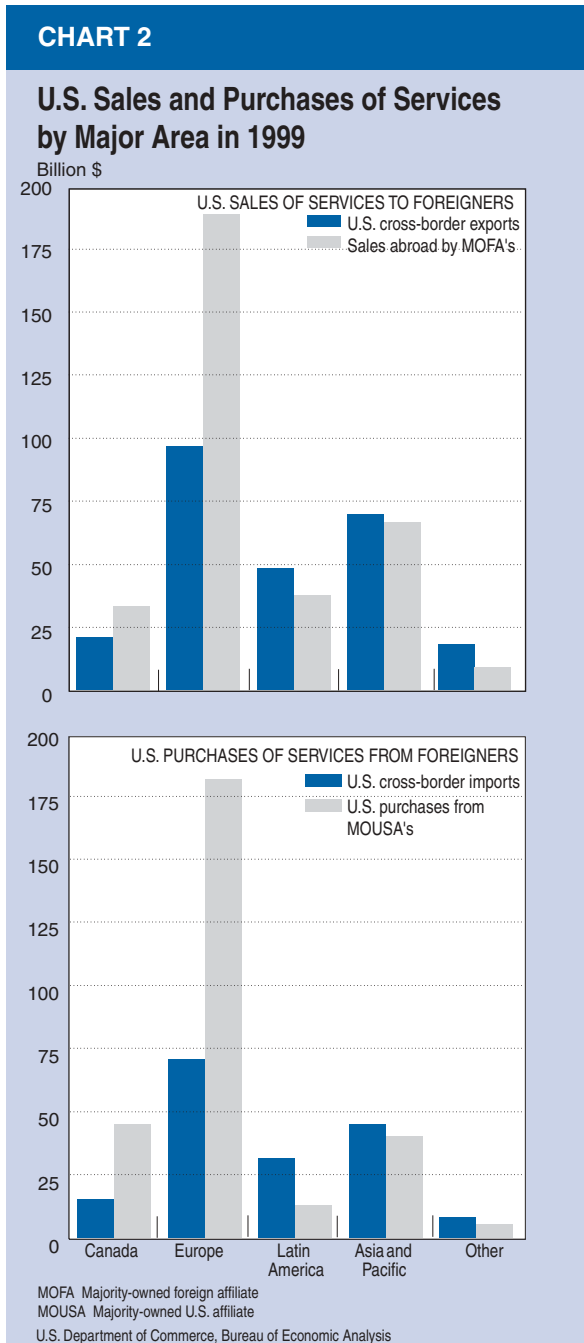
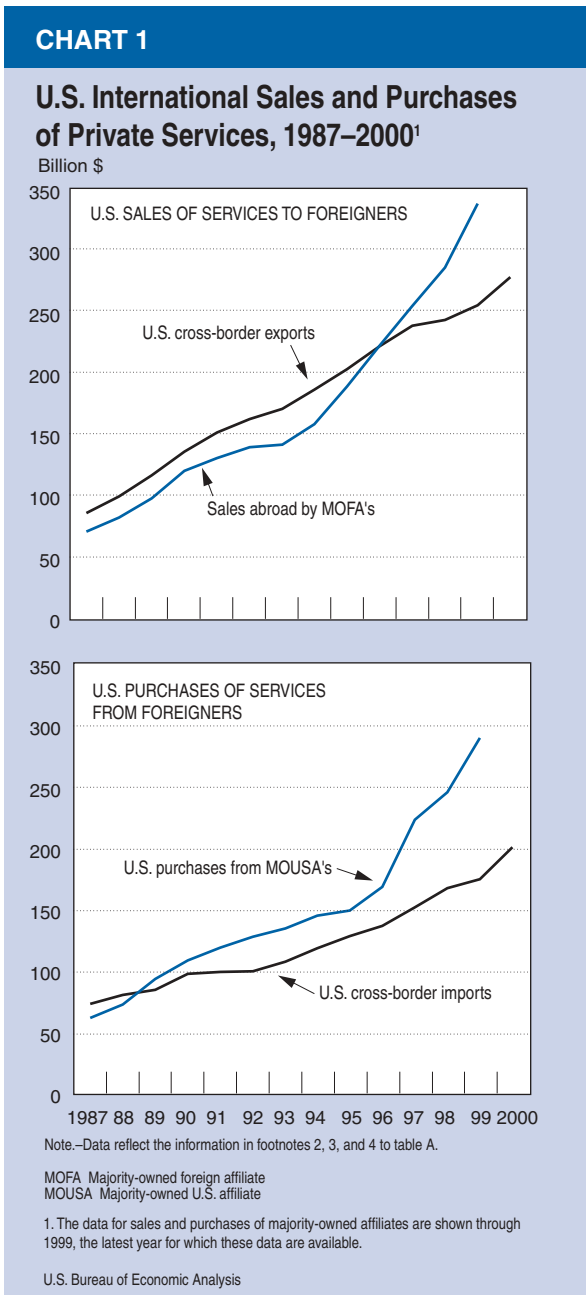
U.S. purchases of private services.⁵

The use of each channel of delivery for 1999 is 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

5. An example of a difference in measurement is that cross-border exports and imports of insurance services are measured as premiums minus claims, while sales of services by affiliates in insurance largely reflect premium income with no deduction for claims; this difference tends to exaggerate the relative importance of sales through affiliates. An example of a difference in coverage is that the estimates of cross-border exports and imports include services provided by banks, whereas those of sales through affiliates cover nonbank affiliates only.

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.

The remainder of this article is presented in two parts. The first part discusses cross-border trade, and it presents preliminary estimates for 2000 and revised estimates for 1997–99. The second part discusses sales through majority-owned affiliates;



it presents revised estimates for 1998, early tabulations from the 1999 benchmark survey for foreign affiliates, and preliminary estimates for 1999 for U.S. affiliates.

U.S. Cross-Border Trade in 2000

In 2000, U.S. exports of private services (receipts) increased 9 percent, to \$278.6 billion, following a 5-percent increase in 1999. U.S. imports of private services (payments) increased 16 percent, to \$200.6 billion, following a 3-percent increase in 1999.

	Percent change from prior year			
	Exports		Imports	
	1999	2000	1999	2000
Private services	5	9	3	16
Travel	5	10	4	10
Passenger fares	-2	5	7	14
Other transportation	5	12	12	20
Royalties and license fees	2	4	12	28
Other private services	8	10	-6	19

The pickup in exports of private services was primarily attributable to accelerating economic growth in several major U.S. trading partners, including Mexico, Japan, China, and the United Kingdom. Growth in other key U.S. export markets, including Korea and Canada, continued to be strong. These six countries accounted for more than half of the increase in U.S. services exports in 2000. Economic growth in most euro-area countries also accelerated in 2000, but exports to the euro area were dampened by the weak value of the euro against the U.S. dollar.

The surge in services exports in 2000 represented a return to the strong rates of export growth of the early to mid-1990s. Services exports slowed toward the end of the decade, principally because of poor economic conditions in several Asian countries. These conditions—which reflected sharp reductions in real income, asset values, and access to capital markets—adversely affected many of the services accounts.

The increase in services exports was concentrated in the first half of 2000. Growth leveled off in the second half, reflecting slowing economic growth in foreign economies. The slowdown in services exports was widespread and included travel, passenger fares, other transportation, royalties and license fees, and financial services.

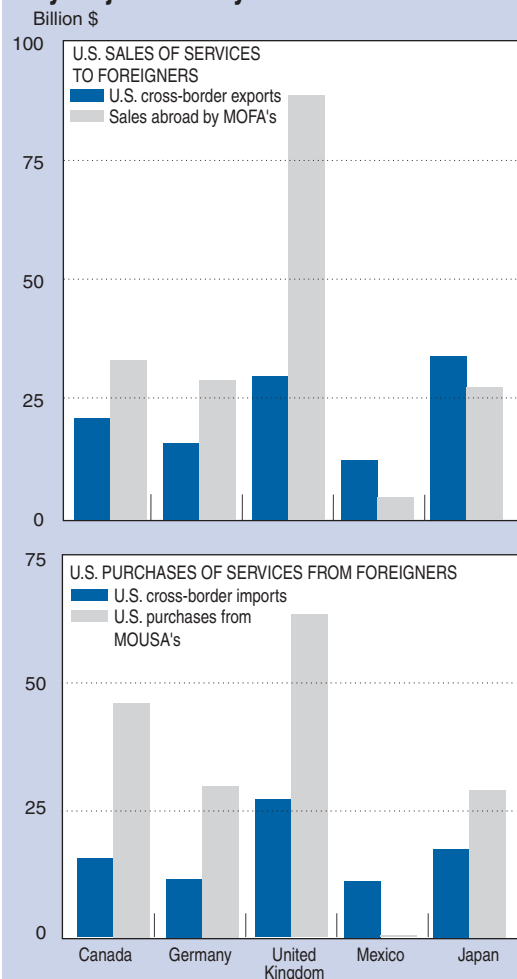
The 2000 increase in services imports, the fastest in more than 20 years, was attributable to macroeconomic factors and to specific services.⁶ Overall U.S. demand for imports was boosted by the strong growth of the U.S. economy. Apprecia-

tion of the U.S. dollar against the currencies of many of our major trading partners led to increased payments for services, particularly travel and passenger fares, that respond quickly to movements in exchange rates. Payments were also boosted by a recovery in insurance services from an unusually low level in 1999 and by a sharp increase in unaffiliated payments of royalties and license fees that reflected a one-time payment to the International Olympic Committee for the rights to broadcast the Summer Olympic Games. Excluding

6. The increase in services imports from 1983 to 1984 was greater than the increase from 1999 to 2000. However, the 1983–84 increase was largely attributable to BEA's introduction of an improved method for measuring travel services, which caused a break in the series.

CHART 3

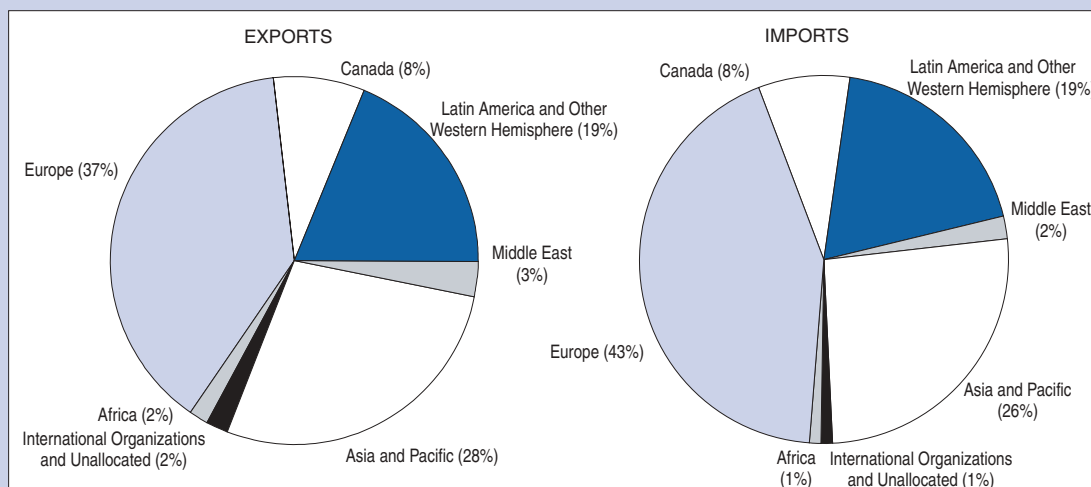
U.S. Sales and Purchases of Services by Major Country in 1999



MOFA Majority-owned foreign affiliate
 MOUSA Majority-owned U.S. affiliate
 U.S. Department of Commerce, Bureau of Economic Analysis

CHART 4

U.S. Cross-Border Services Transactions: Share by Area in 2000



U.S. Department of Commerce, Bureau of Economic Analysis

insurance and the Olympics payment, imports increased 12 percent in 2000, following a 7-percent increase in 1999.

Europe and Asia and Pacific together accounted for nearly two-thirds of total U.S. cross-border exports and for more than two-thirds of total U.S. cross-border imports of private services in 2000 (chart 4). Seven countries—the United Kingdom, Japan, Canada, Germany, Mexico, France, and the Netherlands—accounted for nearly half of both total U.S. exports and total U.S. imports of services (table B).

Additional information about the five broad categories of cross-border trade in private services in the U.S. international transactions accounts—travel, passenger fares, other transportation, royalties and license fees, and other private services—follows (for detailed estimates, see the tables at the end of the article).⁷

Travel

Travel receipts increased 10 percent in 2000, to \$82.0 billion, following a 5-percent increase in 1999. The pickup was primarily attributable to improving economic conditions abroad during the first half of 2000. Receipts leveled off during the

second half of 2000, reflecting slowing economic growth in foreign economies. Receipts from several countries, including those in the euro area,

Table B.—Cross-Border Service Exports and Imports by Type and Country, 2000
[Millions of dollars]

	Total services	Travel	Passenger fares	Other transportation	Royalties and license fees	Other private services
Exports						
All countries	278,570	82,042	20,745	30,185	38,030	107,568
10 major countries ¹	153,197	45,769	12,930	14,426	22,994	57,078
Japan	34,241	10,238	3,773	3,508	6,992	9,730
United Kingdom	30,093	9,957	2,751	1,914	3,272	12,199
Canada	23,206	7,055	1,713	2,703	2,102	9,633
Germany	15,993	4,035	1,090	1,906	2,951	6,011
Mexico	14,013	4,937	1,027	701	949	6,399
France	10,300	2,637	1,016	637	1,997	4,013
Korea, Republic of	6,940	2,216	64	1,548	1,282	1,830
Netherlands	6,855	1,288	404	764	1,433	2,966
Brazil	5,960	2,230	919	479	670	1,662
Switzerland	5,596	1,176	173	266	1,346	2,635
Other countries	125,373	36,273	7,815	15,759	15,036	50,490
Imports						
All countries	200,585	64,537	24,197	41,058	16,106	54,687
10 major countries ¹	116,512	33,627	13,117	18,439	12,660	38,670
United Kingdom	26,913	6,368	4,746	2,647	1,422	11,730
Japan	17,249	2,872	938	5,738	3,976	3,725
Canada	16,313	6,367	827	3,578	986	4,555
Germany	11,402	2,678	1,924	2,198	1,650	2,952
Mexico	10,986	6,646	920	1,371	66	1,983
France	10,472	3,634	1,183	938	1,022	3,695
Bermuda	7,408	430	0	0	839	6,139
Switzerland	5,367	980	926	294	1,589	1,578
Netherlands	5,234	745	968	1,012	1,027	1,482
Italy	5,168	2,907	685	663	83	830
Other countries	84,072	30,910	11,080	22,619	3,446	16,017

1. Ranked by trade in dollar amounts.

7. The estimates of cross-border transactions incorporate recent improvements in source data and estimation methods. This year, improvements were made to the estimates of payments for computer services by incorporating data collected by Canada's statistical agency covering Canadian companies' receipts from the sale of computer services to the United States.

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 for travel on U.S. cruise vessels. Payments consist of fares paid by U.S. residents to foreign air carriers for travel between the United States and foreign countries and for travel on foreign cruise vessels.

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

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

Royalties and license fees.—The royalties and license fees accounts cover transactions with nonresidents that involve

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

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

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

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

Insurance consists of premiums earned and paid for primary insurance and for reinsurance; losses paid by U.S. insurers and losses recovered from foreign insurers are netted against the premiums. Primary insurance consists of life insurance, accident and health insurance, and property and casualty insurance. Each type of primary insurance may be reinsured; reinsurance is the ceding of a portion of a premium to another insurer who then assumes a corresponding portion of the risk. Reinsurance is one way of providing coverage for events with so high a degree of risk or liability that a single insurer is, by itself, unwilling or unable to underwrite insurance against their occurrence.

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

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

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

were dampened by the strong value of the U.S. dollar, particularly during the second half of the year when the portion of pleasure travel, which is more price sensitive than business travel, rises.

Receipts from Asia accelerated as the pace of travel returned to more normal levels after the Asian financial crisis, which created recessionary conditions in Asia that severely affected travel during the late 1990's. The number of visitors from Asia increased 9 percent to 7.5 million, nearly reaching the record 7.8 million visitors in 1997.

Receipts from Mexico surged as the number of visitors to the border area and their average expenditures increased. The surge was spurred by strong economic growth in Mexico (real GDP in Mexico increased 6.9 percent in 2000, following a 3.8-percent increase in 1999) coupled with the stability of the peso against the U.S. dollar.

Receipts from Canada increased primarily because of an increase in visitors arriving by air. The number of visitors arriving by auto—largely “same day” travel—was little changed.

Travel payments increased 10 percent in 2000, to \$64.5 billion, following a 4-percent increase in 1999. The growth in payments for overseas travel accelerated as average expenditures by U.S. travelers abroad increased 1 percent after decreasing 1 percent and as the number of U.S. travelers overseas increased 9 percent after increasing 7 percent. The step-up in U.S. travel overseas reflected the strong growth of the U.S. economy and the appreciation of the U.S. dollar against the currencies of several countries that are popular destinations. Travel to the countries in the euro area was exceptionally strong, driven by the sharp depreciation of the euro against the U.S. dollar.

The faster growth in travel payments in 2000 also reflected a turnaround in payments to Mexico that was primarily attributable to a large increase in payments for travel to the interior of the country. In 1999, payments had decreased because of decreases in expenditures by U.S. travelers in the Mexican border area and the Mexican interior.

Payments to Canada increased slightly, as a small increase in travel by air was mostly offset by a small decrease in travel by auto.

Passenger fares

Passenger fare receipts increased 5 percent in 2000, to \$20.7 billion, following a 2-percent decrease in 1999. A large pickup in the total number of visitors, especially from the Asian and Pacific area, more than offset a continued increase in the share

of foreigners traveling on foreign airlines rather than on U.S. airlines.

Passenger fare payments increased 14 percent, to \$24.2 billion, following a 7-percent increase. The acceleration was almost entirely accounted for by a pickup in payments for travel to Europe, which was partly driven by the appreciation of the U.S. dollar against the euro. The number of U.S. residents traveling on foreign airlines increased 7 percent.

Other transportation

Receipts for “other transportation” increased 12 percent in 2000, to \$30.2 billion, following a 5-percent increase in 1999. Receipts by U.S.-operated ocean carriers stepped up as a result of increases in the volumes of goods transported that reflected the worldwide pickup in economic growth, especially in Europe and Asia. Air freight increased, reflecting an increase in revenues for transporting goods between foreign countries; these revenues were boosted by a surcharge that was imposed by air carriers to help offset the higher fuel prices. Port services receipts also increased, as an increase in the volume of goods and passengers passing through U.S. ports led to an increase in port expenditures by foreign ocean and air carriers, especially foreign-operated liner vessels. Bunker and jet fuel revenues were also higher.

U.S. firms' freight receipts for transporting goods by truck in Canada increased 8 percent to \$1.4 billion. U.S. cross-border trucking transactions with Mexico are insignificant due to restrictions that limit the ability of U.S. trucks to operate in Mexico and Mexican trucks to operate in the United States; the North American Free Trade Agreement provides for the removal of these restrictions.

Payments for “other transportation” increased 20 percent in 2000, to \$41.1 billion, following a 12-percent increase in 1999. The pickup resulted from a strong increase in goods imports from all major geographic areas. Ocean freight payments rose as a result of the higher import volumes and higher freight rates. Liner freight rates on imports from Asia and tanker freight rates increased substantially, reflecting capacity shortages. Air freight rates also increased. Payments to Canadian carriers for transporting goods by truck in the United States increased 11 percent to \$2.3 billion.

Port services payments abroad also increased, largely reflecting an increase in airport services payments that resulted from increases in both export and import volumes of goods trade, from in-

creases in passenger traffic, and from higher prices for jet fuel.

Royalties and license fees

Receipts from royalties and license fees increased 4 percent in 2000, to \$38.0 billion, following a 2-percent increase in 1999. Affiliated royalty and license fee receipts increased 3 percent, following a 2-percent decrease; the increase in 2000 was largely accounted for by U.S. affiliates in the telecommunications and chemicals industries. Unaffiliated royalty and license fee receipts continued to increase. Increases associated with the licensing of wireless technologies were particularly large. Unaffiliated receipts from the rights to use and distribute software also continued to increase, reaching nearly \$4 billion in 2000. Additional receipts from software licensing agreements stemmed from transactions through affiliated (intrafirm) channels, but the value cannot be separately identified.

Payments of royalties and license fees increased 28 percent in 2000, to \$16.1 billion, following a 12-percent increase in 1999. These payments, which have more than doubled since 1996, have been the fastest growing major category of services imports. The increase in 2000 was largely attributable to two factors. First, payments by U.S. affiliates to their foreign parents increased more than 25 percent, partly reflecting robust activity of affiliates in the motor vehicle manufacturing and the computer services industries. Second, payments to unaffiliated foreigners also increased sharply. This increase was largely due to payments to the International Olympic Committee for broadcast rights to the Summer Olympic Games; the increase also reflected payments associated with the rights to sell children's toys in the United States.

Other private services

Receipts for "other private services" increased 10 percent in 2000, to \$107.6 billion, following an 8-percent increase in 1999. The increase in 2000 was widespread among the services included under "other private services." Payments increased 19 percent in 2000, to \$54.7 billion, following a 6-percent decrease in 1999. The turnaround was attributable to a single category—insurance services; excluding insurance, payments increased 6 percent, following a 7-percent increase.

Highlights follow for each of the five principal categories of unaffiliated cross-border trade in

"other private services"—education; financial services; insurance; telecommunications; and business, professional, and technical services. (For detailed estimates, see the tables at the end of the article).

"Education" receipts increased 7 percent in 2000, to \$10.3 billion, following a 6-percent increase in 1999. In 2000, more than 500,000 foreign students were enrolled in colleges and universities in the United States, a slight increase from 1999. More than half of the students came from Asian countries. Payments increased 17 percent in 2000, to \$2.1 billion, following a 15-percent increase in 1999. Educational institutions in Europe remained the most popular destination for U.S. students studying abroad.

Financial services receipts increased 19 percent, to \$17.0 billion, in 2000, following a 26-percent increase in 1999. These receipts, which have more than doubled since 1996, have been one of the fastest growing categories of services exports. The pace in 2000 reflected vigorous foreign activity in U.S. financial markets. Most of the increase was attributable to financial management, advisory (including mergers and acquisitions advice), and custody services. Brokerage commissions also increased sharply as foreigners traded heavily in outstanding U.S. stocks and bonds. Fees from private placement and underwriting services increased as foreigners expanded their borrowing activity in the United States. Fees from credit card services also increased. Financial services payments increased 32 percent to \$4.5 billion in 2000, following a 5-percent decrease in 1999. Despite the sharp increase in 2000, which resulted from renewed activity in foreign financial markets, the level of payments remained well below that of receipts.

Insurance services receipts nearly doubled in 2000, to \$2.4 billion, following a 42-percent decrease in 1999.⁸ Premiums received by U.S. insurance companies from foreigners in 2000 outpaced claims paid to foreigners. The increase in premiums was largely attributable to new business, especially in Asia, where reinsurance assumed from primary insurance companies abroad increased sharply. Insurance services payments nearly tripled in 2000, to \$9.2 billion, following a 65-percent decrease in 1999. The sharp recovery

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

occurred as premiums paid increased, while losses recovered were little changed. The increase in premiums reflected both higher rates and an increase in the amount of insurance ceded to foreign reinsurance companies. Foreign companies set higher rates in order to recoup past losses and to obtain a sounder financial position. In 1999, net payments were at an unusually low level as losses recovered on reinsurance by U.S. companies increased more than 50 percent. This increase in losses recovered was attributable to a large number of weather-related events and other events in the property and casualty market.

Receipts for telecommunications services increased 3 percent in 2000, to \$3.8 billion, and payments decreased 19 percent to \$5.4 billion. Calling rates continued to decline sharply, while the volume of calls surged. The reduction in calling rates is partly attributable to the World Trade Organization Basic Telecommunications Agreement, which was negotiated in 1997. The agreement obligated signatories to reduce their settlement rates by predetermined amounts each year for 5 years beginning in 1997; in 2000, signatories reduced their rates by an average of more than 20 percent, largely as a result of the agreement.⁹ In addition to message transmission services, telecommunica-

tions transactions arise from private leased channel services, value added services (such as videoconferencing), and support services. The United States continues to run a deficit in telecommunications services largely because more calls between the United States and foreign countries originate here than originate abroad. The tendency for calls to originate in the United States reflects several factors, including the relatively low international calling rates from the United States, the relative wealth of the United States, and the large immigrant population.

Business, professional, and technical services receipts increased 3 percent, to \$28.0 billion in 2000, following a 20-percent increase in 1999, and payments decreased 4 percent, to \$7.8 billion, following a 10-percent increase. The increase in receipts in 2000 was mostly accounted for by a pickup in legal services. Receipts for "computer and data processing services"—a service that covers systems analysis and design, custom programming, data processing, and other computer related services—were little changed at \$2.5 billion (for more information, see the box "Delivery of Computer Services to Foreign Markets"). Payments for "computer and data processing services" were also little changed, at \$0.8 billion.

"Other private services" delivered to foreign markets through affiliated channels (intrafirm receipts) increased 9 percent, to \$31.6 billion, in 2000, following a 3-percent increase in 1999. In-

9. In addition to the agreement, the U.S. Federal Communications Commission's (FCC) *1997 Benchmarks Order* also played a part in the rate reductions, as did other forces, such as privatization and technological changes. See the FCC's *Report on International Telecommunications Markets 2000 Update*, May 4, 2001.

Delivery of Computer Services to Foreign Markets

As explained in the box "Channels of Delivery of Services to International Markets," services may be delivered to international markets through two major channels—cross-border trade and sales through affiliates. For some services, the means of delivery may be further divided within the two major channels, so the total value of certain types of services may be scattered across several categories in the cross-border and sales by affiliates tables. This is particularly true of computer-related services.

Cross-border exports to unaffiliated foreigners of "computer and data processing services" and "data base and other information services" are shown in table 1 under "business, professional, and technical services."¹ In addition, computer-related services can be delivered to foreign markets through cross-border software-licensing agreements (see the section "Royalties and license fees").² The estimates of exports through agreements with unaffiliated foreigners are shown in footnote 1 to table 4. The estimates

of exports through agreements with affiliated foreigners (intrafirm trade) are included in affiliated royalties and license fees transactions in table 1, but their value cannot be separately identified. Intrafirm exports of computer and information services, which comprise computer and data processing services and data base and other information services, are reported in the appendix, "Detail on Intrafirm Trade in Services." Sales of computer-related services through foreign affiliates exceeded cross-border exports of these services, reflecting the advantages of a local presence when delivering these services to foreign customers (see table 9). The available data on sales through affiliates are classified by primary industry of the affiliate, rather than by type of service; thus, computer-related services may be sold not only through foreign affiliates in the computer services industry but also by affiliates in several other industries, particularly machinery manufacturing and wholesale trade.

1. For detailed estimates of 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.

trafirm payments increased 12 percent, to \$25.3 billion, following a 16-percent increase. For more information about these and other affiliated

services, see the appendix "Detail on Intrafirm Trade in Services" on page 62.

Changes in the Definition and Classification by Industry of Sales of Services by Foreign Affiliates

The 1999 estimates of sales of services by foreign affiliates of U.S. companies are based on new industry classifications derived from the 1997 North American Industry Classification System (NAICS); the estimates for prior years are based on classifications derived from the 1987 Standard Industrial Classification (SIC) system.¹ The industry disaggregation of the 1999 estimates reflects the NAICS-based classifications and a new treatment of petroleum-related activities that distributes them among the NAICS-based industry groups to which they belong rather than consolidating them in the major industry "petroleum." The use of the NAICS-based classifications, which provide greater industry detail than was previously available, required a redefinition of sales of services by foreign affiliates. Overall, the redefinition resulted in a net shift of sales from goods to services.²

The NAICS is the new industry classification system of the United States, Canada, and Mexico; in the United States, it supplants the 1987 SIC system. Among other improvements, NAICS better reflects new and emerging industries, industries involved in the production of advanced technologies, and the growth and diversification of services industries. The International Survey Industry (ISI) classifications that are based on the NAICS were first used in BEA's direct investment surveys in the 1997 Benchmark Survey of Foreign Direct Investment in the United States. The first NAICS-based data on sales of services by U.S. affiliates of foreign companies were presented in an article in the October 1999 SURVEY OF CURRENT BUSINESS.³

The NAICS-based classifications group industries that use similar processes to produce services. For example, the new NAICS sector "Information" groups industries that primarily create and disseminate intellectual property that may be subject to copyright. This sector combines activities that produce information with the activities that provide the means for distributing it (see table 9.2). In the 1987 SIC, these activities are classified in a number of different industries; for example, publishing is classified in manufacturing; broadcasting, in communications; software production, in computer services; and film production, in amusement services. The new NAICS sectors "Professional, Scientific and Technical Services" and "Health Care and Social Assistance" cover activities that had been included in the "Ser-

vices" division of the 1987 SIC.⁴

As a result of using the NAICS-based classifications, sales of services by foreign affiliates of U.S. companies in the 1999 benchmark survey were defined as outputs that are typically associated with a specified group of NAICS-based industries. Previously, they were defined as outputs typical of a specified group of SIC-based industries (see the note to table C).

The redefinition raises the measure of sales of services by foreign affiliates of U.S. companies. Most of the sales that are included under the NAICS-based definition of sales of services are also included under the SIC-based definition and vice versa, but some sales that are included in services under the NAICS-based definition are included in goods under the SIC-based definition, particularly those characteristic of restaurants and of publishers of newspapers, periodicals, books, and records. The NAICS-based definition of services also excludes some sales that the SIC-based definition includes, particularly those characteristic of land subdividers, firms that reproduce software and video, and dental laboratories. The sales that are newly included in sales of services and those that have been reclassified to sales of goods cannot be precisely measured with the data reported in the 1999 benchmark survey. However, those data—including information reported by affiliates on the distribution of these sales by industry of sales—indicate that as a result of the redefinition, sales of services account for a larger share—and sales of goods, for a smaller share—of total sales by foreign affiliates under the NAICS-based definitions.

As a result of using the NAICS-based classifications, the group of industries used to define sales of services conforms more closely to the general concepts of goods and services than the SIC-based definitions. For example, in the SIC-based classifications, restaurants and grocery stores are both included in retail trade, and their sales are treated as sales of goods.⁵ In the NAICS-based classifications, restaurants are included in the service industry "accommodation and food services," and their sales are treated as sales of services; grocery stores remain in retail trade, and their sales are still classified as sales of goods. The new grouping better reflects the services, such as table service and the provision of facilities for on-site consumption, that differentiate the sales of restaurants from those of grocery stores and other establishments that provide unprepared food to retail customers.

1. See Office of Management and Budget, *North American Industry Classification System: United States, 1997* (Washington, DC: Bernan Press, 1998), and Office of Management of Budget, *Standard Industrial Classification Manual, 1987* (Washington, DC: U.S. Government Printing Office, 1987). Information on NAICS can be accessed on the Internet at <www.census.gov/epcd/www/naics.html>.

2. For the data on sales by U.S. affiliates of foreign companies, the change to NAICS-based classifications occurred with the data for 1997.

3. Additional information on the new NAICS-based ISI classifications is provided in "U.S. International Services: Cross-Border Trade in 1998 and Sales Through Affiliates in 1997," SURVEY 79 (October 1999): 48-95 and in the *Guide to Industry and Foreign Trade Classifications for International Surveys*, which can be accessed on BEA's Web site at <www.bea.doc.gov/bea/surveys.htm>.

4. For additional information on the differences between the NAICS and the SIC classifications, see *NAICS: United States, 1997* and Bureau of the Census, *1997 Economic Census*, which can be accessed at <www.census.gov/epcd/www/econ97.html>. A concordance between the NAICS-based ISI codes and the SIC-based ISI codes can be accessed at <www.bea.doc.gov/bea/surveys.htm>.

5. Although retail trade is generally considered to be a services-producing industry, and the value added by firms in the industry is considered to represent output of services, the sales in the industry are sales of goods.

Sales Through Affiliates in 1999

In 1999, the latest year for which data are available, worldwide sales (the combined sales to foreign and U.S. persons) of private services by U.S. multinational companies through their nonbank, majority-owned foreign affiliates were \$357.3 billion, up 18 percent from 1998. Worldwide sales of services by foreign multinational companies through their nonbank, majority-owned U.S. affiliates were \$312.9 billion, up 19 percent (table C).¹⁰

Roughly half of the growth in sales of services by foreign affiliates reflected changes in definitions and coverage associated with the 1999 benchmark survey of U.S. direct investment abroad (USDIA). The 1999 estimates are based on early tabulations from the benchmark survey, which was the first survey of outward direct investment in which sales by foreign affiliates were collected on the basis of definitions derived from the North American Industry Classification System (NAICS). The previous USDIA surveys were based on definitions derived from the Standard Industry Classification (SIC) system. (See the box "Changes in the Definition and Classification by Industry of Sales of Services by Foreign Affiliates.") The redefinition of sales of services using the NAICS-based classification system resulted in a net shift of sales from goods to services. The estimates of sales of services also reflected improvements that resulted from the more comprehensive coverage and broader subject matter in the benchmark survey than in BEA's annual sample surveys.

For goods and particularly for services, sales by affiliates are predominantly local transactions. In 1999, 86 percent of worldwide sales of services by foreign affiliates of U.S. companies were local sales, that is, transactions with parties located in the same country as the affiliate; the corresponding share for goods was 63 percent. Services' larger share reflects the importance of proximity to the customer in the delivery of services. Partly reflecting the large U.S. market, local sales accounted for 92 percent of sales of services by U.S. affiliates of foreign companies and for an estimated 90 percent of sales of goods.¹¹

10. In this section, sales of services are defined as sales that are typically associated with particular industries. The industry groups used for this purpose are listed in the note to table C. For the first time since the 1996 data were published, sales of services by foreign affiliates and by U.S. affiliates were defined consistently, beginning with the data in this article for 1999.

11. 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 1999, exports of goods shipped by affiliates represented 10 percent of the sales of goods by these affiliates.

Sales of services to foreign persons by nonbank foreign affiliates and sales of services to U.S. persons by nonbank U.S. affiliates both represent services delivered to international markets through the channel of direct investment. These sales are shown by country of foreign affiliate or by country of the U.S. affiliates' ultimate beneficial owner (UBO) for 1992–99 in table 8.¹² Sales by foreign affiliates are shown in tables 9.1 and 9.2: Table 9.1 shows sales by foreign affiliates by primary industry of the affiliate, cross-classified by country for 1998, and reflects the SIC-based classifications used in the past; table 9.2 shows sales by foreign affiliates classified by primary industry for 1999 and reflects the new NAICS-based classifications. Tables 10.1 and 10.2 show data for U.S. affiliates by primary industry (using the NAICS-based classifications), cross-classified by country of UBO for 1998 and 1999.

12. 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.

Table C.—Sales of Services by U.S. MNC's Through Their Nonbank MOFA's and by Foreign MNC's Through Their Nonbank MOUSA's, 1998–99
[Millions of dollars]

	1998	1999
Sales through MOFA's		
Total	303,181	357,298
To affiliated persons	39,472	36,942
To unaffiliated persons	263,709	320,356
To U.S. persons	17,115	18,889
To U.S. parents	13,761	14,498
To unaffiliated U.S. persons	3,354	4,392
To foreign persons	286,066	338,409
To other foreign affiliates	25,710	22,445
To unaffiliated foreign persons	260,355	315,964
Local sales	245,431	307,725
To other foreign affiliates	9,334	9,835
To unaffiliated foreigners	236,097	297,890
Sales to other countries	40,634	30,684
To other foreign affiliates	16,377	12,610
To unaffiliated foreigners	24,258	18,074
Sales through MOUSA's		
Total	262,520	312,944
To U.S. persons	245,472	289,307
To foreign persons	17,048	23,636
To the foreign parent group	9,393	10,469
To foreign affiliates	752	1,155
To other foreigners	6,903	12,012

NOTE.—Depository institutions are excluded from both listings because data are not available.

In this table, sales of services through MOFA's in 1998 are those typical of establishments in the following SIC-based industries: "Services;" finance (except depository institutions), insurance, and real estate; agricultural, mining, and petroleum services; and transportation, communication and public utilities.

Sales of services through MOFA's in 1999 and through MOUSA's are those typical of establishments in the following NAICS-based industries: 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

Foreign affiliates' sales to foreign persons

In 1999, sales of services to foreign customers by nonbank, majority-owned foreign affiliates of U.S. companies were \$338.4 billion. By area, affiliates in Europe accounted for more than half of the total. Within Europe, almost half of the sales were accounted for by affiliates in the United Kingdom; affiliates in Germany had the second highest sales, followed by those in France and the Netherlands. Outside of Europe, affiliates in Canada and Japan accounted for the most sales.

By NAICS-based industry group, sales were largest in "other industries," followed by finance (except depository institutions) and insurance and by information. Within "other industries," sales were largest by affiliates in utilities, in administration, support, and waste management (primarily in employment services), in accommodation and food services (primarily in food services and drinking places), and in transportation and warehousing. Insurance accounted for the majority of sales in finance and insurance. Within informa-

tion, sales in broadcasting and telecommunications were largest, primarily in telecommunications.

Sales of services abroad by foreign affiliates increased 18 percent in 1999, but roughly half of this growth reflected the effects of the benchmark survey. A significant portion of the remaining increase in sales resulted from the acquisitions of foreign affiliates as part of the global boom in merger and acquisitions. Much of this activity occurred in industries with substantial sales of services, particularly the telecommunications industry, which was undergoing rapid technological change.¹³ In addition, sales were spurred by strong economic growth in many of the important host countries for foreign affiliates, especially in the Asia and Pacific region, where economic conditions improved from the recessionary conditions of 1998. This economic growth not only created attractive opportunities for U.S. multinationals to

13. For additional information, see Sylvia E. Bargas, "Direct Investment Positions for 1999: Country and Industry Detail," *SURVEY 80* (July 2000): 57-68.

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 a variety of other sources, including data from surveys conducted by other Federal Government agencies, data provided by private sources, U.S. Customs Service data, and data from 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 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 for each survey on the items covered, 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.doc.gov> or by writing to the International Investment Division, BE-50, Bureau of Economic Analy-

sis, Washington, DC 20230. For further information, call 202-606-9853.

The data on cross-border trade with affiliated foreigners and on sales by majority-owned affiliates are collected in BEA's surveys of U.S. direct investment abroad (USDIA) and of foreign direct investment in the United States (FDIUS). The methodology for the USDIA surveys is described in *U.S. Direct Investment Abroad: 1994 Benchmark Survey, Final Results* (Washington, DC: U.S. Government Printing Office (GPO), 1998); the methodology for the FDIUS surveys is described in *Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey* (Washington, DC: U.S. GPO, 2001).

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. GPO, 1990). For changes in the methodology that have been made since 1990, see the section "Technical Notes" in the quarterly articles on the U.S. international transactions in the June 1990 and 1991 issues of the *SURVEY OF CURRENT BUSINESS*, the section "Revised Estimates for 1976-91" in the June 1992 issue, and the annual articles on the revised estimates of U.S. international transactions in the June 1993-95 issues and in the July 1996-2001 issues.

These methodologies and the *SURVEY* articles for July 1996-2001 are available on BEA's Web site.

expand abroad but also boosted the sales by existing affiliates.

Because of the effects of the benchmark survey, changes in sales of services by majority-owned foreign affiliates from 1998 to 1999 cannot be analyzed in detail.

U.S. affiliates' sales in the United States

In 1999, sales of services to U.S. customers by majority-owned U.S. affiliates of foreign companies were \$289.3 billion. By area of the affiliates' UBO, Europe accounted for the largest share of the total (64 percent), followed by Canada (16 percent), Asia and Pacific (14 percent), and Latin America (5 percent). By country of the affiliates' UBO, the United Kingdom accounted for the largest share of sales, followed by Canada, the Netherlands, and Germany.

By NAICS-based industry group, sales were largest in finance (except depository institutions) and insurance, followed by "other industries" and by information. Most of the sales in finance and insurance were accounted for by affiliates in insur-

ance, particularly those with UBO's in the United Kingdom, Canada, the Netherlands, and Switzerland. Sales in "other industries" were largest in utilities, in transportation and warehousing, in administration, support, and waste management (primarily in employment services), and in accommodation and food services. In information, sales were largest in broadcasting and telecommunications, followed by publishing.

U.S. affiliates' sales of services in the United States increased 18 percent in 1999. The increase primarily reflected net additions to the affiliate universe as a result of a record volume of new direct investments by foreign multinational companies.¹⁴ Acquisition activity was particularly strong in two industries with substantial sales of services—telecommunications and insurance. Many of the acquisitions were by investors in Europe and Canada, where favorable economic conditions led to expansion abroad. Strong economic growth in the United States not only made the United States an attractive destination for foreign investment but also contributed to the growth in sales of services by existing U.S. affiliates.¹⁵

More than three-fourths of the increase in affiliates' sales of services was accounted for by affiliates with UBO's in Europe. Affiliates with UBO's in Latin America accounted for 12 percent, and those with UBO's in Canada, for 9 percent. Within

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14. According to data from BEA's survey of new foreign direct investment, outlays to acquire or establish U.S. businesses were \$275.0 billion in 1999 (a record that was surpassed in 2000). See Ned G. Howenstine, "Foreign Direct Investment in the United States: New Investment in 2000," SURVEY 81 (June 2001): 27-34.

15. For additional information about foreign direct investment in the United States, seeargas, "Direct Investment Positions in 1999," and Zeile, "Operations in 1999."

Data Availability

The estimates of cross-border trade for 1986-2000 and of sales through majority-owned affiliates for 1989-99 are available as files that can be downloaded from BEA's Web site at <www.bea.doc.gov>. To access these files, click on "Balance of payments and related data," and look under "Goods and services." The results of the 1999 benchmark survey of U.S. direct investment abroad will be published in the spring of 2002, and the files on the Web site will be updated with the most recent estimates of sales of services by foreign affiliates for 1999, classified by primary industry of the affiliate and cross-classified by country.

Europe, the largest increases were for the Netherlands and the United Kingdom. For the Netherlands, the increase primarily reflected sales of services by newly acquired affiliates in the insurance sector. For the United Kingdom, the increase was concentrated in information and was largely accounted for by recently acquired affiliates in telecommunications. Outside of Europe, the largest increase was for Latin America and Other Western Hemisphere and reflected recent acquisitions in telecommunications and insurance.

By industry, the largest increases were by affiliates in finance and insurance, followed by affiliates in "other industries" and information. In finance and insurance, the increase was concentrated in insurance, primarily life insurance, and was largely the result of the previously mentioned acquisitions. For "other industries," the increase was primarily in utilities, particularly electric power distribution. In information, an increase in telecommunications due to recent acquisitions was partly offset by a decrease in broadcasting, partly related to selloffs.

Appendix

Detail on Intrafirm Trade in Services

As part of the ongoing efforts to improve its statistics on international trade in services, BEA has de-

veloped more detailed estimates of cross-border trade in services between U.S. affiliates and their foreign parent groups by type of service for 1997 to 2000.¹⁶ These estimates, presented here for the first time, are based on data first collected in the 1997 benchmark survey of foreign direct investment in the United States. They are similar to estimates of cross-border trade in services by type between U.S. parents and their foreign affiliates, which are based on data first collected in the 1994 benchmark survey of U.S. direct investment abroad and first presented in 1998.¹⁷

Table D provides a more complete picture of intrafirm trade in services by type than previously available by integrating three sets of estimates: The new estimates of trade in services between U.S. affiliates and their foreign parent groups, the updated estimates of trade in services between U.S. parents and their foreign affiliates, and the estimates of intrafirm trade for three types of services—royalties and license fees, film and televi-

16. 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.

17. The estimates of intrafirm trade in services by type for foreign affiliates of U.S. companies were first presented in Michael A. Mann, Laura L. Brokenbaugh, and Sylvia E. Bargas, "U.S. International Sales and Purchases of Private Services: U.S. Cross-Border Transactions in 1997 and Sales by Affiliates in 1996," SURVEY 78 (October 1998): 75.

Table D.—Intrafirm Trade in Services, by Type, 1997–2000

[Billions of dollars]

	Receipts									Payments									
	Total	Transportation ¹	Royalties and license fees ²	Other private services						Total	Transportation ¹	Royalties and license fees ²	Other private services						
				Total ³	Financial services	Computer and information services	Film and television tape rentals	Operational leasing	Other				Total ³	Financial services	Computer and information services	Film and television tape rentals	Operational leasing	Other	
Total transactions:																			
1997.....	52.0	0.4	24.5	27.1	2.3	1.6	2.4	1.5	19.3	24.8	0.4	6.8	17.6	2.8	0.8	(*)	0.9	13.1	
1998.....	54.9	0.4	26.3	28.2	2.7	1.3	2.3	1.8	20.0	28.4	0.4	8.5	19.4	4.2	0.9	(*)	0.9	13.4	
1999.....	55.3	0.4	25.9	29.0	3.2	1.4	2.4	1.8	20.2	32.8	0.4	9.8	22.6	4.8	0.8	(*)	1.0	16.0	
2000.....	58.7	0.5	26.6	31.6	3.3	1.5	2.4	1.8	22.6	37.9	0.4	12.2	25.3	5.6	0.7	(*)	1.1	17.9	
U.S. parents' transactions:																			
1997.....	40.8	0.4	23.1	17.3	1.4	1.4	2.4	1.2	10.9	10.8	0.4	1.4	9.0	2.5	0.5	(*)	0.1	5.9	
1998.....	42.9	0.4	24.4	18.1	1.8	1.3	2.3	1.5	11.2	12.6	0.4	1.8	10.4	3.3	0.6	(*)	(*)	6.5	
1999.....	43.0	0.4	24.3	18.3	1.9	1.3	2.4	1.4	11.3	14.5	0.4	2.0	12.1	3.6	0.6	(*)	(*)	7.9	
2000.....	44.5	0.5	24.4	19.6	2.0	1.4	2.4	1.5	12.3	15.6	0.4	2.2	13.0	3.9	0.6	(*)	(*)	8.5	
U.S. affiliates' transactions:																			
1997.....	11.2	(*)	1.4	9.8	0.9	0.2	(*)	0.3	8.4	14.0	(*)	5.4	8.6	0.3	0.3	(*)	0.8	7.2	
1998.....	12.0	(*)	2.0	10.0	0.9	(*)	(*)	0.3	8.8	15.8	(*)	6.8	9.0	0.9	0.3	(*)	0.8	7.0	
1999.....	12.2	(*)	1.6	10.6	1.3	0.1	(*)	0.4	8.9	18.3	(*)	7.8	10.5	1.2	0.2	(*)	1.0	8.1	
2000.....	14.2	(*)	2.2	12.0	1.3	(*)	(*)	0.3	10.3	22.3	(*)	10.0	12.3	1.7	0.1	(*)	1.0	9.5	

* 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. Intrafirm trade in other private services excludes

payments related to basic telecommunications services because they represent the distribution of revenues collected from unaffiliated customers. It also excludes intrafirm trade in insurance services, except for purchases of primary insurance (and the related recovery of losses) by U.S. companies from affiliated foreigners.

sion tape rentals, and operational leasing—that have been available separately in the past.¹⁸ The estimates are grouped into three major categories—transportation, royalties and license fees, and “other private services”—corresponding to the major services categories in table 1 of which they are a part.¹⁹

In a pattern consistent with the overall profile of the United States as a net exporter of services, total U.S. receipts (that is, the sum of U.S. parents’ and U.S. affiliates’ receipts) for intrafirm trade in services in 2000, at \$58.7 billion, exceeded total payments of \$37.9 billion. The surplus was accounted for by U.S. parents’ transactions; for U.S. affiliates, payments to their foreign parent groups exceeded receipts from their foreign parent groups. To at least some extent, this result reflects the nature of multinational firms, particularly the tendency for some services activities—such as management and research and development—to be conducted at headquarters on behalf of the en-

tire firm and for the expenses associated with these services to be allocated worldwide among the various units of the firm.

Of the \$58.7 billion in total receipts, receipts for “other private services” accounted for \$31.6 billion, and receipts for royalties and license fees accounted for \$26.6 billion (the small remaining receipts were for transportation services). U.S. parents’ transactions accounted for more than three-quarters of total receipts. Within other private services, the “other” category accounted for most of the receipts. A significant portion of the transactions in the “other” category may be accounted for by allocated expenses—overhead expenses, such as research and development assessments, that are apportioned among the various divisions or parts of an enterprise.

Of the \$37.9 billion in total payments for intrafirm services, payments for other private services accounted for \$25.3 billion, and payments for royalties and license fees accounted for \$12.2 billion (the small remaining payments were for transportation services). Nearly three-fifths of total payments were accounted for by U.S. affiliates. Like receipts, most of the payments related to intrafirm trade in “other private services” were accounted for by the “other” category.

Tables 1–10 follow.

18. Payments related to basic telecommunications services are excluded from intrafirm trade, even when they flow through affiliated channels, because they represent the distribution of revenues collected from unaffiliated customers. Estimates of total intrafirm trade in insurance services are not separately available; however, one small piece of intrafirm trade in insurance—specifically, the purchase of primary insurance (and the related recovery of losses) by U.S. companies from affiliated foreigners—is available and is included in “other” under “other private services” in table D.

19. Intrafirm trade is not applicable to travel and to passenger fares, the two major private services categories not shown in table D.

Table 1.—Private Services Trade by Type, 1986–2000
[Millions of dollars]

	Exports														
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Total private services	77,545	87,030	100,971	117,935	137,232	152,437	163,688	171,588	187,357	203,768	222,633	238,984	243,902	255,995	278,570
Travel	20,385	23,563	29,434	36,205	43,007	48,385	54,742	57,875	58,417	63,395	69,809	73,426	71,286	74,731	82,042
Overseas.....	15,650	18,044	22,313	26,938	30,807	34,518	40,864	45,298	47,299	54,331	59,963	63,041	61,262	63,947	70,050
Canada.....	2,701	3,309	4,150	5,340	7,093	8,500	8,182	7,458	6,252	6,207	6,842	6,945	6,206	6,670	7,055
Mexico.....	2,034	2,210	2,971	3,927	5,107	5,367	5,696	5,119	4,866	2,857	3,004	3,440	3,818	4,114	4,937
Passenger fares	5,582	7,003	8,976	10,657	15,298	15,854	16,618	16,528	16,997	18,909	20,422	20,868	20,098	19,785	20,745
Other transportation	15,438	17,027	19,311	20,526	22,042	22,631	21,531	21,958	23,754	26,081	26,074	27,006	25,604	26,916	30,185
Freight.....	4,864	5,452	6,491	7,209	8,379	8,651	8,441	8,594	9,575	11,273	11,146	11,789	11,048	11,560	13,236
Port services.....	10,574	11,575	12,820	13,318	13,662	13,979	13,088	13,364	14,180	14,809	14,929	15,217	14,557	15,356	16,950
Royalties and license fees	8,113	10,174	12,139	13,818	16,634	17,819	20,841	21,695	26,712	30,289	32,470	33,228	35,626	36,420	38,030
Affiliated.....	6,174	7,888	9,493	10,961	13,250	14,106	15,659	15,688	20,275	22,859	24,556	24,465	26,313	25,905	26,621
U.S. parents' transactions.....	5,994	7,668	9,238	10,612	12,867	13,523	14,925	14,936	19,250	21,399	22,719	23,091	24,362	24,265	24,444
U.S. affiliates' transactions.....	180	220	256	349	383	583	733	752	1,025	1,460	1,837	1,374	1,951	1,640	2,177
Unaffiliated.....	1,939	2,286	2,646	2,857	3,384	3,712	5,183	6,007	6,437	7,430	7,914	8,763	9,314	10,515	11,409
Industrial processes.....	n.a.	1,593	1,863	1,947	2,333	2,435	2,525	2,820	3,026	3,513	3,566	3,544	3,500	3,987	4,421
Other.....	n.a.	694	782	910	1,052	1,277	2,657	3,187	3,411	3,917	4,348	5,219	5,814	6,528	6,987
Other private services	28,027	29,263	31,111	36,729	40,251	47,748	49,956	53,532	61,477	65,094	73,858	84,456	91,288	98,143	107,568
Affiliated services.....	8,385	8,494	9,568	12,295	13,622	14,538	16,823	16,813	19,825	20,483	22,931	27,107	28,176	28,969	31,628
U.S. parents' transactions.....	5,577	5,658	6,808	9,117	9,532	9,975	10,479	10,902	13,313	13,033	14,118	17,288	18,135	18,340	19,604
U.S. affiliates' transactions.....	2,808	2,836	2,760	3,179	4,090	4,563	6,344	5,911	6,512	7,450	8,813	9,819	10,041	10,629	12,024
Unaffiliated services.....	19,641	20,769	21,544	24,433	26,629	33,210	33,134	36,718	41,652	44,611	50,927	57,349	63,112	69,174	75,940
Education.....	3,495	3,821	4,142	4,575	5,126	5,679	6,186	6,738	7,174	7,515	7,887	8,346	9,034	9,604	10,287
Financial services.....	3,301	3,731	3,831	5,036	4,417	5,012	4,034	4,999	5,763	7,029	8,229	10,243	11,327	14,303	17,042
Insurance, net.....	1,385	1,573	847	103	230	491	682	1,020	1,676	1,296	2,168	2,473	2,224	1,299	2,412
Premiums.....	3,424	3,615	3,534	3,117	3,388	3,365	3,852	3,981	4,921	5,491	5,929	6,118	7,278	7,282	8,898
Losses.....	2,039	2,042	2,687	3,015	3,158	2,874	3,170	2,961	3,245	4,195	3,761	3,645	5,054	5,983	6,486
Telecommunications.....	1,827	2,111	2,196	2,519	2,735	3,291	2,885	2,785	2,865	3,228	3,301	3,918	5,567	3,734	3,843
Business, professional, and technical services.....	4,813	4,765	5,970	6,823	7,752	12,045	11,722	12,958	15,330	16,078	19,466	21,547	22,676	27,114	28,026
Accounting, auditing, and bookkeeping services.....	21	27	37	124	119	168	164	132	181	222	316	412	414	381	381
Advertising.....	94	109	145	145	130	274	315	338	487	425	543	607	445	472	518
Agricultural services.....	4	7	4	3	4	56	54	47	30	30	19	23	23	21	21
Computer and data processing services.....	985	649	1,198	978	1,031	1,738	776	986	1,306	1,340	1,617	2,011	1,941	2,687	2,464
Construction, engineering, architectural, and mining services.....	759	668	790	939	867	1,478	1,935	2,407	2,474	2,550	3,553	3,503	3,884	5,784	5,252
Data base and other information services.....	124	133	196	205	283	442	641	694	1,026	1,078	1,158	1,479	1,764	2,088	2,431
Industrial engineering.....	98	304	278	219	473	363	212	268	575	726	870	1,186	1,271	1,862	1,628
Installation, maintenance, and repair of equipment.....	1,033	1,087	1,276	1,717	2,031	2,574	2,744	2,978	3,497	3,218	3,648	3,369	3,189	3,500	4,194
Legal services.....	97	147	272	397	451	1,309	1,358	1,442	1,617	1,667	1,943	2,223	2,406	2,463	3,214
Mailing, reproduction, and commercial art.....	(^c)	22	29	9	8	18	14	12	10	4	33	17	15	16	16
Management of health care facilities.....	1	0	(^a)	0	0	22	22	19	18	18	18	23	25	10	5
Management, consulting, and public relations services.....	306	327	344	300	354	870	728	826	1,134	1,489	1,460	1,632	1,888	1,893	1,834
Medical services.....	490	516	541	588	630	672	708	750	794	856	1,005	1,113	1,204	1,302	1,431
Miscellaneous disbursements.....	n.a.	n.a.	n.a.	n.a.	n.a.	89	97	222	222	251	333	144	148	109	112
Operational leasing.....	384	484	544	671	801	796	854	834	925	978	1,482	2,012	2,367	2,670	2,714
Personnel supply services.....	(^c)	38	(^c)	2	1	160	127	113	85	95	99	92	89	87	85
Research, development, and testing services.....	282	177	231	375	384	602	611	464	522	638	681	893	867	992	988
Sports and performing arts.....	32	11	(^c)	43	47	71	43	77	86	116	149	149	99	131	129
Training services.....	73	60	54	109	138	345	320	319	388	421	388	447	396	391	389
Other business, professional and technical services ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	246	308	244	221	219
Other unaffiliated services ²	4,821	4,769	4,558	5,378	6,369	6,693	7,625	8,220	8,845	9,465	9,874	10,821	12,284	13,120	14,331

See footnotes at end of table.

Table 1.—Private Services Trade by Type, 1986–2000—Continued

[Millions of dollars]

	Imports														
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Total private services	64,731	73,945	81,002	85,295	98,210	99,934	100,379	107,940	119,101	128,781	137,102	151,791	167,376	173,049	200,585
Travel	25,913	29,310	32,114	33,416	37,349	35,322	38,552	40,713	43,782	44,916	48,078	52,051	56,509	58,865	64,537
Overseas.....	20,311	23,313	25,260	25,746	28,929	26,506	29,838	31,859	34,534	35,281	37,436	40,667	44,395	46,925	51,524
Canada.....	3,034	2,939	3,232	3,394	3,541	3,705	3,554	3,692	3,914	4,319	4,670	4,904	5,718	6,135	6,367
Mexico.....	2,568	3,058	3,622	4,276	4,879	5,111	5,160	5,162	5,334	5,316	5,972	6,480	6,396	5,805	6,646
Passenger fares	6,505	7,283	7,729	8,249	10,531	10,012	10,603	11,410	13,062	14,663	15,809	18,138	19,971	21,315	24,197
Other transportation	17,766	19,010	20,891	22,172	24,966	24,975	23,767	24,524	26,019	27,034	27,403	28,959	30,363	34,139	41,058
Freight.....	12,512	12,618	13,792	13,997	15,046	14,554	13,571	14,518	16,006	16,455	16,539	17,654	19,412	22,218	26,979
Port services.....	5,254	6,392	7,099	8,176	9,920	10,421	10,197	10,005	10,013	10,579	10,864	11,305	10,950	11,925	14,083
Royalties and license fees	1,401	1,857	2,601	2,528	3,135	4,035	5,161	5,032	5,852	6,919	7,837	9,161	11,235	12,613	16,106
Affiliated.....	916	1,309	1,426	1,704	2,206	2,955	3,396	3,386	3,933	5,256	5,406	6,749	8,547	9,791	12,170
U.S. parents' transactions.....	118	168	141	71	239	166	189	234	420	583	761	1,379	1,782	1,956	2,184
U.S. affiliates' transactions.....	799	1,142	1,285	1,632	1,967	2,789	3,207	3,152	3,513	4,673	4,645	5,370	6,765	7,835	9,986
Unaffiliated.....	484	547	1,175	824	929	1,080	1,766	1,646	1,919	1,663	2,431	2,412	2,688	2,822	3,936
Industrial processes.....	n.a.	435	488	568	666	796	818	1,054	1,034	948	1,319	1,417	1,319	1,699	1,852
Other.....	n.a.	112	689	256	265	283	948	592	884	714	1,112	995	1,368	1,125	2,084
Other private services	13,146	16,485	17,667	18,930	22,229	25,590	22,296	26,261	30,386	35,249	37,975	43,482	49,298	46,117	54,687
Affiliated services.....	3,915	5,356	6,043	7,911	9,117	9,732	9,640	10,677	12,451	13,634	15,548	17,625	19,437	22,588	25,300
U.S. parents' transactions.....	2,391	3,050	3,461	4,783	5,334	5,260	5,355	5,721	6,538	6,861	7,084	9,012	10,415	12,076	12,980
U.S. affiliates' transactions.....	1,524	2,307	2,582	3,128	3,784	4,472	4,285	4,956	5,913	6,773	8,464	8,613	9,022	10,512	12,320
Unaffiliated services.....	9,231	11,129	11,624	11,019	13,111	15,859	12,656	15,585	17,935	21,615	22,427	25,857	29,861	23,529	29,387
Education.....	433	452	539	586	658	698	767	857	972	1,125	1,253	1,396	1,587	1,829	2,140
Financial services.....	1,769	2,077	1,656	2,056	2,475	2,669	986	1,371	1,654	2,472	2,907	3,347	3,590	3,404	4,482
Insurance, net.....	2,200	3,241	2,628	823	1,910	2,467	1,324	3,095	4,034	5,360	3,885	5,873	9,240	3,206	9,189
Premiums.....	7,217	8,538	8,954	9,909	10,222	11,207	11,738	12,093	14,075	15,284	14,522	15,211	20,398	21,568	27,923
Losses.....	5,017	5,297	6,326	9,086	8,312	8,740	10,414	8,998	10,041	9,925	10,637	9,338	11,158	18,362	18,734
Telecommunications.....	3,253	3,736	4,576	5,172	5,583	6,608	6,052	6,365	6,928	7,305	8,290	8,346	7,682	6,605	5,360
Business, professional, and technical services.....	1,303	1,367	1,926	2,059	2,093	3,015	3,102	3,504	3,869	4,822	5,547	6,407	7,303	8,061	7,776
Accounting, auditing, and bookkeeping services.....	29	37	31	22	57	89	104	103	130	170	218	279	403	641	598
Advertising.....	77	128	188	228	243	301	450	646	728	833	971	773	912	879	804
Agricultural services.....	5	7	4	2	(*)	22	21	18	14	17	11	9	9	6	6
Computer and data processing services.....	32	74	107	46	44	116	71	101	83	126	276	636	828	888	837
Construction, engineering, architectural, and mining services.....	301	163	307	443	170	315	261	319	280	345	465	463	554	505	422
Data base and other information services.....	23	25	39	31	54	51	72	110	141	160	146	128	152	171	203
Industrial engineering.....	75	103	133	53	74	30	112	142	100	160	197	211	206	225	296
Installation, maintenance, and repair of equipment.....	467	496	616	704	714	538	191	175	164	160	239	307	242	306	423
Legal services.....	40	56	98	81	111	244	311	321	383	469	615	539	655	736	839
Mailing, reproduction, and commercial art.....	12	9	9	8	8	38	37	33	17	22	42	30	30	32	25
Management of health care facilities.....	(*)	0	2	(*)	(*)	13	13	11	12	16	8	10	10	10	3
Management, consulting, and public relations services.....	60	67	73	143	135	271	243	287	321	465	497	687	872	868	708
Medical services.....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Miscellaneous disbursements.....	n.a.	n.a.	n.a.	n.a.	n.a.	342	395	371	538	843	750	1075	1136	1360	1083
Operational leasing.....	50	48	78	88	202	229	337	356	401	407	325	189	175	173	168
Personnel supply services.....	25	7	10	10	5	15	14	13	3	4	28	18	18	19	21
Research, development, and testing services.....	76	114	182	133	210	241	225	239	294	364	379	564	637	746	851
Sports and performing arts.....	21	25	40	54	48	84	145	156	122	120	200	260	228	237	176
Training services.....	7	9	10	13	17	77	101	101	137	145	140	153	168	161	209
Other business, professional and technical services ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	40	75	70	99
Other unaffiliated services ²	272	255	298	323	392	402	425	394	477	532	546	487	460	425	440

n.a. Not available

* Less than \$500,000.

† Suppressed to avoid disclosure of data of individual companies.

1. Other business, professional, and technical services consists of language translation services, security services, collection services, actuarial services, salvage services, satellite photography services, oil spill and

toxic waste cleanup services, and merchanting services.

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

Table 2.—Private Services Trade by Area and Country, 1986–2000

[Millions of dollars]

	Exports														
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
All countries	77,545	87,030	100,971	117,935	137,232	152,437	163,688	171,588	187,357	203,768	222,633	238,984	243,902	255,995	278,570
Canada	8,465	9,371	10,703	13,323	15,684	17,750	17,380	16,971	17,216	17,927	19,492	20,484	19,123	21,215	23,206
Europe	24,896	30,259	35,754	41,593	48,192	53,570	60,182	62,138	67,473	73,092	81,274	86,443	93,917	97,515	103,501
Belgium-Luxembourg.....	1,027	1,025	1,209	1,475	1,763	1,946	2,308	2,207	2,782	2,843	2,882	2,860	2,981	3,417	3,520
France.....	2,912	3,648	3,885	4,642	5,542	6,168	6,998	6,816	6,694	7,965	8,862	9,358	9,573	9,711	10,300
Germany ¹	4,001	5,196	5,881	6,134	7,364	8,825	10,867	11,346	11,573	12,692	13,370	13,978	14,889	15,942	15,993
Italy.....	1,852	2,143	2,452	2,676	3,279	3,680	4,496	4,080	4,264	4,533	4,858	4,991	5,596	5,145	5,392
Netherlands.....	1,938	2,106	2,456	2,579	3,269	3,576	3,747	4,109	5,476	6,119	7,012	7,303	6,600	6,717	6,855
Norway.....							1,118	1,241	1,157	1,210	1,401	1,395	1,410	1,315	1,325
Spain.....							2,443	2,246	2,678	2,991	3,098	3,432	3,512	3,820	3,622
Sweden.....							1,756	1,728	1,747	1,890	2,474	2,382	2,572	2,277	2,651
Switzerland.....							2,894	2,922	3,695	3,843	4,294	4,325	4,948	4,686	5,596
United Kingdom.....	6,502	8,389	10,105	12,448	12,989	14,091	15,726	17,163	17,848	18,625	20,204	23,845	26,442	27,843	30,093
Other.....							7,834	8,276	9,558	10,381	12,819	12,580	15,393	16,643	18,152
Latin America and Other Western Hemisphere	14,206	14,398	15,669	17,842	21,957	24,842	26,722	29,126	32,740	32,872	35,736	42,398	46,707	48,766	54,110
South and Central America.....	11,472	11,744	13,027	15,142	18,447	21,174	23,228	25,219	27,931	27,639	29,826	34,981	38,089	38,773	42,517
Argentina.....							1,797	2,147	2,482	2,403	2,759	3,339	3,582	3,634	3,598
Brazil.....							2,499	2,949	3,737	4,997	5,205	6,405	6,616	5,521	5,967
Chile.....							620	777	1,156	991	1,189	1,424	1,334	1,457	1,567
Mexico.....	4,531	4,445	4,911	4,822	8,590	9,666	10,492	10,440	11,344	8,705	9,442	10,799	11,628	12,462	14,013
Venezuela.....	937	829	914	1,027	1,273	1,563	1,993	2,428	2,145	2,496	2,409	2,682	3,063	3,212	3,495
Other.....							5,832	6,480	7,070	8,049	8,820	10,337	11,871	12,488	13,883
Other Western Hemisphere.....	2,740	2,652	2,642	2,699	3,509	3,667	3,494	3,904	4,809	5,234	5,910	7,416	8,617	9,992	11,593
Bermuda.....							414	533	755	606	849	889	1,052	1,168	1,775
Other.....							3,077	3,371	4,056	4,628	5,062	6,529	7,566	8,824	9,817
Africa, Middle East, and Asia and Pacific	25,602	28,258	33,335	39,327	45,321	51,167	54,855	58,604	64,937	74,508	80,154	83,970	77,996	82,517	91,615
Africa.....							2,234	2,328	2,579	2,869	3,036	3,481	4,110	4,609	5,382
South Africa.....							465	494	625	801	843	1,004	1,068	1,293	1,348
Other.....							1,771	1,835	1,954	2,069	2,195	2,478	3,044	3,316	4,032
Middle East.....							3,965	4,147	5,052	5,796	6,681	6,844	7,443	7,575	7,559
Israel.....							896	1,106	1,484	1,637	1,899	1,918	2,047	2,203	2,318
Saudi Arabia.....							1,356	1,239	1,864	2,084	1,689	1,911	1,976	2,335	2,371
Other.....							1,713	1,802	1,702	2,074	3,095	3,012	3,419	3,037	2,869
Asia and Pacific.....							48,656	52,130	57,306	65,843	70,437	73,645	66,442	70,334	78,675
Australia.....	1,593	1,842	2,311	2,825	3,260	3,214	3,459	3,558	3,791	4,266	4,510	4,899	4,794	5,041	5,413
China.....							1,568	1,919	2,049	2,531	3,164	3,594	3,965	3,883	4,586
Hong Kong.....							2,259	2,365	2,804	2,998	3,338	3,627	3,466	3,469	3,764
India.....							1,094	1,138	1,226	1,320	1,496	1,593	1,875	2,003	2,527
Indonesia.....							775	893	874	1,157	1,415	1,784	1,469	1,447	1,441
Japan.....	10,273	12,376	14,827	18,363	21,159	23,981	25,554	26,794	28,952	33,240	33,535	33,926	29,822	30,718	34,241
Korea, Republic of.....							3,375	3,638	4,599	5,693	7,435	7,108	4,759	5,427	6,940
Malaysia.....							601	680	892	1,032	1,278	1,257	1,046	1,093	1,132
New Zealand.....							761	794	835	996	1,177	1,251	1,233	1,183	1,252
Philippines.....							968	1,247	1,187	1,059	1,237	1,500	1,317	1,604	1,687
Singapore.....							2,155	2,414	2,646	3,148	3,854	4,099	3,819	4,504	4,803
Taiwan.....							3,173	3,466	4,168	4,429	4,048	4,743	3,997	4,838	4,712
Thailand.....							750	1,016	1,020	1,188	1,216	1,243	1,160	1,078	1,156
Other.....							2,160	2,205	2,267	2,786	2,734	3,019	3,723	4,044	5,016
International organizations and unallocated	4,376	4,745	5,510	5,850	6,077	5,109	4,548	4,750	4,990	5,365	5,971	5,687	6,155	5,978	6,140
Addenda:															
European Union ²	20,752	25,259	29,447	34,307	39,149	44,150	51,140	52,374	56,013	63,938	70,372	75,265	81,860	85,530	90,013
Eastern Europe ³	283	298	403	686	956	1,140	1,163	1,673	2,183	2,580	3,283	3,392	3,704	3,623	3,809

See footnotes at end of table.

Table 2.—Private Services Trade by Area and Country, 1986–2000—Continued

[Millions of dollars]

	Imports														
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
All countries	64,731	73,945	81,002	85,295	98,210	99,934	100,379	107,940	119,101	128,781	137,102	151,791	167,376	173,049	200,585
Canada	6,311	6,854	8,350	8,640	9,130	9,716	8,688	9,223	10,132	11,160	12,451	13,923	15,397	15,462	16,313
Europe	24,132	28,313	30,866	33,010	39,815	39,262	39,718	44,417	48,996	52,708	53,856	61,517	70,634	71,438	86,662
Belgium-Luxembourg.....	604	556	622	813	1,022	958	1,028	1,048	1,245	1,480	1,498	1,716	1,928	2,097	2,278
France	2,264	2,679	2,931	3,517	4,169	3,927	4,581	4,958	5,749	5,951	6,023	6,757	7,536	7,944	10,472
Germany ¹	3,982	5,198	5,540	6,048	6,819	6,438	6,376	6,806	7,280	7,586	7,705	7,934	9,783	9,782	11,402
Italy	2,258	2,509	2,870	2,863	3,469	3,299	3,177	3,142	3,433	3,743	3,492	3,681	4,058	4,625	5,168
Netherlands	1,032	1,305	1,317	1,609	1,935	2,157	2,479	2,211	2,613	3,191	3,157	3,461	4,332	3,867	5,234
Norway							1,034	1,414	1,184	1,162	1,281	1,281	784	867	757
Spain							1,271	1,081	1,140	1,109	1,304	1,457	1,880	2,137	2,611
Sweden							779	942	857	844	884	854	847	1,067	1,355
Switzerland.....							1,710	1,945	2,317	2,285	2,636	2,765	3,766	3,763	5,367
United Kingdom	7,542	8,918	9,411	9,795	11,564	12,111	10,538	13,634	14,692	16,063	16,186	21,363	23,282	23,664	26,913
Other							6,746	7,237	8,486	9,293	9,690	10,249	12,437	11,628	15,100
Latin America and Other Western Hemisphere	13,010	14,964	15,648	16,840	18,643	19,602	20,127	20,588	22,783	24,252	26,954	29,813	32,469	32,041	37,383
South and Central America.....	7,522	9,074	10,241	11,180	12,737	13,254	13,439	13,582	14,850	15,500	17,711	19,156	19,723	20,211	22,090
Argentina							449	464	572	572	779	864	855	879	934
Brazil							679	734	904	1,165	1,421	1,764	1,959	1,665	1,906
Chile							332	362	415	427	519	537	569	810	862
Mexico	3,681	4,506	5,068	5,976	6,731	7,056	7,269	7,410	7,849	7,930	8,918	9,830	9,816	9,405	10,986
Venezuela	480	526	619	487	659	584	633	714	761	701	767	705	736	657	590
Other							4,077	3,899	4,352	4,708	5,308	5,452	5,787	6,791	6,814
Other Western Hemisphere	5,488	5,892	5,407	5,659	5,905	6,348	6,690	7,005	7,933	8,750	9,244	10,656	12,745	11,830	15,293
Bermuda							1,522	1,278	1,832	2,713	2,867	3,632	4,850	4,755	7,408
Other							5,167	5,727	6,100	6,036	6,377	7,023	7,893	7,075	7,886
Africa, Middle East, and Asia and Pacific	19,371	21,999	23,617	24,232	27,976	29,285	29,120	31,789	35,300	38,542	41,580	44,633	46,524	52,327	57,361
Africa							1,472	1,527	1,911	1,947	2,380	2,550	2,532	2,607	2,736
South Africa							199	228	294	398	543	726	857	833	799
Other							1,276	1,298	1,616	1,548	1,837	1,827	1,676	1,774	1,937
Middle East							2,053	2,172	2,240	2,663	3,152	3,224	3,673	3,875	3,320
Israel							1,016	1,068	1,192	1,171	1,369	1,505	1,431	1,635	1,576
Saudi Arabia							337	339	307	559	437	576	857	872	727
Other							698	764	740	936	1,346	1,142	1,383	1,365	1,014
Asia and Pacific							25,595	28,090	31,148	33,933	36,048	38,860	40,319	45,845	51,305
Australia	1,163	1,495	1,644	1,748	2,290	2,386	2,215	2,163	1,929	2,142	2,573	2,675	3,311	3,129	3,263
China							1,044	1,303	1,459	1,674	1,936	2,205	2,294	2,743	2,847
Hong Kong							1,420	1,336	1,881	1,901	2,920	3,038	3,242	3,837	4,108
India							636	687	760	851	1,093	1,223	1,541	1,491	1,832
Indonesia							440	428	438	443	550	547	304	370	401
Japan	6,662	7,527	8,396	8,927	10,529	11,772	10,607	11,785	12,584	13,463	12,907	13,566	13,360	15,672	17,249
Korea, Republic of							2,041	2,343	2,796	3,581	4,124	4,540	4,152	4,288	4,188
Malaysia							265	299	355	451	456	532	371	337	363
New Zealand							525	538	567	601	661	695	941	1,101	1,218
Philippines							785	851	1,036	1,121	1,361	1,456	1,247	1,160	1,517
Singapore							684	938	1,155	1,232	1,817	2,094	1,854	2,198	2,212
Taiwan							1,978	2,381	2,649	2,856	2,702	3,362	2,901	3,459	3,676
Thailand							389	377	475	677	802	758	792	916	917
Other							2,569	2,659	3,062	2,944	2,148	2,165	4,002	5,144	7,502
International organizations and unallocated	1,907	1,815	2,521	2,573	2,646	2,069	2,726	1,926	1,889	2,119	2,266	1,902	2,356	1,781	2,866
Addenda:															
European Union ²	20,412	23,961	25,813	28,057	33,394	32,924	32,960	36,680	40,238	45,301	45,486	52,846	60,555	61,944	74,693
Eastern Europe ³	345	477	508	582	797	1,052	1,596	1,513	1,965	2,171	2,346	2,147	2,554	2,366	2,392

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

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

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

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

Table 3.1.—Travel, Passenger Fares, and Other Transportation, 1997
[Millions of dollars]

	Receipts												Payments											
	Travel	Pas- senger fares	Other transportation										Travel	Pas- senger fares	Other transportation									
			Total	Freight				Port services				Total			Freight				Port services					
				Total	Ocean	Air	Other	Total	Ocean	Air	Other				Total	Ocean	Air	Other	Total	Ocean	Air	Other		
All countries	73,426	20,868	27,006	11,789	4,575	4,608	2,610	15,217	7,659	7,404	154	52,051	18,138	28,959	17,654	11,904	3,543	2,207	11,305	2,187	9,034	84		
Canada	6,945	1,361	2,414	1,905	54	69	1,782	509	68	287	154	4,904	470	3,037	2,415	131	80	2,204	622	165	373	84		
Europe	23,314	6,822	8,224	3,003	1,455	1,443	105	5,221	2,901	2,320	.....	17,866	9,081	10,566	6,340	5,031	1,309	.....	4,226	660	3,566	.....	
Belgium-Luxembourg.....	514	294	355	304	226	72	6	51	24	27	.....	236	221	454	132	58	74	.....	322	111	211	.....	
France	2,496	932	580	266	54	205	7	314	23	291	.....	2,751	611	687	226	66	160	.....	461	46	415	.....	
Germany.....	4,146	1,370	964	411	156	240	15	553	460	93	.....	1,984	1,225	1,748	924	639	285	.....	824	107	717	.....	
Italy	1,647	613	349	126	51	70	5	223	102	121	.....	2,109	441	468	337	271	66	.....	131	25	106	.....	
Netherlands.....	972	188	766	386	253	99	34	380	61	319	.....	670	865	708	283	123	160	.....	425	118	307	.....	
Norway.....	405	.....	360	21	14	7	.....	339	339	.....	.....	235	36	881	876	.....	.....	.....	5	5	.....	.....
Spain.....	964	339	182	98	52	46	.....	84	.....	84	.....	832	136	105	41	2	39	.....	64	20	44	.....	
Sweden.....	665	183	300	59	23	36	.....	241	135	106	.....	171	49	253	244	204	40	.....	9	9	.....	.....
Switzerland.....	1,124	219	228	64	18	46	.....	164	.....	164	.....	655	590	138	111	.....	111	.....	27	.....	27	.....	
United Kingdom.....	7,102	2,199	1,726	688	182	494	12	1,038	312	726	.....	4,703	3,212	2,205	786	474	312	.....	1,419	111	1,308	.....	
Other.....	3,279	485	2,414	580	426	128	26	1,834	1,445	389	.....	3,520	1,695	2,919	2,380	2,318	62	.....	539	108	431	.....	
Latin America and Other Western Hemisphere	18,123	4,713	3,657	2,041	725	1,013	307	1,616	347	1,269	.....	15,375	2,781	2,464	761	591	167	3	1,703	566	1,137	.....	
South and Central America.....	15,453	4,162	3,103	1,817	591	960	269	1,286	233	1,053	.....	11,038	2,209	1,747	479	317	159	3	1,268	450	818	.....	
Argentina.....	1,536	634	202	113	49	64	.....	89	2	87	.....	443	143	28	10	3	7	.....	18	18	.....	.....
Brazil.....	3,021	841	623	330	111	219	.....	293	10	283	.....	615	462	121	58	11	47	.....	63	43	20	.....	
Chile.....	549	193	196	62	35	27	.....	134	50	84	.....	232	92	117	105	56	49	.....	12	12	.....	.....
Mexico.....	3,438	859	567	239	96	95	48	328	75	253	.....	6,480	777	800	118	104	11	3	682	123	559	.....	
Venezuela.....	1,440	291	201	165	64	93	8	36	20	16	.....	281	104	182	51	51	.....	.....	131	126	5	.....	
Other.....	5,469	1,344	1,314	908	236	462	213	406	76	330	.....	2,987	631	499	137	92	45	.....	362	128	234	.....	
Other Western Hemisphere.....	2,670	551	554	224	134	53	38	330	114	216	.....	4,337	572	717	282	274	8	.....	435	116	319	.....	
Bermuda.....	16	7	4	4	.....	4	.....	.....	.....	.....	.....	411	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other.....	2,654	544	550	220	134	49	38	330	114	216	.....	3,926	572	717	282	274	8	.....	435	116	319	.....	
Africa	1,054	65	389	190	152	29	9	199	44	155	.....	1,269	435	147	53	41	12	.....	94	75	19	.....	
South Africa.....	370	.....	132	16	4	3	9	116	6	110	.....	272	239	29	22	14	8	.....	7	2	5	.....	
Other.....	684	65	257	174	148	26	.....	83	38	45	.....	997	196	118	31	27	4	.....	87	73	14	.....	
Middle East	2,316	509	1,023	507	430	77	.....	516	157	359	.....	1,164	399	599	347	228	119	.....	252	82	170	.....	
Israel.....	822	290	287	162	162	.....	.....	125	.....	125	.....	493	253	283	80	.....	80	.....	203	57	146	.....	
Saudi Arabia.....	558	11	125	87	57	30	.....	38	.....	38	.....	270	75	51	23	.....	23	.....	28	12	16	.....	
Other.....	936	208	611	258	211	47	.....	353	157	196	.....	401	71	265	244	228	16	.....	21	13	8	.....	
Asia and Pacific	21,674	7,398	10,750	4,129	1,745	1,977	407	6,621	3,607	3,014	.....	11,473	4,972	11,053	6,645	4,789	1,856	.....	4,408	639	3,769	.....	
Australia.....	1,839	621	307	168	4	119	45	139	23	116	.....	997	546	230	63	36	27	.....	167	1	166	.....	
China.....	1,101	142	565	209	120	89	.....	356	173	183	.....	918	149	636	516	253	263	.....	120	5	115	.....	
Hong Kong.....	741	471	509	432	157	275	.....	77	75	2	.....	948	421	587	165	162	3	.....	422	51	371	.....	
India.....	634	50	167	140	128	12	.....	27	5	22	.....	602	135	65	22	14	8	.....	43	43	.....	.....
Indonesia.....	392	24	91	50	35	15	.....	41	3	38	.....	296	66	22	14	8	6	.....	8	8	.....	.....
Japan.....	11,068	5,442	3,230	1,290	470	725	95	1,940	1,113	827	.....	3,036	757	4,182	2,045	1,467	578	.....	2,137	165	1,972	.....	
Korea.....	2,056	132	2,040	340	231	109	.....	1,700	809	891	.....	1,207	1,083	1,762	1,502	945	557	.....	260	114	146	.....	
Malaysia.....	268	.....	162	126	25	101	.....	36	3	33	.....	228	75	24	20	7	13	.....	4	4	0	.....	
New Zealand.....	616	108	178	25	.....	11	14	153	.....	153	.....	254	217	80	23	.....	23	.....	57	1	56	.....	
Philippines.....	585	84	253	136	61	75	.....	117	23	94	.....	736	268	128	59	36	23	.....	69	8	61	.....	
Singapore.....	383	77	684	272	57	215	.....	412	264	148	.....	559	249	811	654	519	135	.....	157	10	147	.....	
Taiwan.....	1,287	114	1,491	268	101	167	.....	1,223	1,076	147	.....	780	678	1,528	1,368	1,203	165	.....	160	50	110	.....	
Thailand.....	349	15	142	96	36	60	.....	46	4	42	.....	392	111	52	25	8	17	.....	27	5	22	.....	
Other.....	355	118	931	577	320	4	253	354	36	318	.....	520	217	946	169	131	38	.....	777	174	603	.....	
International organizations and unallocated.....	.....	.....	549	14	14	.....	.....	535	535	.....	.....	.....	1,093	1,093	1,093	.....	.....	.....	.....	.....	.....	.....
Addenda:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
European Union ¹	20,273	6,431	6,487	2,571	1,132	1,350	89	3,916	1,873	2,043	.....	15,118	7,956	8,144	4,238	3,063	1,175	.....	3,906	574	3,332	.....	
Eastern Europe ²	1,249	144	434	291	249	32	.....	143	73	70	.....	946	317	279	178	167	11	.....	101	58	43	.....	

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 3.2.—Travel, Passenger Fares, and Other Transportation, 1998
[Millions of dollars]

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

1. See table 2, footnote 2.
2. See table 2, footnote 3.

Table 3.3.—Travel, Passenger Fares, and Other Transportation, 1999
[Millions of dollars]

	Receipts											Payments										
	Travel	Pas- senger fares	Other transportation									Travel	Pas- senger fares	Other transportation								
			Total	Freight				Port services						Total	Freight				Port services			
				Total	Ocean	Air	Other	Total	Ocean	Air	Other				Total	Ocean	Air	Other	Total	Ocean	Air	Other
All countries	74,731	19,785	26,916	11,560	3,940	5,043	2,578	15,356	7,863	7,325	167	58,865	21,315	34,139	22,218	15,728	4,137	2,351	11,925	1,973	9,852	98
Canada	6,670	1,540	2,484	1,976	64	76	1,836	508	65	276	167	6,135	712	3,226	2,512	103	62	2,347	714	170	446	98
Europe	25,971	7,092	8,405	3,094	1,304	1,698	92	5,311	2,370	2,941	.....	21,066	11,023	11,410	6,746	5,133	1,613	.....	4,664	601	4,063	.....
Belgium-Luxembourg.....	562	232	470	293	205	83	5	177	38	139	.....	409	272	522	174	74	100	.....	348	90	258	.....
France	2,330	1,002	582	299	51	242	6	283	22	261	.....	3,121	791	765	243	85	158	.....	522	37	485	.....
Germany.....	4,398	1,287	1,484	393	132	248	13	1,091	487	604	.....	2,224	1,688	1,786	1,116	815	301	.....	670	96	574	.....
Italy	1,691	517	337	125	42	79	4	212	55	157	.....	2,819	496	535	421	345	76	.....	114	12	102	.....
Netherlands.....	1,216	352	694	442	279	133	30	252	62	190	.....	791	753	837	333	157	176	.....	504	131	373	.....
Norway.....	439	82	193	21	9	12	.....	172	172	.....	193	39	367	361	361	.....	.....	.....	6	6	.....	.....
Spain.....	1,043	310	245	134	74	60	.....	111	2	109	.....	1,134	288	124	37	7	30	.....	87	25	62	.....
Sweden.....	674	259	199	63	25	38	.....	136	53	83	.....	215	91	192	184	138	46	.....	8	8	.....	.....
Switzerland.....	1,252	169	266	61	.....	61	.....	205	45	160	.....	783	830	294	269	102	167	.....	25	.....	25	.....
United Kingdom.....	8,398	2,535	1,781	795	177	608	10	986	121	865	.....	5,502	3,832	2,507	743	304	439	.....	1,764	84	1,680	.....
Other.....	3,968	347	2,154	468	310	134	24	1,686	1,313	373	.....	3,875	1,943	3,481	2,865	2,745	120	.....	616	112	504	.....
Latin America and Other Western Hemisphere	19,801	5,466	3,411	1,830	450	1,100	280	1,581	341	1,240	.....	16,650	3,038	2,607	762	582	176	4	1,845	285	1,560	.....
South and Central America.....	16,750	4,671	2,935	1,658	383	1,030	245	1,277	220	1,057	.....	12,034	2,324	2,096	600	429	167	4	1,496	244	1,252	.....
Argentina.....	1,457	655	151	77	12	65	.....	74	.....	74	.....	434	134	31	15	1	14	.....	16	2	14	.....
Brazil.....	2,034	837	480	240	18	222	.....	240	13	227	.....	749	337	111	49	25	24	.....	62	6	56	.....
Chile.....	540	159	210	56	22	34	.....	154	35	119	.....	402	92	154	112	59	53	.....	42	17	25	.....
Mexico.....	4,114	961	690	321	51	213	57	369	109	260	.....	5,805	957	1,070	151	140	7	4	919	50	869	.....
Venezuela.....	1,697	275	159	116	25	82	9	43	26	17	.....	270	106	105	46	46	.....	59	47	12	.....
Other.....	6,908	1,784	1,245	848	255	414	179	397	37	360	.....	4,374	698	625	227	158	69	.....	398	122	276	.....
Other Western Hemisphere.....	3,051	795	476	172	67	70	35	304	121	183	.....	4,616	714	511	162	153	9	.....	349	41	308	.....
Bermuda.....	17	5	5	.....	.....	5	.....	.....	.....	.....	.....	419	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other.....	3,034	786	471	167	67	65	35	304	121	183	.....	4,197	714	511	162	153	9	.....	349	41	308	.....
Africa	1,317	51	419	191	143	29	19	228	52	176	.....	1,150	487	216	112	98	14	.....	104	91	13	.....
South Africa.....	386	9	98	22	8	6	8	76	21	55	.....	250	305	64	54	45	9	.....	10	4	6	.....
Other.....	931	42	321	169	135	23	11	152	31	121	.....	900	182	152	58	53	5	.....	94	87	7	.....
Middle East	2,144	397	1,093	576	473	103	.....	517	174	343	.....	1,564	466	634	477	352	125	.....	157	92	65	.....
Israel.....	866	281	398	275	224	51	.....	123	.....	123	.....	556	361	203	77	.....	77	.....	126	72	54	.....
Saudi Arabia.....	583	3	131	85	72	13	.....	46	.....	46	.....	519	72	31	20	.....	20	.....	11	8	3	.....
Other.....	695	113	564	216	177	39	.....	348	174	174	.....	489	33	400	380	352	28	.....	20	12	8	.....
Asia and Pacific	18,828	5,239	10,538	3,884	1,496	2,037	351	6,654	4,305	2,349	.....	12,300	5,589	14,899	10,460	8,313	2,147	.....	4,439	734	3,705	.....
Australia.....	1,735	520	351	190	17	133	40	161	7	154	.....	1,294	633	197	45	16	29	.....	152	3	149	.....
China.....	777	170	627	211	118	93	.....	416	154	262	.....	1,037	156	1,008	728	386	342	.....	280	127	153	.....
Hong Kong.....	698	267	512	490	170	320	.....	22	21	1	.....	1,177	602	789	318	316	2	.....	471	94	377	.....
India.....	861	34	144	110	91	19	.....	34	3	31	.....	737	114	69	26	19	7	.....	43	33	10	.....
Indonesia.....	248	168	88	81	73	8	.....	7	.....	7	.....	205	.....	56	8	7	.....	48	48	.....	.....
Japan.....	9,711	3,585	3,082	1,133	355	693	85	1,949	1,184	765	.....	2,845	860	4,986	2,937	2,362	575	.....	2,049	151	1,898	.....
Korea.....	1,251	20	1,477	294	178	116	.....	1,183	754	429	.....	1,141	1,131	1,551	1,422	1,237	185	.....	129	90	39	.....
Malaysia.....	206	11	170	125	41	84	.....	45	9	36	.....	128	74	43	35	21	14	.....	8	8	.....	.....
New Zealand.....	542	90	187	20	0	8	12	167	.....	167	.....	516	400	72	22	.....	22	.....	50	1	49	.....
Philippines.....	579	103	225	129	56	73	.....	96	35	61	.....	536	228	151	76	54	22	.....	75	25	50	.....
Singapore.....	349	55	640	334	98	236	.....	306	121	185	.....	575	206	778	634	475	159	.....	144	27	117	.....
Taiwan.....	1,189	95	1,244	300	109	191	.....	944	778	166	.....	805	721	1,552	1,384	1,145	239	.....	168	31	137	.....
Thailand.....	260	35	118	64	19	45	.....	54	3	51	.....	492	105	152	102	10	92	.....	50	23	27	.....
Other.....	422	86	1,673	403	171	18	214	1,270	1,236	34	.....	812	359	3,495	2,723	2,265	458	.....	772	73	699	.....
International organizations and unallocated.....	.....	.....	566	10	10	.....	.....	556	556	.....	.....	.....	1,147	1,147	1,147	.....	.....	.....	.....	.....	.....	.....
Addenda:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
European Union ¹	22,369	6,700	7,053	2,763	1,083	1,600	80	4,290	1,643	2,647	.....	18,219	9,557	9,284	4,956	3,550	1,406	.....	4,328	506	3,822	.....
Eastern Europe ²	1,184	78	340	210	178	24	8	130	45	85	.....	1,157	365	229	119	100	19	.....	110	75	35	.....

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 3.4.—Travel, Passenger Fares, and Other Transportation, 2000
[Millions of dollars]

	Receipts												Payments											
	Travel	Pas- senger fares	Other transportation										Travel	Pas- senger fares	Other transportation									
			Total	Freight				Port services				Total			Freight				Port services					
				Total	Ocean	Air	Other	Total	Ocean	Air	Other				Total	Ocean	Air	Other	Total	Ocean	Air	Other		
All countries	82,042	20,745	30,185	13,236	4,741	5,771	2,723	16,950	8,661	8,121	168	64,537	24,197	41,058	26,979	19,656	4,739	2,582	14,083	2,084	11,892	105		
Canada	7,055	1,713	2,703	2,167	138	86	1,943	536	49	319	168	6,367	827	3,578	2,763	132	57	2,574	815	205	505	105		
Europe	27,834	6,986	9,682	3,456	1,425	1,935	96	6,226	2,916	3,310	.....	23,944	13,603	13,882	8,548	6,857	1,691	.....	5,334	648	4,686	.....	
Belgium-Luxembourg.....	506	188	504	339	234	100	5	165	48	117	.....	350	349	631	198	94	104	.....	433	102	331	.....	
France.....	2,637	1,016	637	350	54	289	7	287	28	259	.....	3,634	1,183	938	273	107	166	.....	665	41	624	.....	
Germany.....	4,035	1,090	1,906	454	144	297	13	1,452	612	840	.....	2,678	1,924	2,198	1,352	1,036	316	.....	846	109	737	.....	
Italy.....	1,590	485	354	143	44	95	4	211	69	142	.....	2,907	685	663	518	438	80	.....	145	13	132	.....	
Netherlands.....	1,288	404	764	499	308	160	31	265	77	188	.....	745	968	1,012	384	199	185	.....	628	148	480	.....	
Norway.....	387	22	193	21	9	12	.....	172	172	.....	149	37	374	361	361	.....	.....	.....	13	13	.....	.....
Spain.....	1,094	236	228	117	57	60	.....	111	2	109	.....	1,471	347	115	37	7	30	.....	78	16	62	.....	
Sweden.....	741	303	200	64	26	38	.....	136	53	83	.....	236	90	191	183	138	45	.....	8	8	.....	.....
Switzerland.....	1,176	173	266	61	.....	61	.....	205	45	160	.....	980	926	294	269	102	167	.....	25	.....	25	.....	
United Kingdom.....	9,957	2,751	1,914	863	170	681	12	1,051	151	900	.....	6,368	4,746	2,647	851	391	460	.....	1,796	96	1,700	.....	
Other.....	4,423	318	2,716	545	379	142	24	2,171	1,659	512	.....	4,426	2,348	4,819	4,122	3,984	138	.....	697	102	595	.....	
Latin America and Other Western Hemisphere	21,909	5,958	3,456	1,958	471	1,191	296	1,498	318	1,180	.....	17,977	3,046	3,232	974	777	189	8	2,258	248	2,010	.....	
South and Central America.....	18,782	5,119	2,964	1,738	366	1,112	260	1,226	243	983	.....	13,165	2,298	2,599	773	584	181	8	1,826	201	1,625	.....	
Argentina.....	1,411	665	150	76	11	65	.....	74	.....	74	.....	507	140	29	15	1	14	.....	14	0	14	.....	
Brazil.....	2,230	919	479	239	17	222	.....	240	13	227	.....	986	388	108	49	25	24	.....	59	3	56	.....	
Chile.....	576	167	202	48	14	34	.....	154	35	119	.....	426	91	145	112	59	53	.....	33	8	25	.....	
Mexico.....	4,937	1,027	701	338	48	230	60	363	121	242	.....	6,646	920	1,371	206	190	8	8	1,165	41	1,124	.....	
Venezuela.....	1,891	317	164	122	23	89	10	42	26	16	.....	249	70	126	69	62	7	.....	57	41	16	.....	
Other.....	7,737	2,024	1,268	915	253	472	190	353	48	305	.....	4,351	689	820	322	247	75	.....	498	108	390	.....	
Other Western Hemisphere	3,127	839	492	220	105	79	36	272	75	197	.....	4,812	748	633	201	193	8	.....	432	47	385	.....	
Bermuda.....	17	10	5	.....	.....	5	.....	.....	.....	.....	.....	430	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other.....	3,110	829	487	215	105	74	36	272	75	197	.....	4,382	748	633	201	193	8	.....	432	47	385	.....	
Africa	1,443	69	602	374	326	29	19	228	51	177	.....	1,359	453	248	112	98	14	.....	136	123	13	.....	
South Africa.....	429	11	129	17	5	4	8	112	18	94	.....	269	255	63	53	44	9	.....	10	5	5	.....	
Other.....	1,014	58	473	357	321	25	11	116	33	83	.....	1,090	198	185	59	54	5	.....	126	118	8	.....	
Middle East	2,235	352	1,148	631	528	103	.....	517	174	343	.....	1,327	364	652	477	352	125	.....	175	111	64	.....	
Israel.....	873	241	433	310	259	51	.....	123	.....	123	.....	592	263	201	77	.....	77	.....	124	71	53	.....	
Saudi Arabia.....	603	8	132	86	73	13	.....	46	.....	46	.....	470	67	37	20	.....	20	.....	17	14	3	.....	
Other.....	759	103	583	235	196	39	.....	348	174	174	.....	265	34	414	380	352	28	.....	34	26	8	.....	
Asia and Pacific	21,566	5,667	12,038	4,640	1,844	2,427	369	7,398	4,606	2,792	.....	13,563	5,904	17,947	12,584	9,921	2,663	.....	5,363	749	4,614	.....	
Australia.....	1,856	528	334	173	27	106	40	161	8	153	.....	1,465	619	244	50	21	29	.....	194	6	188	.....	
China.....	1,120	304	647	231	137	94	.....	416	154	262	.....	1,163	147	1,025	728	386	342	.....	297	144	153	.....	
Hong Kong.....	814	250	532	510	190	320	.....	22	21	1	.....	1,291	697	801	318	316	2	.....	483	106	377	.....	
India.....	1,112	35	180	146	127	19	.....	34	3	31	.....	850	112	80	26	19	7	.....	54	44	10	.....	
Indonesia.....	263	191	113	106	98	8	.....	7	7	.....	257	.....	54	8	7	1	.....	46	46	.....	.....	
Japan.....	10,238	3,773	3,508	1,370	430	852	88	2,138	1,276	862	.....	2,872	938	5,738	3,366	2,711	655	.....	2,372	154	2,218	.....	
Korea.....	2,216	64	1,548	365	249	116	.....	1,183	754	429	.....	1,067	1,130	1,549	1,422	1,237	185	.....	127	89	38	.....	
Malaysia.....	242	13	181	136	52	84	.....	45	9	36	.....	120	96	46	35	21	14	.....	11	11	.....	.....
New Zealand.....	559	113	189	22	.....	10	12	167	.....	167	.....	641	365	68	25	.....	25	.....	43	0	43	.....	
Philippines.....	739	93	259	163	90	73	.....	96	35	61	.....	792	358	156	76	54	22	.....	80	30	50	.....	
Singapore.....	417	94	634	328	92	236	.....	306	121	185	.....	669	192	781	635	475	160	.....	146	29	117	.....	
Taiwan.....	1,184	101	1,206	261	70	191	.....	945	778	167	.....	948	847	1,560	1,384	1,145	239	.....	176	39	137	.....	
Thailand.....	315	26	126	72	27	45	.....	54	3	51	.....	527	107	151	102	10	92	.....	49	22	27	.....	
Other.....	491	82	2,581	757	255	273	229	1,824	1,444	380	.....	901	296	5,694	4,409	3,519	890	.....	1,285	29	1,256	.....	
International organizations and unallocated.....	.....	.....	556	9	9	.....	.....	547	547	.....	.....	.....	.....	1,519	1,519	1,519	.....	.....	.....	.....	.....	.....
Addenda:	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
European Union ¹	24,136	6,656	8,055	3,068	1,149	1,835	84	4,987	2,036	2,951	.....	20,585	11,981	11,126	6,147	4,668	1,479	.....	4,979	558	4,421	.....	
Eastern Europe ²	1,336	89	342	195	166	21	8	147	59	88	.....	1,270	365	249	163	144	19	.....	86	48	38	.....	

1. See table 2, footnote 2.
2. See table 2, footnote 3.

Table 4.1.—Royalties and License Fees, 1997
[Millions of dollars]

	Receipts										Payments											
	Total	Affiliated			Unaffiliated							Total	Affiliated			Unaffiliated						
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ¹		Total	Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other^{2}
All countries	33,228	24,465	23,091	1,374	8,763	3,544	316	202	475	1,105	3,121	9,161	6,749	1,379	5,370	2,412	1,417	151	60	4	203	577
Canada	1,603	1,293	1,249	44	310	92	17	23	29	48	100	321	187	30	157	134	89	17	9	0	4	14
Europe	16,366	13,326	12,533	793	3,040	979	197	129	192	372	1,171	5,719	4,384	687	3,697	1,335	729	107	40	4	93	362
Belgium-Luxembourg.....	681	585	569	16	96	57	4	4	2	8	21	136	100	23	77	36	30	1	(*)	0	2	3
France	2,259	1,922	1,851	71	337	92	33	19	18	41	133	627	276	28	248	351	(D)	6	5	0	5	(D)
Germany.....	2,762	2,066	2,005	61	696	184	39	27	76	25	345	886	672	67	605	214	149	4	(*)	0	(D)	(D)
Italy	1,062	810	772	38	252	77	20	11	3	44	97	126	78	26	52	48	35	2	1	0	4	6
Netherlands.....	2,449	2,297	2,107	190	152	71	9	7	5	7	54	400	348	17	331	52	30	2	(*)	0	(D)	(D)
Norway.....	99	72	71	1	27	4	1	1	3	2	16	17	3	1	2	14	9	(*)	1	0	(*)	3
Spain.....	599	454	454	(*)	145	29	18	9	5	44	41	20	12	10	2	8	1	1	1	0	1	5
Sweden.....	402	(D)	215	(D)	(D)	115	5	4	4	8	(D)	146	(D)	6	(D)	(D)	61	1	(*)	0	6	(D)
Switzerland.....	683	562	467	95	121	76	5	3	2	5	29	779	676	73	603	103	86	2	8	0	2	5
United Kingdom.....	3,011	2,425	2,125	300	586	147	48	32	42	77	241	2,122	1,804	259	1,545	318	118	84	21	0	51	43
Other.....	2,358	(D)	1,898	(D)	(D)	126	16	12	31	110	(D)	460	(D)	176	(D)	(D)	(D)	3	2	4	(*)	(D)
Latin America and Other Western Hemisphere	2,117	1,708	1,644	64	409	81	24	18	44	110	131	(D)	(D)	(D)	96	71	50	(D)	2	0	1	(D)
South and Central America.....	1,757	1,370	1,306	64	387	81	23	16	31	108	129	162	115	28	87	47	28	(D)	1	0	1	(D)
Argentina.....	205	159	157	2	46	5	5	3	3	16	14	9	7	1	6	2	(*)	(*)	0	0	0	1
Brazil.....	494	360	355	5	134	17	11	6	3	38	59	10	1	1	(*)	9	4	(*)	(*)	0	(*)	5
Chile.....	48	27	26	1	21	6	1	(*)	3	8	4	1	0	0	0	0	0	(*)	0	0	0	1
Mexico.....	651	557	506	51	94	32	5	6	7	19	27	116	100	20	80	16	(D)	(D)	1	0	(*)	4
Venezuela.....	131	96	96	(*)	35	11	1	(*)	1	10	12	2	1	1	0	1	(D)	(*)	(*)	0	(*)	(*)
Other.....	230	172	166	6	58	11	1	1	14	18	13	23	5	4	1	18	(D)	(*)	0	0	1	(D)
Other Western Hemisphere.....	359	338	338	(*)	21	1	1	1	14	2	3	(D)	(D)	(D)	9	24	22	(*)	1	0	0	1
Bermuda.....	79	78	78	0	1	(*)	0	(*)	0	(*)	(D)	(D)	(D)	7	0	0	0	0	0	0	0	0
Other.....	281	260	260	(*)	21	(*)	1	1	14	2	2	49	25	23	2	24	22	(*)	1	0	0	1
Africa	232	121	121	0	111	15	4	2	12	22	56	18	5	5	0	13	5	1	4	0	0	3
South Africa.....	160	97	97	0	63	11	3	2	(D)	9	(D)	12	1	1	0	11	5	1	1	0	0	3
Other.....	72	24	24	0	48	4	1	(*)	(D)	12	(D)	7	4	4	0	3	0	(*)	3	0	0	0
Middle East	169	40	35	5	129	41	9	1	34	10	36	14	2	1	1	12	9	(*)	0	0	1	2
Israel.....	67	18	18	(*)	49	(D)	4	1	8	5	(D)	13	2	1	1	11	9	(*)	0	0	1	1
Saudi Arabia.....	52	13	13	(*)	39	17	5	0	9	2	5	1	0	(*)	0	1	0	0	0	0	(*)	1
Other.....	49	7	3	4	42	(D)	1	0	17	2	(D)	0	0	0	(*)	0	0	0	0	0	0	(*)
Asia and Pacific	10,949	6,753	6,354	399	4,196	2,299	49	28	148	516	1,156	(D)	(D)	(D)	1,195	655	530	15	5	0	26	79
Australia.....	685	520	516	4	165	32	9	7	15	25	77	88	(D)	9	(D)	9	4	2	0	0	2	(D)
China.....	250	165	164	1	85	52	1	1	5	6	20	(D)	1	1	0	(D)	(D)	(*)	0	0	(*)	1
Hong Kong.....	343	(D)	256	(D)	(D)	21	2	6	11	27	(D)	29	(D)	10	(D)	2	1	0	0	0	(*)	(D)
India.....	76	20	20	0	56	29	(*)	(*)	4	11	11	13	0	(*)	0	13	(D)	0	1	0	0	(D)
Indonesia.....	86	36	36	(*)	50	26	2	(*)	10	5	5	2	1	1	0	1	(*)	0	0	0	0	1
Japan.....	6,262	3,649	3,363	286	2,613	1,508	26	10	28	374	668	1,640	1,200	86	1,114	440	360	1	1	0	23	55
Korea.....	880	(D)	241	(D)	(D)	389	2	1	16	22	(D)	(D)	(D)	9	17	(D)	(*)	0	0	0	(*)	(D)
Malaysia.....	118	80	77	3	38	12	1	(*)	14	2	10	4	0	0	4	3	0	0	0	0	0	1
New Zealand.....	97	73	73	0	24	4	(*)	(*)	4	4	12	10	0	0	0	10	(*)	8	0	0	(*)	3
Philippines.....	102	69	68	1	33	7	3	1	6	14	2	2	0	(*)	0	2	(*)	2	0	0	(*)	1
Singapore.....	1,378	1,300	1,282	18	78	39	1	(*)	5	5	27	7	(D)	1	(D)	2	0	0	(*)	0	0	(D)
Taiwan.....	497	160	159	1	337	144	2	(*)	15	11	165	23	17	15	2	6	4	(*)	0	0	0	2
Thailand.....	160	96	96	0	64	36	1	1	11	4	13	9	5	5	0	4	3	0	0	0	0	(*)
Other.....	15	3	3	0	12	1	1	(*)	3	5	2	(D)	1	1	0	(D)	(D)	0	1	0	0	0
International organizations and unallocated	1,791	1,223	1,154	69	568	36	14	2	17	27	471	471	281	57	224	190	4	(D)	(*)	(*)	78	(D)
Addenda:																						
European Union ³	15,274	12,525	11,830	695	2,749	885	186	122	170	325	1,059	4,823	3,693	602	3,091	1,130	558	103	30	4	90	345
Eastern Europe ⁴	217	138	137	1	79	7	4	2	8	(D)	(D)	18	6	5	1	12	2	2	(*)	0	(*)	8

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts include \$2,682 million for the rights to distribute, use, and reproduce computer software.

2. Payments include \$476 million for the rights to distribute, use, and reproduce computer software.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 4.2.—Royalties and License Fees, 1998
[Millions of dollars]

	Receipts										Payments											
	Total	Affiliated			Unaffiliated							Total	Affiliated			Unaffiliated						
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ¹		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ²
All countries	35,626	26,313	24,362	1,951	9,314	3,500	334	242	506	1,042	3,689	11,235	8,547	1,782	6,765	2,688	1,319	163	436	4	187	578
Canada	1,657	1,328	1,287	41	329	82	19	(D)	41	47	(D)	420	297	25	272	123	82	17	9	(*)	6	9
Europe	18,935	15,358	14,064	1,294	3,577	1,170	195	173	230	298	1,510	6,838	5,402	958	4,444	1,435	705	124	(D)	4	(D)	449
Belgium-Luxembourg.....	682	558	553	6	124	72	3	3	3	9	33	160	127	25	102	33	29	1	(*)	0	2	2
France.....	2,194	1,812	1,785	27	382	142	26	31	15	16	153	804	351	18	332	453	(D)	6	(D)	0	5	(D)
Germany.....	3,218	2,318	2,114	204	900	243	41	68	80	23	445	1,282	1,074	24	1,049	208	124	3	(*)	0	5	76
Italy.....	1,059	803	779	24	256	53	20	12	20	35	116	80	57	17	40	23	18	1	(*)	0	1	3
Netherlands.....	1,701	1,552	1,425	127	149	59	9	6	6	4	64	767	(D)	(D)	357	(D)	33	3	(*)	0	(D)	(D)
Norway.....	124	85	83	1	40	3	2	1	5	2	26	13	6	1	4	7	6	(*)	0	0	1	1
Spain.....	556	416	416	0	139	27	13	10	5	46	38	15	9	7	2	6	3	2	(*)	0	1	1
Sweden.....	489	(D)	245	(D)	148	6	6	4	6	5	(D)	134	(D)	1	(D)	(D)	55	2	(*)	0	(D)	(D)
Switzerland.....	890	757	581	175	133	77	6	4	2	7	39	806	(D)	(D)	628	(D)	78	2	(D)	0	1	(D)
United Kingdom.....	3,595	2,960	2,311	648	635	154	48	21	48	44	320	2,167	1,792	234	1,558	374	146	102	36	0	53	38
Other.....	4,427	(D)	3,772	(D)	(D)	192	22	12	40	106	(D)	611	493	(D)	117	(D)	(D)	3	(*)	4	8	(D)
Latin America and Other Western Hemisphere	2,552	1,985	1,828	156	567	110	34	17	53	176	178	774	(D)	(D)	69	(D)	45	6	1	(*)	2	(D)
South and Central America.....	2,088	1,579	1,423	156	509	(D)	32	16	36	171	(D)	119	84	20	64	36	(D)	5	1	(*)	2	(D)
Argentina.....	252	(D)	176	(D)	(D)	7	6	4	3	27	(D)	10	9	2	7	(*)	1	0	(*)	0	0	(D)
Brazil.....	587	(D)	398	(D)	17	14	4	4	4	50	(D)	22	(*)	(*)	0	22	(D)	(*)	(*)	0	0	(D)
Chile.....	57	32	27	4	25	5	1	(*)	3	11	5	(*)	(*)	(*)	0	0	0	0	(*)	0	0	0
Mexico.....	770	625	548	77	145	40	7	8	9	42	39	66	57	10	47	10	2	3	1	(*)	3	3
Venezuela.....	147	101	99	2	46	12	1	(*)	2	13	17	8	7	4	2	1	1	1	(*)	0	0	0
Other.....	276	207	175	32	69	(D)	3	1	15	27	(D)	12	11	5	7	1	(*)	0	0	0	0	0
Other Western Hemisphere.....	463	406	405	(*)	57	(D)	2	(*)	16	4	(D)	655	(D)	(D)	5	(D)	(D)	1	0	0	0	0
Bermuda.....	(D)	105	105	(*)	(D)	0	0	0	(*)	1	(D)	622	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Other.....	(D)	300	300	(*)	(D)	1	2	(*)	16	3	(D)	32	(D)	21	(D)	(D)	(D)	1	0	0	0	0
Africa	311	210	185	25	102	17	5	1	12	24	43	3	3	3	0	1	(*)	(*)	0	0	0	0
South Africa.....	186	(D)	98	(D)	14	4	1	5	(D)	39	2	3	1	1	0	(*)	(*)	0	0	0	0	0
Other.....	125	(D)	87	(D)	(D)	3	1	(*)	7	(D)	4	2	2	2	0	(*)	0	(*)	0	0	0	0
Middle East	155	31	27	4	124	20	6	1	38	13	46	8	(*)	(*)	8	5	(*)	0	0	(*)	1	2
Israel.....	76	18	18	(*)	58	4	4	1	9	8	32	8	0	0	0	0	0	0	0	0	0	0
Saudi Arabia.....	40	6	6	(*)	34	11	1	0	12	2	8	(*)	(*)	0	0	0	0	0	0	(*)	0	0
Other.....	39	7	3	4	32	5	1	0	18	3	6	0	0	0	0	0	0	0	0	0	0	0
Asia and Pacific	10,174	6,087	5,753	334	4,087	2,094	61	32	123	466	1,311	2,459	(D)	(D)	1,787	(D)	480	8	(D)	(*)	15	(D)
Australia.....	728	537	516	20	191	33	10	5	12	23	109	60	21	1	20	39	7	5	(D)	0	0	0
China.....	318	212	211	1	106	47	(*)	1	5	5	47	87	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Hong Kong.....	244	171	167	4	73	23	3	1	11	15	19	12	(D)	(D)	0	0	0	0	0	0	0	0
India.....	63	17	17	0	46	20	1	1	4	2	17	6	0	0	0	6	0	0	(*)	0	0	0
Indonesia.....	46	18	18	(*)	28	11	1	1	3	6	6	1	1	1	0	0	0	0	0	0	0	0
Japan.....	5,776	3,420	3,200	220	2,356	1,172	36	12	31	374	731	2,247	1,838	84	1,754	409	374	1	(*)	0	0	26
Korea.....	835	(D)	161	(D)	(D)	483	2	1	9	8	(D)	34	(D)	13	(D)	(D)	(*)	0	0	0	0	0
Malaysia.....	120	53	50	3	68	43	1	1	10	2	12	(*)	0	0	0	0	0	0	0	0	0	0
New Zealand.....	77	53	53	(*)	25	2	(*)	6	3	4	10	2	0	0	0	2	1	1	0	0	0	1
Philippines.....	85	52	52	0	33	8	3	1	7	11	4	1	0	0	0	1	1	1	0	0	0	0
Singapore.....	1,169	1,105	1,092	13	64	37	1	(*)	4	2	20	4	3	2	1	1	1	1	0	0	0	0
Taiwan.....	588	155	152	2	434	192	3	(*)	13	10	215	5	3	2	1	1	1	1	0	0	0	1
Thailand.....	109	(D)	60	(D)	(D)	19	(*)	3	8	2	(D)	(*)	(*)	(*)	0	0	0	0	0	0	0	0
Other.....	16	5	4	(*)	11	2	2	(*)	4	3	2	2	(*)	(*)	0	0	0	0	0	0	0	0
International organizations and unallocated	1,842	1,314	1,217	97	528	7	13	(D)	9	18	(D)	733	243	50	193	490	2	7	(D)	0	(D)	67
Addenda:																						
European Union ³	17,525	14,299	13,192	1,108	3,225	1,071	178	164	204	257	1351	5,942	4,687	876	3,811	1,254	555	121	42	4	85	447
Eastern Europe ⁴	290	172	163	9	118	14	7	4	11	8	75	10	7	7	3	(*)	1	1	(*)	0	(*)	1

* Less than \$500,000.
 (D) Suppressed to avoid disclosure of data of individual companies.
 1. Receipts include \$3,195 million for the rights to distribute, use, and reproduce computer software.
 2. Payments include \$498 million for the rights to distribute, use, and reproduce computer software.
 3. See table 2, footnote 2.
 4. See table 2, footnote 3.

Table 4.3.—Royalties and License Fees, 1999
[Millions of dollars]

	Receipts										Payments												
	Total	Affiliated			Unaffiliated							Total	Affiliated			Unaffiliated							
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ¹		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ²	
All countries	36,420	25,905	24,265	1,640	10,515	3,987	395	244	527	1,116	4,245	12,613	9,791	1,956	7,835	2,822	1,699	190	101	7	223	605	
Canada	1,685	1,298	1,258	40	387	118	28	13	48	48	133	534	(D)	(D)	258	(D)	136	26	(D)	(*)	5	10	
Europe	18,877	14,771	13,792	978	4,107	1,442	221	159	219	330	1,734	7,147	5,554	826	4,728	1,593	812	138	67	6	103	467	
Belgium-Luxembourg	753	(D)	(D)	5	(D)	105	3	3	2	2	(D)	225	(D)	20	(D)	(D)	31	1	(*)	0	1	(D)	
France	2,073	1,598	1,574	24	475	204	28	39	12	23	168	890	426	29	397	464	(D)	6	(D)	0	5	(D)	
Germany	3,078	2,077	1,881	196	1,000	317	47	21	92	23	500	1,258	1,045	22	1,023	213	149	4	1	0	19	41	
Italy	929	658	644	14	270	84	21	13	12	28	113	85	67	20	47	18	6	2	(*)	0	5	4	
Netherlands	1,714	1,572	1,505	68	142	45	10	7	4	9	66	768	(D)	(D)	301	(D)	40	3	(*)	0	9	(D)	
Norway	114	76	73	3	38	2	3	5	2	23	26	15	1	13	11	9	2	0	(*)	0	(*)	(*)	
Spain	581	413	413	1	167	18	18	15	10	55	52	24	(D)	16	(D)	1	4	4	(*)	0	1	(*)	
Sweden	414	206	201	6	208	133	5	6	5	5	54	204	98	6	92	105	98	4	(D)	0	1	3	
Switzerland	862	720	610	110	142	94	6	3	1	6	33	1,170	(D)	(D)	936	(D)	112	6	(D)	0	1	10	
United Kingdom	3,448	2,593	2,112	480	855	217	56	35	41	60	446	1,663	1,265	101	1,164	398	147	103	40	0	49	58	
Other	4,912	(D)	(D)	72	(D)	223	24	13	36	116	(D)	835	697	113	584	137	(D)	3	(*)	6	11	(D)	
Latin America and Other Western Hemisphere	2,695	(D)	2,011	(D)	(D)	97	33	17	56	132	(D)	972	(D)	(D)	(D)	(D)	29	5	3	0	6	(D)	
South and Central America	2,025	(D)	1,418	(D)	(D)	70	31	16	37	125	(D)	108	(D)	15	(D)	(D)	4	4	3	0	2	(D)	
Argentina	234	184	178	6	50	8	4	3	3	20	13	11	9	1	8	3	1	1	0	0	2	(*)	
Brazil	557	(D)	339	(D)	(D)	10	12	5	2	44	(D)	3	1	1	0	(*)	(*)	(*)	(*)	0	0	1	(*)
Chile	54	30	28	2	24	4	1	(*)	3	10	6	4	4	(*)	4	0	0	0	0	0	0	0	
Mexico	790	658	606	52	131	36	8	6	11	19	50	(D)	57	5	52	(D)	(D)	2	2	0	0	(D)	
Venezuela	148	110	107	3	39	7	3	1	3	10	15	7	5	1	4	2	1	1	(*)	0	0	(*)	
Other	242	(D)	160	(D)	(D)	6	2	1	16	21	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(*)	(*)	0	1	(*)	
Other Western Hemisphere	670	(D)	593	(D)	(D)	27	2	0	1	19	7	(D)	864	(D)	(D)	(D)	(D)	1	1	0	4	0	
Bermuda	117	93	93	0	24	22	(*)	0	(*)	1	(D)	819	(D)	(D)	2	(D)	(D)	0	0	0	0	0	
Other	553	(D)	501	(D)	(D)	5	2	1	19	6	(D)	45	(D)	22	(D)	(D)	(D)	1	(*)	0	4	0	
Africa	388	(D)	225	(D)	(D)	19	5	2	10	31	(D)	5	(D)	2	(D)	(D)	(*)	(*)	0	0	(*)	(D)	
South Africa	265	(D)	152	(D)	(D)	16	5	2	4	(D)	43	5	(D)	2	(D)	(D)	(*)	(*)	0	0	(*)	(D)	
Other	123	77	74	3	46	3	1	0	6	(D)	(D)	1	1	(*)	(*)	(*)	0	0	0	0	0	0	
Middle East	200	39	35	4	162	50	9	1	38	15	48	21	1	(*)	(*)	21	14	(*)	0	(*)	(*)	6	
Israel	100	25	25	(*)	75	16	5	1	8	9	35	20	(*)	0	(*)	19	14	(*)	0	(*)	(*)	5	
Saudi Arabia	51	6	6	(*)	45	20	3	(*)	11	3	8	(*)	(*)	0	0	(*)	0	0	0	0	0	(*)	
Other	49	8	4	4	41	14	1	(*)	19	3	5	1	(*)	(*)	0	1	0	0	0	0	0	1	
Asia and Pacific	10,643	6,056	5,729	327	4,587	2,250	79	48	138	532	1,539	3,486	2,680	142	2,538	807	699	13	(D)	(*)	41	(D)	
Australia	731	547	530	17	184	32	12	6	11	18	104	80	24	4	20	56	20	9	(D)	(*)	(*)	(D)	
China	319	219	218	1	99	33	2	2	5	10	49	87	(D)	4	(D)	(D)	0	0	0	0	0	(*)	
Hong Kong	198	136	131	5	62	12	4	1	13	11	22	20	14	13	1	5	2	2	(*)	0	3	(*)	
India	69	24	23	1	46	17	1	(D)	4	1	(D)	1	(*)	(*)	0	1	1	0	0	0	0	(*)	
Indonesia	53	23	23	0	30	21	(*)	(*)	5	1	2	2	2	2	2	0	0	0	0	0	0	0	
Japan	5,994	3,402	3,185	217	2,592	1,188	47	13	33	448	863	3,125	2,515	82	2,433	610	552	1	(*)	0	39	18	
Korea	1,136	(D)	168	(D)	(D)	681	4	(D)	14	8	185	92	(D)	16	(D)	(D)	(D)	(*)	0	0	0	1	
Malaysia	94	54	54	(*)	40	12	1	(*)	10	2	14	(*)	0	0	0	0	0	0	0	0	0	(*)	
New Zealand	71	46	46	(*)	25	3	1	5	3	3	10	3	(*)	0	(*)	(*)	(*)	1	1	0	0	2	
Philippines	97	66	65	1	31	7	2	1	7	11	4	9	8	8	0	1	1	1	(*)	0	0	(*)	
Singapore	1,151	1,065	1,062	3	86	38	1	4	5	2	36	16	8	7	1	8	7	0	0	0	0	1	
Taiwan	611	166	161	5	444	188	3	1	15	8	229	46	31	1	29	16	14	0	0	0	0	2	
Thailand	99	60	55	5	39	16	(*)	5	8	5	4	4	3	3	0	0	0	0	0	0	0	(*)	
Other	21	(D)	7	(D)	(D)	3	(*)	(*)	4	4	(D)	1	0	0	1	(*)	0	0	(*)	(*)	0	0	
International organizations and unallocated	1,930	1,297	1,214	83	633	11	20	4	17	28	553	448	279	56	223	169	9	8	(*)	(*)	69	83	
Addenda:																							
European Union ³	17,492	13,748	12,894	854	3,744	1,307	204	149	196	299	1,589	5,861	4,500	733	3,766	1,362	624	128	50	6	99	455	
Eastern Europe ⁴	276	152	144	8	124	34	6	3	(D)	4	(D)	21	16	4	5	(*)	2	0	1	2	1	1	

* Less than \$500,000.
 D Suppressed to avoid disclosure of data of individual companies.
 1. Receipts include \$3,688 million for the rights to distribute, use, and reproduce computer software.
 2. Payments include \$518 million for the rights to distribute, use, and reproduce computer software.
 3. See table 2, footnote 2.
 4. See table 2, footnote 3.

Table 4.4.—Royalties and License Fees, 2000

[Millions of dollars]

	Receipts										Payments											
	Total	Affiliated			Unaffiliated							Total	Affiliated			Unaffiliated						
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ¹		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Industrial processes	Books, records and tapes	Broadcasting and recording of live events	Franchise fees	Trade-marks	Other ²
All countries	38,030	26,621	24,444	2,177	11,409	4,421	384	298	564	1,237	4,505	16,106	12,170	2,184	9,986	3,936	1,852	200	657	3	418	807
Canada	2,102	1,544	1,498	46	558	166	39	23	64	61	205	986	741	271	470	245	110	23	15	0	9	88
Europe	18,451	14,475	13,096	1,378	3,976	1,407	198	158	196	335	1,683	8,584	6,767	871	5,897	1,817	963	141	(D)	2	(D)	528
Belgium-Luxembourg.....	720	541	537	4	178	136	3	3	4	4	28	213	179	13	166	34	29	1	(*)	(*)	(*)	4
France.....	1,997	1,498	1,433	65	499	168	27	35	12	32	225	1,022	493	30	463	529	144	6	(D)	(*)	3	(D)
Germany.....	2,951	1,956	1,762	194	995	345	39	20	30	16	545	1,650	1,349	21	1,329	301	207	4	1	(*)	30	59
Italy.....	908	618	607	11	290	104	17	12	12	46	99	83	46	16	31	37	12	1	1	0	(D)	(D)
Netherlands.....	1,433	1,295	1,218	78	138	42	9	5	5	11	65	1,027	961	416	545	65	39	1	(*)	0	(D)	(D)
Norway.....	141	(D)	68	(D)	(D)	1	1	4	5	3	(D)	32	(D)	1	(D)	5	(*)	0	(*)	(*)	(*)	(D)
Spain.....	504	342	341	1	162	18	15	14	14	54	47	21	16	13	3	5	(*)	2	1	0	1	1
Sweden.....	425	(D)	178	(D)	(D)	77	4	5	5	11	(D)	398	272	4	267	127	113	5	(*)	0	2	6
Switzerland.....	1,346	1,165	730	435	181	128	7	3	3	5	35	1,589	1,428	71	1,357	161	130	3	(D)	0	7	(D)
United Kingdom.....	3,272	2,491	2,154	337	781	149	48	40	63	49	432	1,422	1,044	99	945	378	159	115	33	(*)	23	46
Other.....	4,752	4,203	4,069	134	550	237	26	18	44	103	122	1,127	(D)	186	(D)	(D)	124	3	(D)	2	12	24
Latin America and Other Western Hemisphere	2,995	2,454	2,264	191	540	95	30	30	73	148	164	1,115	(D)	(D)	103	(D)	102	7	(*)	4	3	(D)
South and Central America.....	2,307	(D)	1,686	(D)	(D)	72	28	29	55	142	(D)	195	89	23	65	106	89	5	4	0	2	6
Argentina.....	241	187	183	4	54	7	5	4	4	20	14	24	(D)	2	(D)	(D)	(*)	1	(*)	0	(*)	1
Brazil.....	670	(D)	442	(D)	(D)	12	10	6	2	48	(D)	5	3	3	(*)	2	(*)	(*)	0	0	0	(D)
Chile.....	51	27	27	0	24	3	1	(*)	4	11	4	(D)	3	1	2	(D)	(D)	0	0	0	0	0
Mexico.....	949	777	767	10	172	39	8	16	25	28	56	66	(D)	6	(D)	(D)	8	3	4	0	0	(D)
Venezuela.....	180	(D)	108	(D)	(D)	5	1	2	4	13	(D)	9	3	2	1	6	4	1	(*)	0	0	(*)
Other.....	217	159	159	(*)	58	5	3	1	16	22	11	(D)	11	10	(*)	(D)	(D)	(*)	0	0	1	1
Other Western Hemisphere.....	687	(D)	577	(D)	(D)	22	2	1	19	6	(D)	920	(D)	(D)	38	(D)	14	2	0	(*)	0	(D)
Bermuda.....	64	(D)	(D)	0	(D)	(D)	(*)	0	(*)	1	(*)	839	(D)	2	(D)	(D)	1	0	0	0	0	(D)
Other.....	623	(D)	(D)	(D)	(D)	(D)	2	1	19	5	(D)	82	(D)	(D)	35	(D)	12	2	0	(*)	0	(D)
Africa	376	(D)	189	(D)	(D)	14	5	2	13	47	164	4	4	3	1	(*)	(*)	(*)	(*)	0	0	(*)
South Africa.....	218	(D)	118	(D)	(D)	8	4	2	5	(D)	40	1	1	1	(*)	(*)	(*)	(*)	0	0	0	(*)
Other.....	158	79	71	8	78	5	1	(*)	8	(D)	(D)	3	3	2	1	(*)	0	0	0	0	0	0
Middle East	232	(D)	48	(D)	(D)	57	10	4	48	19	19	23	2	1	1	22	16	(*)	(*)	0	(*)	4
Israel.....	112	36	35	(*)	76	13	4	4	11	13	31	21	1	1	21	16	16	(*)	(*)	0	0	3
Saudi Arabia.....	67	9	8	(*)	58	32	5	(*)	13	3	5	1	1	1	0	(*)	(*)	(*)	0	0	0	(*)
Other.....	54	(D)	4	(D)	(D)	12	2	0	25	3	(D)	1	0	0	0	1	0	0	0	0	0	1
Asia and Pacific	11,891	6,535	6,128	407	5,356	2,675	88	79	160	603	1,752	4,319	(D)	(D)	3,228	(D)	655	21	(D)	(*)	231	(D)
Australia.....	720	555	542	13	164	27	13	8	15	22	81	73	(D)	(D)	33	(D)	23	(D)	2	0	(*)	6
China.....	394	266	266	(*)	128	30	3	4	3	13	76	103	1	1	(*)	102	100	0	1	1	2	(*)
Hong Kong.....	238	172	169	3	66	12	5	1	14	14	19	22	17	9	8	5	2	1	1	(*)	2	2
India.....	70	22	20	3	48	22	1	8	3	1	13	1	(*)	(*)	0	(*)	(*)	0	0	0	0	(*)
Indonesia.....	47	21	21	0	26	15	1	1	6	1	2	1	1	1	(*)	0	0	0	0	0	0	0
Japan.....	6,992	3,780	3,438	343	3,212	1,533	43	30	43	504	1,059	3,976	3,246	99	3,147	730	484	1	8	0	218	18
Korea.....	1,282	(D)	220	(D)	(D)	762	6	5	20	11	(D)	(D)	(D)	8	(D)	(D)	27	1	(*)	0	(D)	(D)
Malaysia.....	135	97	97	1	38	10	1	(*)	11	2	13	7	1	1	(*)	6	0	0	0	0	0	6
New Zealand.....	70	50	50	0	20	3	1	5	3	3	4	1	(*)	(*)	1	(*)	1	1	1	0	0	(*)
Philippines.....	87	57	57	0	30	5	1	1	7	13	3	5	4	4	(*)	1	1	1	1	0	0	(*)
Singapore.....	1,045	976	974	2	69	21	1	5	5	2	35	17	8	3	5	10	8	(*)	0	0	0	1
Taiwan.....	670	(D)	192	(D)	(D)	214	6	5	17	10	(D)	42	(D)	3	(D)	(D)	10	0	0	0	0	(D)
Thailand.....	125	76	76	0	49	17	6	6	8	7	4	(D)	5	(*)	5	(D)	0	0	0	0	0	(D)
Other.....	15	6	6	0	9	3	0	(*)	4	1	2	1	(*)	0	(*)	1	(*)	0	0	(*)	(*)	0
International organizations and unallocated	1,983	1,330	1,222	108	653	8	14	2	10	24	595	1,074	346	61	285	728	6	8	(D)	(*)	(D)	98
Addenda:																						
European Union ³	16,584	12,971	12,050	922	3,613	1,262	178	144	166	306	1,556	6,807	5,236	789	4,447	1,571	754	138	60	2	93	525
Eastern Europe ⁴	249	170	162	8	79	11	7	4	8	7	41	82	76	9	67	6	1	1	0	1	3	1

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. Receipts include \$3,890 million for the rights to distribute, use, and reproduce computer software.

2. Payments include \$541 million for the rights to distribute, use, and reproduce computer software.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 5.1.—Other Private Services, 1997

[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	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum
							Net	Premiums	Losses				Film and tape rentals	
All countries	84,456	27,107	17,288	9,819	57,349	8,346	10,243	2,473	6,118	3,645	3,918	21,547	10,821	5,943
Canada	8,161	4,214	2,964	1,250	3,946	439	593	389	996	606	305	1,879	342	315
Europe	31,717	13,826	9,129	4,698	17,891	1,447	4,309	1,003	2,553	1,550	1,206	7,420	2,506	3,938
Belgium-Luxembourg.....	1,016	390	362	28	624	18	158	53	98	45	91	234	70	72
France	3,091	1,407	870	538	1,682	108	409	131	220	89	90	750	193	431
Germany.....	4,736	2,378	1,173	1,204	2,358	171	271	214	469	255	81	921	700	755
Italy	1,320	444	337	107	877	54	155	39	78	39	45	329	255	295
Netherlands.....	2,928	2,079	1,789	289	849	36	227	-38	41	79	59	500	65	977
Norway.....	531	234	79	154	297	42	41	11	49	37	89	89	25	21
Spain.....	1,348	(D)	297	(D)	(D)	86	148	16	24	8	37	237	(D)	427
Sweden.....	832	287	52	235	545	76	100	10	28	18	36	280	43	53
Switzerland.....	2,071	1,110	664	447	961	34	435	-1	55	56	57	408	27	24
United Kingdom.....	9,807	4,170	2,892	1,277	5,635	142	1,979	518	1,333	815	356	2,210	430	654
Other.....	4,044	(D)	613	(D)	(D)	678	386	50	157	107	265	1,462	(D)	227
Latin America and Other Western Hemisphere	13,788	1,472	1,064	408	12,316	914	2,890	600	1,391	791	1,012	3,147	3,752	409
South and Central America.....	10,506	985	842	143	9,521	702	1,222	163	595	433	892	2,846	3,696	396
Argentina.....	762	70	64	6	692	42	233	4	115	111	36	299	78	48
Brazil.....	1,426	200	185	15	1,226	115	294	8	26	18	111	559	139	147
Chile.....	438	32	25	6	406	18	72	20	80	61	47	209	40	24
Mexico.....	5,284	441	372	70	4,842	167	282	47	114	67	445	796	3,105	83
Venezuela.....	619	72	69	3	545	85	98	11	29	17	49	257	45	37
Other.....	1,980	170	127	43	1,810	274	243	73	232	159	204	726	289	57
Other Western Hemisphere.....	3,282	487	222	265	2,795	212	1,668	438	796	358	120	301	56	13
Bermuda.....	783	198	71	127	585	11	434	66	364	298	15	54	6	4
Other.....	2,500	289	151	138	2,211	201	1,234	372	432	60	106	247	51	9
Africa	1,741	168	132	36	1,573	400	128	7	16	9	143	825	71	54
South Africa.....	342	50	47	3	292	36	27	4	8	4	60	117	48	42
Other.....	1,400	118	85	33	1,282	364	101	4	9	5	83	707	23	12
Middle East	2,826	230	78	153	2,596	359	261	13	50	37	205	1,667	91	52
Israel.....	452	54	17	37	398	45	67	(*)	35	34	71	176	39	22
Saudi Arabia.....	1,165	(D)	10	(D)	(D)	77	61	2	3	1	40	849	(D)	5
Other.....	1,207	(D)	51	(D)	(D)	237	133	10	12	2	93	641	(D)	24
Asia and Pacific	22,874	7,118	3,843	3,275	15,756	4,787	2,053	394	894	501	1,040	6,480	1,002	1,149
Australia.....	1,447	437	403	34	1,010	44	201	32	117	85	89	473	171	284
China.....	1,536	171	117	54	1,365	626	70	-14	14	28	98	497	88	9
Hong Kong.....	1,563	654	579	74	909	161	281	12	37	25	100	310	45	44
India.....	666	23	22	(*)	643	451	35	(*)	7	7	58	90	9	2
Indonesia.....	1,191	99	89	10	1,092	183	87	-2	15	17	43	753	28	21
Japan.....	7,924	3,656	986	2,670	4,267	834	532	287	484	197	223	2,113	278	469
Korea.....	2,000	(D)	143	(D)	(D)	547	160	6	23	18	127	599	(D)	118
Malaysia.....	709	161	154	8	548	214	31	3	13	9	22	244	34	30
New Zealand.....	252	(D)	25	(D)	(D)	15	14	9	13	4	16	120	(D)	49
Philippines.....	476	76	68	8	400	41	46	5	15	10	45	235	28	20
Singapore.....	1,577	1,043	1,000	42	534	55	193	20	30	10	47	193	26	25
Taiwan.....	1,354	186	156	30	1,168	449	132	28	111	83	117	396	46	60
Thailand.....	577	87	76	11	490	199	43	8	14	6	23	196	21	15
Other.....	1,600	23	23	1	1,577	968	228	0	2	2	31	260	89	2
International organizations and unallocated	3,347	79	79	0	3,268	0	9	66	216	150	6	129	3,058	27
Addenda:														
European Union ¹	26,800	12,358	8,263	4,095	14,442	722	3,657	979	2,418	1,438	887	5,915	2,278	3,796
Eastern Europe ²	1,348	72	70	2	1,278	291	94	11	25	13	125	633	126	72

See footnotes at the end of the table.

Table 5.1.—Other Private Services, 1997—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	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum
							Net	Premiums	Losses				Film and tape rentals	
All countries	43,482	17,625	9,012	8,613	25,857	1,396	3,347	5,873	15,211	9,338	8,346	6,407	487	158
Canada	5,191	2,738	790	1,948	2,453	12	200	518	1,077	559	332	1,197	195	45
Europe	18,285	9,362	4,966	4,396	8,923	802	2,029	1,835	6,925	5,090	1,370	2,708	180	85
Belgium-Luxembourg.....	669	459	271	188	211	8	47	35	80	45	35	81	5	2
France	2,081	1,181	565	616	900	101	128	319	561	242	111	220	21	7
Germany.....	2,091	1,332	620	712	758	46	103	162	1,311	1,149	123	295	29	10
Italy	537	215	72	143	321	110	24	0	70	71	102	75	11	2
Netherlands.....	818	677	270	407	140	11	51	-109	32	141	57	117	13	4
Norway.....	112	61	6	55	51	0	11	1	15	14	23	15	0	0
Spain.....	366	(D)	49	(D)	(D)	114	38	2	7	5	64	69	(D)	(*)
Sweden.....	235	163	26	137	72	1	29	-9	72	80	22	27	1	1
Switzerland.....	603	519	175	344	84	3	135	-247	591	839	60	124	9	7
United Kingdom.....	9,121	4,107	2,707	1,400	5,013	287	1,354	1,755	3,694	1,939	276	1,274	67	51
Other.....	1,655	(D)	205	(D)	(D)	120	109	-74	492	566	496	410	(D)	2
Latin America and Other Western Hemisphere	8,573	948	565	383	7,625	394	489	3,265	6,644	3,378	2,984	480	13	5
South and Central America.....	4,000	401	330	70	3,599	340	271	-11	45	55	2,544	444	11	4
Argentina.....	241	55	55	(*)	186	10	34	-5	(D)	(D)	103	43	1	1
Brazil.....	556	123	111	12	433	11	75	-8	1	8	249	105	1	1
Chile.....	95	13	1	11	82	18	8	-1	2	2	36	21	0	0
Mexico.....	1,657	165	125	40	1,493	170	82	-4	2	7	1,104	136	5	(*)
Venezuela.....	136	16	11	4	122	4	10	-1	4	6	92	16	1	1
Other.....	1,312	29	27	2	1,283	128	62	9	(D)	(D)	960	122	3	(*)
Other Western Hemisphere.....	4,572	547	234	313	4,025	54	218	3,276	6,599	3,323	440	36	2	1
Bermuda.....	2,812	268	100	168	2,544	1	36	2,469	4,357	1,887	19	19	0	0
Other.....	1,759	279	134	144	1,480	53	182	806	2,242	1,436	420	17	2	1
Africa	681	(D)	59	(D)	(D)	33	37	5	8	2	345	171	(D)	(*)
South Africa.....	174	(D)	57	(D)	(D)	4	9	-1	1	2	54	21	(D)	(*)
Other.....	509	4	2	1	505	28	28	6	6	1	292	150	0	0
Middle East	1,048	(D)	204	(D)	(D)	23	11	3	6	4	495	296	(D)	3
Israel.....	463	194	(D)	(D)	269	22	6	-1	1	2	140	102	0	0
Saudi Arabia.....	179	4	4	0	175	0	1	0	(*)	(*)	92	79	3	3
Other.....	405	(D)	(D)	4	(D)	0	4	4	5	1	263	114	(D)	0
Asia and Pacific	9,367	4,239	2,398	1,842	5,128	133	581	200	514	314	2,593	1,556	64	19
Australia.....	814	313	276	36	502	44	57	83	188	105	138	170	10	6
China.....	398	24	16	8	374	9	2	-14	1	15	324	53	0	0
Hong Kong.....	1,053	587	523	64	466	2	98	19	6	-13	212	134	1	1
India.....	408	(D)	10	(D)	(D)	3	17	1	3	2	314	41	(D)	2
Indonesia.....	161	23	22	1	138	1	19	3	3	(*)	75	40	0	0
Japan.....	3,951	2,585	1,101	1,484	1,366	25	180	93	272	179	318	716	34	8
Korea.....	445	(D)	39	(D)	(D)	2	28	4	9	5	222	79	(D)	(*)
Malaysia.....	201	118	77	41	83	0	28	-1	(*)	1	36	20	0	0
New Zealand.....	134	(D)	36	(D)	(D)	5	3	10	12	1	60	19	(D)	(*)
Philippines.....	322	16	16	(*)	306	0	40	-4	1	5	210	59	0	(*)
Singapore.....	468	305	218	88	163	1	39	-1	6	7	67	57	0	(*)
Taiwan.....	353	67	44	23	286	1	14	0	5	5	200	71	0	0
Thailand.....	194	20	16	4	174	1	12	3	5	1	94	64	0	(*)
Other.....	460	(D)	3	(D)	(D)	38	44	2	3	1	323	32	(D)	1
International organizations and unallocated	338	31	31	0	307	0	0	47	38	-10	228	(*)	32	1
Addenda:														
European Union ¹	16,805	8,755	4,770	3,985	8,048	723	1,839	2,078	6,317	4,240	938	2,302	167	79
Eastern Europe ²	587	19	12	6	569	39	14	3	1	-2	273	242	1	0

* Less than \$500,000.

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

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.2.—Other Private Services, 1998

[Millions of dollars]

	Receipts													
	Total	Affiliated			Unaffiliated									
		Total	By U.S. parents from their foreign affiliates	By U.S. affiliates from their foreign parents	Total	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum
							Net	Premiums	Losses				Film and tape rentals	
All countries	91,288	28,176	18,135	10,041	63,112	9,034	11,327	2,224	7,278	5,054	5,567	22,676	12,284	7,076
Canada	7,465	3,558	2,832	726	3,909	444	768	129	868	739	306	1,802	460	406
Europe	35,019	15,045	9,338	5,707	19,974	1,573	4,686	672	2,793	2,122	2,027	8,100	2,916	4,357
Belgium-Luxembourg.....	1,127	425	369	56	702	18	163	28	100	73	138	288	66	69
France	3,145	1,531	912	619	1,614	117	393	37	293	256	104	684	279	580
Germany.....	5,022	2,663	1,345	1,318	2,357	182	309	120	447	327	97	977	672	726
Italy	1,568	481	360	121	1,087	60	200	39	90	51	51	463	273	333
Netherlands.....	2,714	1,761	1,336	425	954	38	257	3	31	28	68	489	99	(D)
Norway.....	612	280	97	183	332	45	60	22	48	26	76	103	27	22
Spain.....	1,378	532	352	181	846	83	130	6	42	36	32	187	408	482
Sweden.....	925	389	55	334	536	85	88	3	25	22	62	230	68	78
Switzerland.....	2,454	1,453	731	722	1,001	36	411	2	53	50	48	471	33	31
United Kingdom.....	11,247	4,406	3,012	1,393	6,841	152	2,220	395	1,461	1,067	1,041	2,435	598	908
Other.....	4,826	1,123	768	355	3,703	756	455	17	202	185	310	1,773	392	(D)
Latin America and Other Western Hemisphere	15,775	1,731	1,212	518	14,045	984	3,222	892	2,452	1,561	1,148	3,729	4,071	601
South and Central America.....	11,381	1,142	931	211	10,239	777	1,138	13	764	751	1,017	3,284	4,010	587
Argentina.....	993	83	72	11	910	47	220	89	219	130	57	415	81	50
Brazil.....	1,663	276	246	30	1,387	134	265	7	24	17	183	581	217	253
Chile.....	391	33	27	6	358	22	67	8	96	88	46	172	43	25
Mexico.....	5,533	449	379	70	5,084	183	261	47	132	85	464	854	3,275	122
Venezuela.....	809	89	85	5	718	91	93	1	28	27	48	418	67	63
Other.....	1,996	211	122	89	1,785	300	232	-139	264	403	221	845	326	75
Other Western Hemisphere.....	4,394	589	281	308	3,805	207	2,084	879	1,688	810	130	445	61	14
Bermuda.....	879	205	49	156	674	10	526	48	602	554	12	71	6	3
Other.....	3,515	383	232	151	3,132	196	1,558	831	1,086	256	118	374	55	10
Africa	2,094	224	196	28	1,870	431	183	1	18	17	183	1,006	67	63
South Africa.....	419	73	72	1	345	37	40	3	10	7	69	130	66	58
Other.....	1,677	151	124	28	1,526	394	143	-1	8	10	114	876	0	5
Middle East	3,243	283	107	176	2,960	369	344	15	73	58	516	1,628	88	64
Israel.....	453	31	15	16	422	50	66	7	52	45	85	181	34	23
Saudi Arabia.....	1,251	(D)	4	(D)	(D)	85	73	4	7	4	54	884	(D)	8
Other.....	1,538	(D)	88	(D)	(D)	235	205	5	13	9	376	563	(D)	33
Asia and Pacific	23,942	7,264	4,380	2,884	16,678	5,234	2,109	398	865	467	1,387	6,269	1,282	1,499
Australia.....	1,674	544	495	50	1,129	49	202	54	142	88	100	478	247	365
China.....	1,846	228	152	76	1,618	718	50	18	12	-6	107	635	91	11
Hong Kong.....	1,630	665	584	80	965	148	200	17	37	19	250	312	38	42
India.....	844	23	23	(*)	821	517	33	-1	9	10	57	200	15	3
Indonesia.....	1,072	88	86	2	984	203	35	-3	9	12	33	698	18	9
Japan.....	8,187	3,677	1,194	2,482	4,511	868	625	258	453	195	357	1,941	462	763
Korea.....	1,654	(D)	130	(D)	(D)	655	176	12	32	20	141	414	(D)	76
Malaysia.....	613	(D)	170	(D)	(D)	223	29	(*)	8	8	20	121	(D)	31
New Zealand.....	402	20	20	(*)	382	18	130	8	14	6	30	140	57	53
Philippines.....	492	77	74	3	415	43	50	2	13	11	36	241	43	34
Singapore.....	1,831	1,193	1,161	32	638	59	192	12	26	15	58	290	27	26
Taiwan.....	1,309	236	167	70	1,073	471	109	18	90	72	129	293	52	67
Thailand.....	698	104	95	9	594	231	34	5	15	10	28	272	24	16
Other.....	1,690	30	29	1	1,660	1,033	244	-3	4	6	41	235	110	3
International organizations and unallocated	3,745	70	70	0	3,676	0	15	118	209	91	(*)	142	3,401	86
Addenda:														
European Union ¹	29,320	13,172	8,379	4,793	16,147	764	4,004	644	2,618	1,974	1,681	6,429	2,625	4,157
Eastern Europe ²	1,728	81	74	7	1,648	349	127	3	60	57	184	823	163	103

See footnotes at the end of the table.

Table 5.2.—Other Private Services, 1998—Continued

[Millions of dollars]

	Payments													
	Total	Affiliated			Unaffiliated									
		Total	By U.S. parents to their foreign affiliates	By U.S. affiliates to their foreign parents	Total	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum
							Net	Premiums	Losses				Film and tape rentals	
All countries	49,298	19,437	10,415	9,022	29,861	1,587	3,590	9,240	20,398	11,158	7,682	7,303	460	141
Canada	5,762	2,988	715	2,273	2,773	14	228	636	1,150	514	310	1,388	198	51
Europe	21,438	11,240	6,398	4,841	10,198	919	2,195	2,619	7,965	5,346	1,161	3,146	158	64
Belgium-Luxembourg.....	573	(D)	(D)	84	(D)	10	63	34	128	95	29	78	(D)	2
France	2,254	1,348	613	735	906	119	145	220	537	317	100	301	21	6
Germany.....	3,111	1,596	665	931	1,515	51	147	848	1,617	769	115	333	22	1
Italy	596	236	89	147	361	124	38	-14	100	114	87	116	10	2
Netherlands.....	1,102	801	173	628	302	13	70	7	39	32	42	154	16	5
Norway.....	162	76	5	71	86	2	11	13	16	3	14	46	0	0
Spain.....	439	97	71	26	342	134	41	6	10	4	54	99	8	1
Sweden	285	185	31	154	100	5	39	-22	61	83	20	57	1	(*)
Switzerland.....	1,280	682	181	501	598	9	130	237	1,213	976	57	157	9	(D)
United Kingdom.....	9,680	5,095	3,839	1,256	4,585	330	1,354	1,266	3,763	2,497	238	1,362	35	24
Other	1,954	(D)	(D)	308	(D)	122	157	25	480	455	405	444	(D)	(D)
Latin America and Other Western Hemisphere	10,725	991	569	422	9,732	432	539	5,449	10,674	5,225	2,783	513	16	7
South and Central America.....	3,877	484	348	136	3,393	372	241	0	31	31	2,304	463	14	5
Argentina.....	239	49	48	(*)	190	13	25	-3	(D)	(D)	99	54	2	2
Brazil	534	151	136	15	383	13	58	(*)	1	(*)	201	110	1	1
Chile	112	11	2	9	101	24	5	1	(*)	-1	55	16	0	(*)
Mexico.....	1,587	228	124	104	1,359	179	31	3	5	2	1,017	123	7	1
Venezuela.....	141	15	12	3	125	6	15	0	(*)	(*)	80	23	1	1
Other	1,264	30	25	5	1,234	137	107	-1	(D)	(D)	852	136	3	(*)
Other Western Hemisphere.....	6,847	508	221	286	6,339	60	298	5,449	10,643	5,194	479	50	3	2
Bermuda.....	3,872	249	97	152	3,623	1	101	3,479	7,189	3,710	17	25	0	0
Other	2,974	258	124	134	2,716	59	197	1,970	3,454	1,484	462	25	3	2
Africa	695	92	88	4	603	40	41	3	5	2	357	161	1	(*)
South Africa	184	85	85	0	98	7	9	-1	1	1	60	23	1	(*)
Other	511	7	3	4	504	34	32	3	4	1	297	138	0	0
Middle East	1,211	273	260	14	938	27	36	5	8	3	492	372	5	5
Israel	480	246	237	9	234	26	10	-1	(*)	1	111	88	0	(*)
Saudi Arabia.....	281	5	5	0	276	0	10	0	(*)	1	100	161	5	5
Other	448	22	18	4	426	1	16	6	7	1	280	122	0	0
Asia and Pacific	9,232	3,835	2,366	1,468	5,397	155	551	527	587	60	2,387	1,724	53	12
Australia.....	1,250	372	341	31	878	51	73	426	244	-182	121	199	7	3
China.....	437	59	50	9	378	12	1	-3	-4	-1	295	72	1	1
Hong Kong.....	977	559	491	68	418	1	69	27	(D)	(D)	192	129	0	(*)
India.....	534	(D)	18	(D)	(D)	4	13	2	4	2	335	132	(D)	(*)
Indonesia.....	119	14	11	3	105	1	13	(*)	1	(*)	69	22	0	0
Japan.....	3,391	2,110	974	1,136	1,282	28	183	61	291	230	252	729	29	7
Korea.....	399	(D)	27	(D)	(D)	2	20	-4	10	14	192	100	(D)	1
Malaysia.....	96	(D)	27	(D)	(D)	0	17	-1	(*)	1	31	14	(D)	0
New Zealand.....	181	42	40	2	139	7	48	8	9	(*)	55	20	0	(*)
Philippines.....	319	17	17	(*)	302	1	29	7	5	-2	187	78	0	0
Singapore.....	556	377	292	86	179	1	50	8	14	6	68	52	0	(*)
Taiwan.....	373	79	50	30	294	1	17	-2	2	3	184	94	0	0
Thailand.....	153	25	22	3	128	1	16	-3	2	5	75	39	0	0
Other	442	(D)	6	(D)	(D)	44	2	-1	(D)	(D)	330	44	(D)	0
International organizations and unallocated	239	18	18	0	221	0	0	2	10	7	191	(*)	28	1
Addenda:														
European Union ¹	19,248	10,437	6,188	4,249	8,812	836	1,992	2,369	6,734	4,365	811	2,671	133	43
Eastern Europe ²	547	(D)	6	(D)	(D)	41	31	(*)	1	1	210	230	(D)	(D)

* Less than \$500,000.

□ Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.3.—Other Private Services, 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	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum Film and tape rentals
							Net	Premiums	Losses					
All countries	98,143	28,969	18,340	10,629	69,174	9,604	14,303	1,299	7,282	5,983	3,734	27,114	13,120	7,812
Canada	8,836	3,962	2,988	974	4,874	474	1,030	207	923	716	243	2,444	476	418
Europe	37,170	14,749	9,025	5,725	22,421	1,685	5,866	157	2,679	2,522	1,297	9,673	3,743	5,149
Belgium-Luxembourg.....	1,400	(D)	499	(D)	(D)	20	213	18	101	83	119	379	(D)	98
France	3,724	1,524	901	623	2,201	127	554	101	348	247	62	960	397	644
Germany.....	5,695	2,764	1,381	1,383	2,930	195	497	-15	350	365	55	1,256	942	1,026
Italy	1,671	444	339	105	1,228	62	314	21	106	86	37	431	363	415
Netherlands.....	2,741	1,664	1,218	446	1,080	37	353	7	36	29	61	523	98	853
Norway.....	487	244	113	130	243	47	51	-31	44	75	22	125	29	24
Spain.....	1,641	623	429	194	1,018	83	199	-5	44	50	17	290	434	517
Sweden.....	731	130	54	76	601	91	163	-13	17	31	40	234	86	94
Switzerland.....	2,137	1,006	270	736	1,131	38	534	-4	68	71	29	495	39	38
United Kingdom.....	11,681	4,268	2,908	1,360	7,414	161	2,503	92	1,378	1,286	687	3,187	783	1,068
Other.....	5,262	(D)	911	(D)	(D)	823	485	-12	188	200	168	1,794	(D)	371
Latin America and Other Western Hemisphere	17,393	1,935	1,392	542	15,458	1,105	4,392	681	2,452	1,771	775	4,208	4,297	636
South and Central America.....	12,392	1,195	1,026	169	11,197	868	1,457	174	700	526	673	3,800	4,225	617
Argentina.....	1,137	117	111	6	1,020	53	281	59	230	131	40	457	90	58
Brazil.....	1,613	216	186	29	1,397	161	303	7	21	15	126	589	211	223
Chile.....	494	(D)	30	(D)	(D)	27	92	6	57	51	25	263	(D)	25
Mexico.....	5,907	584	498	86	5,323	192	351	72	149	77	303	937	3,467	159
Venezuela.....	933	(D)	88	(D)	(D)	102	84	-11	23	34	27	550	(D)	86
Other.....	2,309	152	112	40	2,157	332	346	1	220	219	151	1,004	322	65
Other Western Hemisphere.....	5,000	739	366	373	4,261	237	2,935	507	1,752	1,245	102	408	72	18
Bermuda.....	1,020	295	115	180	725	11	625	15	954	939	7	61	6	7
Other.....	3,980	444	251	193	3,536	226	2,310	492	798	306	95	347	66	11
Africa	2,434	204	169	35	2,230	509	199	-18	11	29	167	1,277	96	87
South Africa.....	535	80	74	6	455	40	41	2	5	3	71	211	90	82
Other.....	1,899	124	95	29	1,775	469	158	-20	6	26	96	1,066	6	5
Middle East	3,741	310	182	128	3,431	413	444	-11	71	82	450	2,034	101	78
Israel.....	558	52	33	20	506	60	124	11	42	31	73	197	41	31
Saudi Arabia.....	1,567	(D)	3	(D)	(D)	96	79	-1	3	3	19	1,242	(D)	28
Other.....	1,616	(D)	145	(D)	(D)	257	243	-22	26	48	359	595	(D)	20
Asia and Pacific	25,086	7,719	4,494	3,225	17,367	5,419	2,366	241	949	708	801	7,289	1,250	1,342
Australia.....	1,704	542	474	68	1,164	54	205	4	160	156	98	552	251	360
China.....	1,990	220	156	64	1,770	814	74	(*)	17	17	40	743	99	20
Hong Kong.....	1,794	763	689	74	1,031	139	224	20	34	14	145	464	38	38
India.....	895	41	40	1	854	598	46	0	6	6	56	137	17	5
Indonesia.....	890	59	58	1	831	194	48	-6	5	11	17	562	16	8
Japan.....	8,346	3,842	1,202	2,640	4,504	888	668	226	548	322	174	2,126	422	618
Korea.....	1,543	154	147	7	1,389	626	192	-1	35	36	78	431	64	77
Malaysia.....	612	(D)	186	(D)	(D)	184	49	3	8	5	8	133	(D)	13
New Zealand.....	293	20	19	(*)	273	19	19	8	12	4	13	155	59	55
Philippines.....	600	78	75	3	522	46	70	-7	14	21	19	366	28	20
Singapore.....	2,309	1,267	1,157	110	1,042	64	211	-2	32	34	45	695	29	28
Taiwan.....	1,699	411	194	217	1,288	495	144	1	57	56	66	531	50	71
Thailand.....	566	93	86	8	473	199	39	(*)	17	17	14	189	32	24
Other.....	1,842	(D)	13	(D)	(D)	1,098	377	-6	3	9	29	204	(D)	7
International organizations and unallocated	3,482	90	90	0	3,394	0	6	42	197	155	(*)	190	3,156	102
Addenda:														
European Union ¹	31,916	13,360	8,507	4,853	18,559	802	5,084	196	2,505	2,309	1,134	7,947	3,396	4,895
Eastern Europe ²	1,745	85	80	3	1,663	394	162	-4	44	48	69	838	204	142

See footnotes at the end of the table.

Table 5.3.—Other Private Services, 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	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum
							Net	Premiums	Losses				Film and tape rentals	
All countries	46,117	22,588	12,076	10,512	23,529	1,829	3,404	3,206	21,568	18,362	6,605	8,061	425	154
Canada	4,855	2,251	746	1,504	2,605	13	193	293	723	430	223	1,699	184	36
Europe	20,792	12,797	7,013	5,784	7,995	1,060	2,098	-250	9,510	9,760	1,454	3,488	145	81
Belgium-Luxembourg.....	669	393	330	63	275	15	54	61	151	90	33	100	12	(D)
France	2,377	1,493	662	831	882	132	116	-239	664	425	92	239	16	10
Germany.....	2,826	1,529	627	902	1,297	57	142	556	2,381	1,825	117	412	13	3
Italy	690	215	96	119	475	142	41	18	123	105	118	146	10	11
Netherlands.....	718	950	250	700	-232	18	65	-500	(D)	(D)	40	131	13	9
Norway.....	242	96	10	85	146	3	22	3	14	11	76	42	1	0
Spain.....	567	192	169	22	375	161	40	10	14	4	62	96	6	3
Sweden.....	365	(D)	(D)	226	(D)	7	38	-36	84	120	13	75	(D)	1
Switzerland.....	686	650	220	429	36	11	140	-332	749	1,081	61	145	11	7
United Kingdom.....	10,160	6,036	4,105	1,931	4,123	368	1,289	553	4,295	3,742	338	1,524	51	25
Other.....	1,494	(D)	(D)	474	(D)	146	151	-824	(D)	(D)	506	528	(D)	(D)
Latin America and Other Western Hemisphere	8,774	1,900	696	1,204	6,875	473	436	3,095	10,817	7,723	2,195	656	20	9
South and Central America.....	3,649	652	427	225	2,997	409	216	-12	37	49	1,784	583	17	9
Argentina.....	269	79	79	(*)	190	17	27	-9	15	24	76	74	5	5
Brazil.....	465	113	85	28	352	14	52	8	9	1	136	141	1	1
Chile.....	158	(D)	2	(D)	(D)	23	11	0	(*)	(*)	34	24	(D)	(*)
Mexico.....	1,501	338	213	125	1,163	174	42	2	7	4	794	145	6	1
Venezuela.....	169	(D)	14	(D)	(D)	6	10	(*)	(*)	0	71	61	(D)	2
Other.....	1,084	37	34	3	1,047	174	74	-14	5	19	672	138	3	(*)
Other Western Hemisphere.....	5,125	1,247	268	979	3,878	64	220	3,107	10,781	7,674	411	73	3	0
Bermuda.....	3,517	824	137	687	2,693	1	93	2,551	7,811	5,260	10	38	0	0
Other.....	1,608	423	132	291	1,185	63	127	555	2,969	2,414	402	35	3	(*)
Africa	749	164	125	40	585	51	48	(*)	3	2	320	165	1	0
South Africa.....	209	110	104	6	99	8	9	(*)	1	1	52	29	1	0
Other.....	539	54	21	33	485	43	39	(*)	2	1	268	135	0	0
Middle East	1,190	349	332	17	841	35	52	(*)	7	7	391	360	4	3
Israel.....	495	286	277	10	209	33	8	-3	1	3	90	81	0	0
Saudi Arabia.....	250	24	24	0	226	0	25	1	(*)	0	72	125	3	3
Other.....	442	39	32	7	403	1	16	2	7	4	229	154	1	0
Asia and Pacific	9,571	5,111	3,147	1,963	4,460	196	577	86	490	404	1,863	1,689	48	(D)
Australia.....	925	519	421	98	405	68	53	-41	189	231	115	205	6	3
China.....	455	125	111	14	330	14	1	3	2	2	225	88	1	1
Hong Kong.....	1,249	935	791	144	314	2	85	19	4	-15	104	103	1	1
India.....	570	(D)	16	(D)	(D)	4	16	-2	2	4	317	175	(D)	(*)
Indonesia.....	107	11	10	1	96	1	12	1	1	0	54	28	0	0
Japan.....	3,856	2,645	1,266	1,379	1,212	32	200	109	269	160	181	677	13	(D)
Korea.....	373	109	59	50	264	3	30	2	14	12	135	94	0	1
Malaysia.....	92	52	45	7	40	0	9	0	(*)	(*)	19	12	0	0
New Zealand.....	110	42	41	(*)	68	10	6	0	2	2	37	15	0	(*)
Philippines.....	236	18	18	(*)	218	1	14	1	(*)	-1	138	64	0	0
Singapore.....	623	432	269	163	191	1	87	1	2	1	39	61	2	2
Taiwan.....	335	108	54	54	227	1	20	-1	3	3	126	81	0	0
Thailand.....	163	52	42	10	111	2	10	0	(*)	(*)	57	42	0	0
Other.....	477	(D)	2	(D)	(D)	58	34	-2	2	5	316	43	(D)	0
International organizations and unallocated	186	17	17	0	167	0	0	-18	18	36	159	3	23	(D)
Addenda:														
European Union ¹	19,023	11,992	6,746	5,246	7,028	964	1,890	82	8,744	8,662	936	3,029	128	73
Eastern Europe ²	594	16	14	1	580	47	34	-2	(*)	3	301	199	2	1

* Less than \$500,000.

Ⓚ Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 5.4.—Other Private Services, 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	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum
							Net	Premiums	Losses				Film and tape rentals	
All countries	107,568	31,628	19,604	12,024	75,940	10,287	17,042	2,412	8,898	6,486	3,843	28,026	14,331	8,852
Canada	9,633	4,100	3,010	1,090	5,532	505	1,101	338	1,048	710	352	2,610	626	633
Europe	40,548	16,160	9,665	6,494	24,388	1,808	7,447	111	2,897	2,786	851	9,964	4,208	5,591
Belgium-Luxembourg.....	1,602	(D)	569	(D)	20	279	32	99	67	29	442	(D)	132	
France	4,013	1,683	880	802	2,331	139	650	-108	396	505	63	1,165	422	647
Germany.....	6,011	2,886	1,283	1,603	3,124	198	740	-122	348	469	71	1,286	950	1,050
Italy	2,055	533	406	128	1,521	67	489	25	91	66	49	481	411	459
Netherlands.....	2,966	1,696	1,223	473	1,271	35	495	-1	20	20	100	524	117	862
Norway.....	582	308	194	113	274	48	81	-23	45	69	18	106	44	39
Spain.....	1,560	433	394	39	1,127	86	296	-24	46	70	23	252	494	563
Sweden.....	982	299	58	241	683	102	173	-17	26	43	60	257	108	108
Switzerland.....	2,635	1,327	327	1,000	1,308	39	714	-23	50	74	32	503	43	42
United Kingdom.....	12,199	4,488	3,283	1,205	7,712	171	2,939	304	1,461	1,157	271	3,103	923	1,235
Other.....	5,943	(D)	1,048	(D)	(D)	902	591	69	315	246	135	1,846	(D)	453
Latin America and Other Western Hemisphere	19,792	2,430	1,670	760	17,362	1,254	5,195	911	2,512	1,601	1,019	4,490	4,493	722
South and Central America.....	13,345	1,389	1,189	200	11,956	974	1,550	173	721	548	916	3,943	4,400	695
Argentina.....	1,131	136	124	12	995	60	266	49	181	132	47	457	116	83
Brazil.....	1,662	(D)	214	(D)	174	333	9	44	35	114	552	(D)	237	
Chile.....	571	40	22	18	531	29	81	16	63	47	40	321	45	26
Mexico.....	6,399	721	625	97	5,677	214	383	50	176	125	491	959	3,580	186
Venezuela.....	943	94	91	3	849	103	97	-4	31	35	39	515	99	94
Other.....	2,637	(D)	113	(D)	394	390	52	226	174	185	1,138	(D)	67	
Other Western Hemisphere.....	6,448	1,041	481	560	5,407	280	3,645	738	1,790	1,052	104	547	93	27
Bermuda.....	1,679	513	159	354	1,166	11	799	142	740	598	8	197	8	(D)
Other.....	4,768	528	323	205	4,240	269	2,846	596	1,050	454	95	350	84	(D)
Africa	2,892	331	294	37	2,561	603	221	-10	22	32	200	1,455	92	89
South Africa.....	561	76	74	2	486	43	57	-4	9	14	98	203	89	81
Other.....	2,329	255	220	35	2,074	559	164	-6	13	18	102	1,252	3	8
Middle East	3,592	304	148	156	3,288	452	510	(*)	71	71	174	2,017	135	111
Israel.....	659	(D)	44	(D)	64	105	12	58	46	87	229	(D)	61	
Saudi Arabia.....	1,561	(D)	3	(D)	103	94	0	2	2	22	1,202	(D)	31	
Other.....	1,370	109	101	8	1,261	285	311	-12	11	22	64	586	27	19
Asia and Pacific	27,513	8,206	4,720	3,486	19,307	5,665	2,560	1,017	2,153	1,136	1,248	7,414	1,403	1,485
Australia.....	1,975	549	462	87	1,424	60	282	-31	146	177	221	631	262	332
China.....	2,121	(D)	202	(D)	895	113	-3	21	24	75	678	(D)	12	
Hong Kong.....	1,930	859	765	94	1,071	124	285	11	39	28	98	511	42	42
India.....	1,130	42	42	(*)	1,088	696	50	-3	3	5	110	216	19	7
Indonesia.....	827	63	62	(*)	764	186	32	13	10	-3	27	485	21	13
Japan.....	9,730	4,034	1,357	2,677	5,698	904	774	1,020	1,783	763	253	2,217	530	756
Korea.....	1,830	274	171	103	1,556	677	215	16	44	27	109	451	88	107
Malaysia.....	561	174	167	6	387	149	63	(*)	5	5	28	134	13	8
New Zealand.....	321	19	18	1	302	21	26	6	8	1	18	170	61	57
Philippines.....	509	77	75	2	432	52	59	9	11	2	33	250	30	21
Singapore.....	2,613	1,388	1,073	315	1,225	70	262	-28	15	43	103	792	26	25
Taiwan.....	1,551	339	209	129	1,212	480	219	5	55	51	100	354	53	78
Thailand.....	564	111	107	4	453	180	34	5	13	8	20	186	28	20
Other.....	1,847	(D)	8	(D)	(D)	1,172	146	-3	2	5	51	338	(D)	4
International organizations and unallocated	3,601	97	97	0	3,504	0	8	45	196	150	(*)	80	3,375	222
Addenda:														
European Union ¹	34,582	14,364	9,002	5,362	20,219	834	6,484	141	2,728	2,587	730	8,250	3,780	5,257
Eastern Europe ²	1,793	119	101	18	1,675	449	102	12	56	44	47	823	243	181

See footnotes at the end of the table.

Table 5.4.—Other Private Services, 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	Education	Financial services	Insurance			Telecommunications	Business, professional, and technical services	Other services	Addendum Film and tape rentals
							Net	Premiums	Losses					
All countries	54,687	25,300	12,980	12,320	29,387	2,140	4,482	9,189	27,923	18,734	5,360	7,776	440	149
Canada	4,555	2,165	778	1,387	2,389	14	227	217	698	482	222	1,541	168	20
Europe	26,649	15,059	7,555	7,504	11,590	1,240	2,922	3,023	11,377	8,355	700	3,550	154	80
Belgium-Luxembourg.....	735	(D)	(D)	60	(D)	18	86	75	114	39	16	99	(D)	(D)
France.....	3,695	2,468	567	1,901	1,228	154	179	516	795	279	46	317	16	8
Germany.....	2,952	2,082	702	1,380	868	67	246	20	2,423	2,403	92	431	12	2
Italy.....	830	251	137	114	579	166	97	86	99	13	54	163	13	8
Netherlands.....	1,482	1,141	236	905	341	22	129	27	(D)	(D)	25	129	10	6
Norway.....	165	107	15	92	58	3	16	1	14	13	11	26	1	0
Spain.....	657	245	228	18	412	198	57	13	19	6	32	108	5	2
Sweden.....	440	260	63	197	180	7	70	7	111	105	14	71	11	(D)
Switzerland.....	1,578	1,011	269	742	567	12	224	66	1,088	1,022	27	233	5	1
United Kingdom.....	11,730	5,913	4,369	1,545	5,819	422	1,591	2,208	4,792	2,583	106	1,439	53	22
Other.....	2,380	(D)	(D)	549	(D)	172	227	4	(D)	(D)	275	534	(D)	(D)
Latin America and Other Western Hemisphere	12,013	2,492	908	1,584	9,521	531	416	5,763	15,114	9,350	2,202	589	20	9
South and Central America.....	3,833	773	566	207	3,060	458	161	-20	71	91	1,911	533	16	8
Argentina.....	234	104	103	1	130	19	21	-10	18	28	70	2	2	2
Brazil.....	419	108	98	9	311	16	41	(*)	(D)	(D)	123	131	0	(*)
Chile.....	129	53	5	48	76	26	4	1	3	2	26	19	0	(*)
Mexico.....	1,983	476	331	145	1,506	195	52	5	16	11	1,109	139	6	1
Venezuela.....	136	10	8	2	125	7	8	-1	0	1	54	52	5	5
Other.....	934	22	21	1	912	196	35	-15	(D)	(D)	572	122	3	(*)
Other Western Hemisphere.....	8,180	1,719	343	1,376	6,461	73	255	5,783	15,042	9,259	291	56	4	1
Bermuda.....	6,139	1,283	233	1,049	4,856	1	99	4,724	10,576	5,852	7	25	0	0
Other.....	2,041	436	109	327	1,605	71	156	1,059	4,467	3,407	284	31	4	1
Africa	672	130	125	5	542	61	31	-1	4	5	222	228	1	(*)
South Africa.....	211	(D)	(D)	2	(D)	(D)	14	-1	2	4	43	43	1	(*)
Other.....	461	(D)	(D)	3	(D)	(D)	17	1	2	1	178	186	0	0
Middle East	954	358	340	19	596	57	53	2	9	7	234	249	1	(*)
Israel.....	499	310	297	13	189	55	15	-2	5	8	44	77	0	0
Saudi Arabia.....	152	3	3	0	149	0	19	0	(*)	(*)	37	93	0	(*)
Other.....	300	45	39	6	255	2	17	4	3	-1	153	78	1	0
Asia and Pacific	9,572	5,064	3,243	1,821	4,508	235	833	142	633	491	1,614	1,615	69	39
Australia.....	862	439	366	73	424	88	58	26	138	112	75	173	4	1
China.....	409	172	162	9	237	16	1	(*)	2	1	119	101	0	(*)
Hong Kong.....	1,297	1,053	854	199	244	2	94	8	5	-3	44	96	0	(*)
India.....	789	(D)	44	(D)	(D)	(D)	27	-1	1	2	506	165	0	(*)
Indonesia.....	89	8	8	(*)	81	1	9	1	1	0	34	36	0	0
Japan.....	3,725	2,481	1,182	1,299	1,245	37	318	81	421	340	98	672	39	37
Korea.....	391	168	133	35	223	3	45	6	14	8	77	92	0	1
Malaysia.....	94	57	54	3	37	0	11	0	(*)	(*)	15	11	0	0
New Zealand.....	143	(D)	19	(D)	(D)	(D)	43	3	5	2	41	9	0	(*)
Philippines.....	206	17	17	(*)	189	1	(D)	(D)	(D)	(D)	121	44	0	0
Singapore.....	553	383	332	51	170	1	88	(*)	3	2	33	48	0	(*)
Taiwan.....	279	124	37	88	155	1	31	2	5	3	54	67	0	(*)
Thailand.....	115	30	25	5	85	3	9	(*)	1	1	27	46	0	0
Other.....	610	10	9	1	600	65	(D)	(D)	(D)	(D)	368	54	26	0
International organizations and unallocated	273	32	32	0	243	0	0	44	88	45	167	4	28	1
Addenda:														
European Union ¹	24,194	13,849	7,208	6,641	10,346	1,130	2,607	2,962	10,274	7,312	456	3,047	144	78
Eastern Europe ²	426	41	41	(*)	385	53	25	-3	(*)	4	138	171	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 6.1.—Insurance, 1997
[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries	2,473	6,118	3,645	444	865	421	2,029	5,253	3,224	5,873	15,211	9,338	1,558	1,644	86	4,315	13,567	9,252
Canada	389	996	606	83	186	103	306	810	504	518	1,077	559	108	108	(*)	411	969	559
Europe	1,003	2,553	1,550	163	222	59	840	2,331	1,491	1,835	6,925	5,090	1,149	1,188	40	687	5,737	5,050
Belgium-Luxembourg.....	53	98	45	2	5	3	51	94	43	35	80	45	14	14	(*)	21	66	45
France	131	220	89	7	12	5	125	209	84	319	561	242	88	88	1	232	473	241
Germany	214	469	255	11	17	6	203	452	249	162	1,311	1,149	33	33	(*)	129	1,278	1,149
Italy	39	78	39	3	5	2	36	73	37	0	70	71	3	3	(*)	-3	68	71
Netherlands	-38	41	79	2	5	3	-40	37	77	-109	32	141	(*)	(*)	(*)	-110	31	141
Norway	11	49	37	(D)	(D)	5	(D)	(D)	32	1	15	14	7	10	2	-6	5	11
Spain	16	24	8	2	4	2	13	20	6	2	7	5	(*)	(*)	(*)	2	7	5
Sweden	10	28	18	2	4	2	8	24	16	-9	72	80	1	1	(*)	-10	70	80
Switzerland.....	-1	55	56	2	4	2	-3	51	53	-247	591	839	28	34	6	-276	557	833
United Kingdom	518	1,333	815	115	137	23	403	1,196	793	1,755	3,694	1,939	964	995	31	791	2,699	1,908
Other	50	157	107	(D)	(D)	7	(D)	(D)	101	-74	492	566	10	10	(*)	-84	481	566
Latin America and Other Western Hemisphere	600	1,391	791	130	191	60	470	1,201	731	3,265	6,644	3,378	280	325	45	2,985	6,318	3,333
South and Central America.....	163	595	433	115	172	57	47	423	376	-11	45	55	25	26	(*)	-36	19	55
Argentina.....	4	115	111	33	45	12	-29	70	99	-5	(D)	(*)	(*)	(*)	(*)	-5	(D)	(D)
Brazil	8	26	18	10	13	2	-3	13	16	-8	1	8	(*)	(*)	(*)	-8	(*)	8
Chile	20	80	61	6	7	1	14	74	60	-1	1	2	1	1	(*)	-2	(*)	2
Mexico	47	114	67	22	31	9	25	82	58	-4	2	7	(*)	(*)	(*)	-5	(D)	7
Venezuela	11	29	17	9	10	1	3	19	16	-1	4	6	(D)	(D)	(*)	-6	(D)	(D)
Other	73	232	159	36	67	32	37	164	127	9	(D)	(D)	(D)	(D)	(*)	-10	(D)	(D)
Other Western Hemisphere.....	438	796	358	15	18	3	423	778	355	3,276	6,599	3,323	255	300	45	3,021	6,299	3,278
Bermuda.....	66	364	298	4	4	1	62	360	298	2,469	4,357	1,887	242	287	45	2,227	4,070	1,843
Other	372	432	60	11	14	3	361	418	57	806	2,242	1,436	12	13	1	794	2,229	1,435
Africa	7	16	9	2	3	1	5	13	8	5	8	2	2	2	(*)	3	6	2
South Africa	4	8	4	1	1	(*)	3	7	4	-1	1	2	2	(*)	(*)	-1	1	2
Other	4	9	5	1	3	1	2	6	4	6	6	1	2	2	(*)	4	5	(*)
Middle East	13	50	37	2	2	(*)	11	48	37	3	6	4	2	2	(*)	1	4	4
Israel	(*)	35	34	(*)	1	(*)	0	34	34	-1	1	2	(*)	(*)	(*)	-1	1	2
Saudi Arabia	2	3	1	1	1	0	1	3	2	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Other	10	12	2	1	1	(*)	10	11	2	4	5	1	2	2	(*)	2	3	1
Asia and Pacific	394	894	501	26	82	56	368	812	444	200	514	314	19	19	(*)	181	495	314
Australia	32	117	85	-4	19	23	36	98	62	83	188	105	9	9	(*)	75	180	105
China	-14	14	28	(*)	(*)	(*)	-15	14	28	-14	1	15	(*)	(*)	(*)	-14	1	15
Hong Kong	12	37	25	1	(D)	(D)	11	(D)	(D)	19	6	-13	3	3	(*)	16	3	-13
India	(*)	7	7	0	1	1	(*)	6	6	1	3	2	(*)	(*)	(*)	1	3	2
Indonesia	-2	15	17	1	1	(*)	-3	14	16	3	3	(*)	1	1	(*)	2	2	(*)
Japan	287	484	197	7	11	5	280	472	192	93	272	179	5	5	(*)	89	267	179
Korea	6	23	18	1	5	3	5	19	14	4	9	5	(*)	(*)	(*)	3	9	5
Malaysia	3	13	9	1	1	(*)	3	12	9	-1	(*)	1	(*)	(*)	(*)	-1	(*)	1
New Zealand	9	13	4	1	1	(*)	9	12	3	10	12	1	(*)	(*)	(*)	10	11	1
Philippines	5	15	10	0	2	2	5	13	8	-4	1	5	(*)	(*)	(*)	-4	1	5
Singapore	20	30	10	8	(D)	(D)	11	(D)	(D)	-1	6	7	(*)	(*)	(*)	-1	6	7
Taiwan	28	111	83	10	12	3	19	99	80	0	5	5	(*)	(*)	(*)	-1	4	5
Thailand	8	14	6	1	1	(*)	7	13	6	3	5	1	(*)	(*)	(*)	3	5	1
Other	0	2	2	(*)	(*)	0	-1	1	2	2	3	1	(*)	(*)	(*)	2	3	1
International organizations and unallocated	66	216	150	38	178	140	28	38	10	47	38	-10	(*)	(*)	0	47	38	-10
Addenda:																		
European Union ¹	979	2,418	1,438	147	198	51	833	2,220	1,387	2,078	6,317	4,240	1,112	1,144	32	966	5,174	4,208
Eastern Europe ²	11	25	13	(*)	1	1	11	23	12	3	1	-2	(*)	(*)	(*)	3	(*)	-2

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.2.—Insurance, 1998

[Millions of dollars]

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

* Less than \$500,000.

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

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.3.—Insurance, 1999
[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries	1,299	7,282	5,983	687	1,084	397	612	6,198	5,586	3,206	21,568	18,362	1,364	1,548	184	1,842	20,020	18,178
Canada	207	923	716	28	95	67	180	828	649	293	723	430	42	42	(*)	251	681	430
Europe	157	2,679	2,522	105	161	57	52	2,518	2,465	-250	9,510	9,760	1,152	1,189	36	-1,402	8,321	9,723
Belgium-Luxembourg.....	18	101	83	1	2	1	17	99	82	61	151	90	3	3	(*)	58	148	90
France	101	348	247	3	5	2	98	343	245	239	664	425	43	43	(*)	196	621	425
Germany	-15	350	365	5	7	2	-20	343	362	556	2,381	1,825	34	34	(*)	522	2,347	1,825
Italy	21	106	86	2	(*)	19	(*)	104	85	18	123	105	7	7	(*)	11	116	105
Netherlands	7	36	29	7	4	-3	-1	32	33	-500	(D)	(D)	(*)	(*)	(*)	-500	(D)	(D)
Norway	-31	44	75	-1	5	5	-31	39	70	3	14	11	9	9	(*)	-6	5	11
Spain	-5	44	50	(D)	(D)	0	(D)	(D)	50	10	14	4	(*)	(*)	(*)	9	13	4
Sweden	-13	17	31	1	1	0	-14	17	31	-36	84	120	(*)	(*)	(*)	-36	84	120
Switzerland.....	-4	68	71	(D)	(D)	6	(D)	(D)	65	-332	749	1,081	7	12	5	-339	737	1,076
United Kingdom	92	1,378	1,286	64	95	30	27	1,283	1,256	553	4,295	3,742	1,046	1,077	31	-493	3,218	3,711
Other	-12	188	200	(*)	13	13	-12	174	186	-824	(D)	(D)	3	3	(*)	-826	(D)	(D)
Latin America and Other Western Hemisphere	681	2,452	1,771	527	573	46	154	1,879	1,725	3,095	10,817	7,723	143	290	147	2,951	10,527	7,576
South and Central America.....	174	700	526	(D)	(D)	39	(D)	(D)	487	-12	37	49	2	2	(*)	-14	35	49
Argentina.....	99	230	131	80	84	4	18	145	127	-9	15	24	(*)	(*)	(*)	-9	15	24
Brazil	7	21	15	8	9	2	-1	12	13	8	9	1	(*)	(*)	(*)	8	9	1
Chile	6	57	51	(D)	(D)	1	(D)	(D)	50	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Mexico	72	149	77	30	34	4	42	115	73	2	7	4	1	1	(*)	6	4	4
Venezuela	-11	23	34	2	3	1	-13	20	33	(*)	(*)	0	(*)	(*)	0	(*)	0	0
Other	1	220	219	28	55	27	-26	166	192	-14	5	19	(*)	(*)	(*)	-15	5	19
Other Western Hemisphere	507	1,752	1,245	(D)	(D)	7	(D)	(D)	1,238	3,107	10,781	7,674	142	288	147	2,965	10,492	7,527
Bermuda	15	954	939	4	4	1	11	949	938	2,551	7,811	5,260	141	277	135	2,410	7,534	5,124
Other	492	798	306	(D)	(D)	6	(D)	(D)	300	555	2,969	2,414	11	11	11	555	2,958	2,403
Africa	-18	11	29	2	2	1	-20	9	29	(*)	3	2	1	1	(*)	-1	1	2
South Africa	2	5	3	(*)	(*)	(*)	2	5	3	(*)	1	1	1	(*)	(*)	0	1	1
Other	-20	6	26	1	2	1	-22	4	26	(*)	2	1	(*)	(*)	(*)	-1	1	1
Middle East	-11	71	82	-1	2	3	-10	69	80	(*)	7	7	5	5	(*)	-5	2	7
Israel	11	42	31	-1	1	2	12	41	29	-3	1	3	(*)	(*)	(*)	-3	(*)	3
Saudi Arabia	-1	3	3	0	(*)	(*)	-1	2	3	1	(*)	0	(*)	(*)	(*)	1	(*)	0
Other	-22	26	48	(*)	(*)	(*)	-22	26	48	2	7	4	5	5	(*)	-2	2	4
Asia and Pacific	241	949	708	46	134	88	195	815	620	86	490	404	21	21	(*)	65	469	404
Australia	4	160	156	2	49	48	2	110	108	-41	189	231	5	5	(*)	-46	184	230
China	(*)	17	17	-1	2	3	1	15	14	1	3	2	2	2	(*)	-1	1	2
Hong Kong	20	34	14	(D)	(D)	7	(D)	(D)	7	19	4	-15	(D)	(D)	(D)	(D)	(D)	-15
India	0	6	6	(*)	(*)	(*)	0	6	6	-2	2	4	(*)	(*)	(*)	-2	2	4
Indonesia	-6	5	11	(*)	(*)	1	-6	4	10	1	1	0	1	1	(*)	(*)	(*)	0
Japan	226	548	322	(D)	(D)	2	(D)	(D)	320	109	269	160	(D)	(D)	(D)	(D)	(D)	160
Korea	-1	35	36	8	12	4	-9	23	32	2	14	12	(*)	(*)	(*)	2	14	12
Malaysia	3	8	5	1	1	0	3	7	5	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
New Zealand	8	12	4	(*)	(*)	1	8	11	4	0	2	2	(*)	(*)	(*)	0	2	2
Philippines	-7	14	21	1	1	1	-7	13	20	1	(*)	-1	(*)	(*)	(*)	1	(*)	-1
Singapore	-2	32	34	8	(D)	(D)	-9	(D)	(D)	1	2	1	(*)	(*)	(*)	(*)	2	2
Taiwan	1	57	56	-1	(D)	(D)	2	(D)	(D)	-1	3	3	(*)	(*)	(*)	-1	2	3
Thailand	(*)	17	17	-2	2	5	3	15	12	0	(*)	(*)	(*)	(*)	(*)	0	(*)	(*)
Other	-6	3	9	(*)	(*)	(*)	-6	3	9	-2	2	5	(*)	(*)	(*)	-3	2	5
International organizations and unallocated	42	197	155	-20	117	137	62	80	18	-18	18	36	(*)	(*)	0	-18	18	36
Addenda:																		
European Union ¹	196	2,505	2,309	83	127	44	113	2,378	2,265	82	8,744	8,662	1,136	1,167	31	-1,054	7,577	8,631
Eastern Europe ²	-4	44	48	1	1	(*)	-5	43	47	-2	(*)	3	(*)	(*)	(*)	-3	(*)	3

* Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 6.4.—Insurance, 2000

[Millions of dollars]

	Receipts									Payments								
	Total			Primary insurance			Reinsurance			Total			Primary insurance			Reinsurance		
	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums received	Losses paid	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered	Net	Premiums paid	Losses recovered
All countries	2,412	8,898	6,486	817	1,322	505	1,595	7,576	5,981	9,189	27,923	18,734	1,602	1,804	202	7,587	26,119	18,532
Canada	338	1,048	710	85	135	50	253	913	660	217	698	482	69	69	(*)	147	629	482
Europe	111	2,897	2,786	102	208	106	9	2,689	2,680	3,023	11,377	8,355	1,198	1,248	50	1,824	10,129	8,305
Belgium-Luxembourg.....	32	99	67	1	1	1	31	98	66	75	114	39	5	5	0	71	109	39
France.....	-108	396	505	5	6	1	-113	390	503	516	795	279	11	13	3	505	782	277
Germany.....	-122	348	469	6	9	3	-128	339	467	20	2,423	2,403	18	19	1	2	2,404	2,402
Italy.....	25	91	66	1	2	1	23	89	66	86	99	13	1	1	0	85	98	13
Netherlands.....	-1	20	20	5	5	(*)	-6	14	20	27	(D)	(D)	(*)	(*)	0	26	(D)	(D)
Norway.....	-23	45	69	5	8	3	-28	38	66	1	14	13	6	6	(*)	-6	8	13
Spain.....	-24	46	70	1	1	(*)	-25	45	70	13	19	6	(*)	(*)	0	13	19	6
Sweden.....	-17	26	43	2	2	(*)	-19	24	43	7	111	105	4	4	0	3	108	105
Switzerland.....	-23	50	74	-1	1	2	-23	49	72	66	1,088	1,022	22	22	0	45	1,066	1,022
United Kingdom.....	304	1,461	1,157	78	130	52	226	1,330	1,105	2,208	4,792	2,583	1,131	1,177	47	1,078	3,614	2,537
Other.....	69	315	246	-1	43	43	69	273	203	4	(D)	(D)	1	1	(*)	3	(D)	(D)
Latin America and Other Western Hemisphere	911	2,512	1,601	596	697	101	315	1,815	1,500	5,763	15,114	9,350	318	469	151	5,445	14,645	9,199
South and Central America.....	173	721	548	(D)	(D)	81	(D)	(D)	467	-20	71	91	2	2	0	-22	70	91
Argentina.....	49	181	132	1	24	23	48	157	109	-10	18	28	(*)	(*)	0	-10	18	28
Brazil.....	9	44	35	5	8	3	4	36	32	(*)	(D)	(D)	(*)	(*)	0	(*)	(D)	(D)
Chile.....	16	63	47	7	10	3	9	53	45	1	3	2	(*)	(*)	0	1	3	2
Mexico.....	50	176	125	27	51	24	23	124	101	5	16	11	2	2	0	3	15	11
Venezuela.....	-4	31	35	5	7	2	-8	24	33	-1	0	1	(*)	(*)	0	-1	0	1
Other.....	52	226	174	(D)	(D)	25	(D)	(D)	148	-15	(D)	(D)	(*)	(*)	0	-16	(D)	(D)
Other Western Hemisphere.....	738	1,790	1,052	(D)	(D)	20	(D)	(D)	1,033	5,783	15,042	9,259	316	467	151	5,467	14,575	9,108
Bermuda.....	142	740	598	9	7	-2	133	733	600	4,724	10,576	5,852	304	455	151	4,420	10,120	5,701
Other.....	596	1,050	454	(D)	(D)	(D)	(D)	(D)	433	1,059	4,467	3,407	12	12	0	1,048	4,455	3,407
Africa	-10	22	32	3	3	(*)	-13	18	32	-1	4	5	1	1	0	-2	3	5
South Africa.....	-4	9	14	(*)	(*)	(*)	-5	9	13	-1	2	4	(*)	(*)	0	-1	2	4
Other.....	-6	13	18	3	3	(*)	-9	10	18	1	2	1	1	1	0	-1	(*)	1
Middle East	(*)	71	71	2	3	1	-2	68	70	2	9	7	2	2	0	(*)	7	7
Israel.....	12	58	46	1	1	11	56	46	46	-2	5	8	(*)	(*)	0	-2	5	8
Saudi Arabia.....	0	2	2	(*)	(*)	(*)	0	2	2	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)
Other.....	-12	11	22	1	1	(*)	-12	10	22	4	3	-1	2	2	0	3	2	-1
Asia and Pacific	1,017	2,153	1,136	43	149	106	974	2,004	1,030	142	633	491	14	14	1	128	618	491
Australia.....	-31	146	177	10	40	30	-40	107	147	26	138	112	5	5	1	21	133	111
China.....	-3	21	24	1	6	5	-3	15	18	(*)	2	1	(*)	(*)	0	0	1	1
Hong Kong.....	11	39	28	(D)	(D)	6	(D)	(D)	22	8	5	-3	3	3	0	6	3	-3
India.....	-3	3	5	(*)	(*)	1	(*)	-3	2	-1	1	2	(*)	(*)	0	-1	1	2
Indonesia.....	13	10	-3	(*)	3	2	12	7	-5	1	1	0	(*)	(*)	0	1	1	0
Japan.....	1,020	1,783	763	(D)	(D)	4	(D)	(D)	760	81	421	340	4	4	0	77	417	340
Korea.....	16	44	27	9	15	6	7	28	21	6	14	8	1	1	0	4	12	8
Malaysia.....	(*)	5	5	1	1	(*)	-1	4	5	0	(*)	(*)	(*)	(*)	0	0	(*)	(*)
New Zealand.....	6	8	1	1	1	6	6	6	(*)	3	5	2	(*)	(*)	0	3	5	2
Philippines.....	9	11	2	-2	1	3	10	9	-1	(D)	(D)	(D)	(*)	(*)	0	(D)	(D)	(D)
Singapore.....	-28	15	43	(D)	(D)	(D)	(D)	(D)	(D)	(*)	3	2	(*)	(*)	0	(*)	3	2
Taiwan.....	5	55	51	9	(D)	(D)	-4	(D)	(D)	2	5	3	(*)	(*)	0	2	5	3
Thailand.....	5	13	8	(*)	(*)	(*)	5	12	8	(*)	1	1	(*)	(*)	0	(*)	1	1
Other.....	-3	2	5	(*)	(*)	(*)	-3	1	5	(D)	(D)	(D)	(*)	(*)	0	(D)	(D)	(D)
International organizations and unallocated	45	196	150	-14	126	140	59	70	11	44	88	45	(*)	(*)	0	44	88	45
Addenda:																		
European Union ¹	141	2,728	2,587	103	171	68	38	2,557	2,518	2,962	10,274	7,312	1,170	1,220	50	1,792	9,053	7,262
Eastern Europe ²	12	56	44	-4	(D)	(D)	16	(D)	(D)	-3	(*)	(*)	(*)	(*)	-3	(*)	(*)	4

* Less than \$500,000.

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

1. See table 2, footnote 2.

2. See table 2, footnote 3.

Table 7.1.—Business, Professional, and Technical Services, Unaffiliated, 1997

	Receipts										Payments											
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries	21,547	607	2,011	1,479	893	1,632	2,223	3,503	1,186	3,369	4,645	6,407	773	636	128	564	687	539	463	211	307	2,099
Canada	1,879	114	227	162	63	160	162	99	87	240	566	1,197	50	431	6	54	80	33	61	44	60	378
Europe	7,420	267	875	703	361	623	1,211	717	187	937	1,539	2,708	303	104	84	320	249	275	220	49	173	931
Belgium-Luxembourg	234	4	33	25	22	9	70	4	2	34	31	81	14	7	(*)	5	9	7	(D)	1	2	(D)
France	750	42	98	79	28	51	214	19	9	96	115	220	32	7	(D)	21	13	19	3	4	7	(D)
Germany	921	42	145	99	68	80	158	48	18	123	139	295	63	14	3	35	20	45	10	19	11	76
Italy	329	25	28	95	27	17	38	11	4	45	39	75	16	1	(*)	10	3	8	1	2	2	30
Netherlands	500	9	85	30	14	27	42	16	(D)	110	(D)	117	5	6	11	20	8	7	34	(*)	3	23
Norway	89	1	21	6	2	3	12	1	2	11	30	15	2	(*)	(*)	4	1	4	(*)	3	2	(*)
Spain	237	12	28	21	8	6	12	10	20	54	67	69	26	9	7	3	3	9	(*)	(*)	12	(*)
Sweden	280	(D)	39	24	38	15	23	2	8	37	(D)	27	3	1	(*)	7	1	5	(*)	1	3	6
Switzerland	408	17	45	36	64	33	46	(D)	(D)	36	94	124	13	4	3	25	14	8	4	1	5	47
United Kingdom	2,210	66	264	175	46	173	467	(D)	26	243	465	1,274	106	47	42	103	147	128	81	14	133	473
Other	1,462	(D)	88	115	43	208	130	(D)	34	149	386	410	22	9	(D)	87	30	37	(D)	6	5	134
Latin America and Other Western Hemisphere	3,147	112	207	149	30	231	143	460	147	412	1,256	480	44	9	3	32	89	61	33	2	7	200
South and Central America	2,846	68	195	132	27	210	104	430	139	382	1,161	444	42	7	2	30	86	54	31	2	6	184
Argentina	299	4	19	15	2	8	11	23	24	17	176	43	2	(*)	(*)	3	3	7	(D)	(*)	(*)	(D)
Brazil	559	9	74	25	5	67	17	49	11	74	227	105	16	2	1	12	32	15	5	5	2	21
Chile	209	(D)	4	7	(*)	4	10	68	(D)	5	60	21	2	(*)	(*)	2	2	2	1	(*)	(*)	12
Mexico	796	15	57	54	9	53	30	104	12	219	243	136	8	3	(*)	4	20	14	9	1	3	75
Venezuela	257	1	18	11	1	12	14	100	19	21	59	16	1	1	(*)	2	4	(*)	(*)	(*)	(*)	7
Other	726	(D)	22	20	10	67	22	86	(D)	45	396	122	13	1	(*)	9	26	12	(D)	(D)	1	(D)
Other Western Hemisphere	301	44	13	17	3	21	39	31	8	30	95	36	1	2	1	2	3	7	2	1	1	16
Bermuda	54	(D)	2	5	1	3	18	(*)	(*)	(D)	19	1	1	1	1	1	2	2	2	1	1	7
Other	247	(D)	11	12	2	18	21	31	8	30	(D)	17	1	1	1	1	2	4	(*)	(*)	(*)	8
Africa	825	3	35	45	19	135	8	300	42	65	173	171	6	1	4	26	34	6	24	3	1	65
South Africa	117	1	23	30	4	12	4	9	(*)	16	19	21	3	1	1	1	2	2	(*)	(*)	10	10
Other	707	2	12	15	14	123	4	291	41	50	155	150	2	(*)	3	25	32	3	24	3	1	55
Middle East	1,667	6	53	67	19	124	65	616	120	496	99	296	13	7	1	(D)	(D)	9	(D)	(*)	5	51
Israel	176	4	12	9	5	17	23	14	(D)	49	(D)	102	1	2	(*)	(D)	2	4	4	(*)	(*)	(D)
Saudi Arabia	849	1	32	22	11	64	11	205	(D)	379	(D)	79	2	4	(*)	(D)	1	2	(*)	(*)	2	(D)
Other	641	1	9	35	2	44	32	398	(D)	68	(D)	114	10	(*)	(*)	2	7	4	(D)	(*)	2	(D)
Asia and Pacific	6,480	103	613	353	398	354	634	1,309	602	1,213	900	1,556	358	84	30	(D)	(D)	155	(D)	113	61	473
Australia	473	11	94	76	30	49	40	5	10	88	69	170	21	11	1	9	22	21	5	1	4	74
China	497	2	23	6	5	10	19	170	52	81	130	53	5	2	2	2	6	8	1	1	2	25
Hong Kong	310	11	24	24	7	12	77	19	1	35	100	134	10	11	1	1	6	26	1	6	72	(D)
India	90	1	12	19	4	15	2	2	10	9	15	41	4	8	1	3	5	2	(*)	(D)	1	(D)
Indonesia	753	1	10	5	10	24	9	602	9	46	37	40	2	1	(*)	5	8	3	2	(*)	1	17
Japan	2,113	51	290	110	238	128	372	106	219	412	186	716	261	20	16	24	29	57	24	(D)	19	(D)
Korea	599	7	53	19	36	11	57	146	51	166	52	79	18	4	1	4	13	14	1	4	3	18
Malaysia	244	1	16	7	3	7	2	60	(D)	38	(D)	20	2	1	(*)	(*)	2	1	(*)	(*)	2	(D)
New Zealand	120	1	8	19	3	2	4	0	1	23	59	19	4	1	(*)	(D)	1	4	(*)	(*)	7	(*)
Philippines	235	2	12	5	3	26	3	114	1	40	30	59	2	9	2	3	28	2	3	(*)	1	8
Singapore	193	5	23	33	7	6	13	12	9	65	20	57	8	5	4	1	3	6	7	2	6	16
Taiwan	396	8	35	11	33	3	24	22	(D)	84	(D)	71	14	9	(*)	4	2	8	2	(*)	(D)	(D)
Thailand	196	2	10	10	13	16	5	43	(D)	51	(D)	64	3	2	1	(D)	(D)	2	4	(*)	2	(D)
Other	260	(*)	3	7	6	47	5	10	25	75	81	32	3	(*)	1	(D)	4	2	(D)	(D)	15	(D)
International organizations and unallocated	129	(*)	(*)	(*)	4	5	(*)	(*)	1	6	112	(*)	(*)	6,407	773	(*)	(*)	(*)	(*)	0	(*)	(*)
Addenda:																						
European Union ³	5,915	244	774	615	277	393	1,073	487	156	801	1,094	2,302	280	96	78	226	210	242	148	45	164	812
Eastern Europe ⁴	633	2	29	32	17	165	72	102	17	32	165	242	4	4	3	61	20	17	(D)	3	1	(D)

*Less than \$500,000.

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

1. Receipts for engineering, architectural, construction, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1997, net receipts of \$3,503 million were derived as gross operating revenues of \$7,319 million less merchandise exports of \$1,958 million and foreign expenses of \$1,858 million. Payments for engineering, architectural, construction, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not

collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. Consists of accounting, auditing, and bookkeeping services, agricultural services, mailing, reproduction, and commercial art, management of health care facilities, medical services, miscellaneous disbursements, operational leasing, personnel supply services, sports and performing arts, training services, and other business, professional, and technical services (see footnote 1 table 1).

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.2.—Business, Professional, and Technical Services, Unaffiliated, 1998
[Millions of Dollars]

	Receipts										Payments											
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries	22,676	445	1,941	1,764	867	1,888	2,406	3,885	1,271	3,188	5,022	7,303	912	828	152	637	872	655	554	206	242	2,247
Canada	1,802	83	232	198	81	202	158	42	103	229	473	1,388	42	481	19	62	120	36	59	38	78	454
Europe	8,100	201	878	889	427	717	1,306	815	255	907	1,705	3,146	383	164	95	427	322	355	267	81	93	960
Belgium-Luxembourg	288	9	36	29	22	12	79	10	11	25	56	78	10	3	1	10	11	12	1	(*)	2	28
France	684	32	73	69	39	57	194	4	11	94	111	301	52	(D)	11	16	17	30	45	(D)	6	(D)
Germany	977	35	140	78	99	117	159	61	24	133	131	333	62	28	11	46	25	60	9	11	10	72
Italy	463	21	34	122	49	13	45	47	13	82	38	116	20	3	(*)	6	3	9	11	(D)	1	(D)
Netherlands	489	4	69	56	17	28	64	12	37	90	111	154	8	1	14	27	16	11	(D)	1	4	(D)
Norway	103	1	26	8	3	4	9	3	2	15	34	46	2	(D)	(*)	5	1	5	4	(D)	8	(D)
Spain	187	5	30	18	3	8	13	8	11	22	69	99	34	3	5	9	9	9	(*)	1	(D)	(D)
Sweden	230	4	30	19	27	18	32	7	12	36	43	57	7	4	4	14	3	6	(D)	2	7	(D)
Switzerland	471	21	28	89	75	56	71	10	(D)	19	(D)	157	19	5	4	29	8	11	22	2	54	
United Kingdom	2,435	56	293	278	50	158	510	232	40	259	560	1,362	144	69	46	207	180	155	61	44	449	
Other	1,773	14	119	125	43	245	131	421	(D)	133	(D)	444	25	21	6	60	49	49	(D)	1	7	(D)
Latin America and Other Western Hemisphere	3,729	87	255	187	30	248	158	744	217	423	1,379	513	77	14	1	31	82	77	18	5	10	200
South and Central America	3,284	55	237	167	28	230	105	585	211	400	1,266	463	75	12	29	77	63	77	4	4	9	176
Argentina	415	1	19	25	5	9	15	23	(D)	57	(D)	54	10	2	4	4	9	7	3	3	15	
Brazil	581	(D)	96	40	3	54	18	12	22	64	(D)	110	24	3	8	27	17	3	(*)	2	28	
Chile	172	2	8	10	(*)	3	9	56	4	11	69	16	3	(*)	2	1	3	(*)	(*)	(*)	7	
Mexico	854	13	67	57	10	44	39	133	34	210	249	123	14	3	6	12	15	4	4	3	62	
Venezuela	418	(*)	18	16	2	35	11	230	(D)	14	(D)	23	2	1	1	5	4	(*)	(*)	(*)	10	
Other	845	(D)	29	20	7	85	14	131	57	44	(D)	136	21	4	8	29	16	3	1	1	54	
Other Western Hemisphere	445	32	18	20	2	18	52	159	6	23	113	50	2	2	2	4	13	9	1	1	24	
Bermuda	71	(D)	7	7	(*)	2	27	3	(*)	1	(D)	25	1	1	1	1	1	1	(*)	(*)	10	
Other	374	(D)	10	14	2	16	26	156	6	22	(D)	25	1	1	1	3	4	(*)	(*)	1	14	
Africa	1,006	3	34	54	21	154	9	422	(D)	45	(D)	161	9	2	(D)	(D)	8	27	2	1	69	
South Africa	130	1	16	44	3	15	5	7	(*)	12	26	23	5	1	(D)	1	3	5	2	1	11	
Other	876	3	18	9	18	139	3	416	(D)	33	(D)	138	4	1	(D)	(D)	3	27	2	(*)	58	
Middle East	1,628	9	60	83	11	168	58	560	(D)	404	(D)	372	20	13	1	(D)	(D)	12	84	(*)	10	63
Israel	181	3	17	7	3	22	22	7	14	46	41	88	3	8	(D)	(D)	6	(D)	(D)	8	17	
Saudi Arabia	884	3	37	(D)	5	89	10	352	39	292	(D)	161	5	5	1	(D)	2	(D)	(*)	2	(D)	
Other	563	3	6	(D)	2	58	26	201	(D)	66	(D)	122	12	(*)	(*)	3	4	(D)	(*)	(*)	(D)	
Asia and Pacific	6,269	61	482	352	292	399	717	1,300	498	1,174	995	1,724	381	154	36	60	195	168	80	50	500	
Australia	478	3	61	88	19	65	47	19	5	81	88	199	26	4	2	14	19	25	15	5	89	
China	635	2	21	8	7	10	18	213	(D)	92	(D)	72	5	3	3	13	10	1	2	2	32	
Hong Kong	312	10	19	31	3	16	78	12	(*)	66	78	129	17	6	2	7	22	13	3	3	59	
India	200	1	12	26	7	10	2	96	9	19	18	132	4	97	3	4	4	1	1	1	(D)	
Indonesia	698	(*)	8	1	5	22	9	560	9	41	43	22	1	1	2	5	2	1	2	2	8	
Japan	1,941	31	205	101	182	143	416	49	237	390	188	729	285	21	1	15	37	55	33	16	(D)	
Korea	414	3	36	8	18	12	76	48	21	144	48	100	13	1	6	10	18	11	(D)	6	(D)	
Malaysia	121	1	15	5	(*)	4	2	12	(D)	43	(D)	14	1	(*)	(*)	7	1	6	(*)	(*)	4	
New Zealand	140	(*)	10	22	2	3	4	1	4	28	66	20	4	1	4	1	1	1	(*)	(*)	4	
Philippines	241	1	14	5	5	26	6	120	1	37	26	78	3	13	3	(D)	3	4	2	2	(D)	
Singapore	290	4	27	32	7	8	18	66	18	81	29	52	5	4	3	3	6	2	2	5	21	
Taiwan	293	3	33	14	19	5	29	54	17	83	35	94	14	3	3	(D)	9	6	1	1	(D)	
Thailand	272	1	17	7	13	14	3	38	(D)	42	(D)	39	3	3	3	(D)	4	2	2	1	(D)	
Other	235	(*)	3	3	4	61	11	12	23	28	90	44	1	(*)	(*)	2	3	4	(D)	(*)	(D)	
International organizations and unaffiliated	142	(*)	(*)	1	5	(*)	(*)	1	(D)	6	(D)	(*)	0	0	0	(*)	(*)	(*)	0	0	0	(*)
Addenda:																						
European Union ³	6,429	175	787	755	340	432	1,139	586	168	813	1,235	2,671	353	146	90	354	275	312	158	77	82	825
Eastern Europe ⁴	823	3	30	31	10	189	84	208	(D)	26	(D)	230	4	1	1	37	27	19	(D)	1	1	(D)

* Less than \$500,000.
 † Suppressed to avoid disclosure of data to individual companies.
 1. Receipts for engineering, architectural, construction, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1998, net receipts of \$3,885 million were derived as gross operating revenues of \$8,954 million less merchandise exports of \$1,702 million and foreign expenses of \$3,368 million. Payments for engineering, architectural, construction, and mining services are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.
 2. See table 7.1, footnote 2.
 3. See table 2, footnote 2.
 4. See table 2, footnote 3.

Table 7.3.—Business, Professional, and Technical Services, Unaffiliated, 1999

[Millions of Dollars]

	Receipts										Payments											
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries	27,114	472	2,687	2,088	992	1,893	2,463	5,786	1,862	3,500	5,371	8,061	879	888	171	746	868	736	505	225	306	2,736
Canada	2,444	104	311	225	107	180	179	282	190	324	543	1,699	56	498	8	117	101	46	85	51	130	607
Europe	9,673	181	1,303	974	428	883	1,321	1,041	535	1,006	2,000	3,488	310	170	126	471	386	406	170	127	112	1,210
Belgium-Luxembourg	379	11	44	22	17	35	45	16	(D)	23	(D)	100	16	6	3	13	14	16	3	1	1	29
France	960	20	170	71	29	106	202	22	(D)	96	(D)	287	31	19	25	39	28	28	8	5	1	(D)
Germany	1,256	36	198	87	106	156	188	107	77	124	176	412	47	51	13	63	49	59	8	18	25	(D)
Italy	431	22	43	136	16	25	40	21	12	52	62	146	16	4	1	13	6	16	1	(D)	(D)	(D)
Netherlands	523	4	83	66	21	43	45	4	23	95	138	131	5	2	16	22	13	12	9	(*)	4	48
Norway	125	1	46	4	7	4	8	3	2	11	41	42	2	(D)	(*)	7	2	5	1	1	1	5
Spain	290	10	52	22	9	16	12	8	29	58	74	96	19	3	(*)	7	11	11	(*)	26	1	21
Sweden	234	4	36	20	29	22	33	1	15	43	33	75	4	1	36	2	6	6	(*)	1	1	10
Switzerland	495	17	29	91	80	83	58	9	12	31	85	145	14	7	52	5	9	9	1	179	4	606
United Kingdom	3,187	41	405	309	71	218	560	505	101	313	664	1,524	140	63	45	168	193	78	17	34	17	406
Other	1,794	16	196	146	44	176	130	346	87	160	492	528	15	(D)	(D)	66	57	66	(D)	(D)	(D)	217
Latin America and Other Western Hemisphere	4,208	119	238	257	47	197	159	1,026	282	498	1,386	656	92	12	1	28	96	87	37	15	15	273
South and Central America	3,800	98	223	228	43	178	108	916	277	469	1,260	583	88	9	1	26	86	72	37	15	13	237
Argentina	457	(D)	28	25	(D)	10	15	36	(D)	69	147	74	11	(*)	4	4	4	11	(D)	(*)	(D)	(D)
Brazil	589	22	50	63	5	41	24	74	17	71	222	141	41	1	7	23	18	2	(D)	5	(D)	(D)
Chile	263	4	9	11	(*)	2	9	123	4	28	73	24	6	4	2	1	3	2	(D)	(*)	(*)	6
Mexico	937	14	64	68	13	41	35	84	78	249	292	145	17	1	4	28	20	2	3	8	64	64
Venezuela	550	3	31	34	2	16	9	360	3	11	80	61	1	(*)	1	4	5	5	(D)	(*)	(*)	48
Other	1,004	(D)	40	28	(D)	69	16	240	(D)	42	445	138	13	2	9	27	16	15	(D)	(*)	(D)	37
Other Western Hemisphere	408	20	16	28	4	19	51	110	5	29	126	73	5	3	2	10	15	11	(*)	(*)	(*)	(D)
Bermuda	61	7	4	7	2	3	22	2	(*)	1	14	38	1	2	1	8	11	2	(*)	(*)	(*)	15
Other	347	14	12	22	2	15	29	108	4	29	112	35	4	1	1	2	4	4	(*)	(*)	(*)	22
Africa	1,277	3	126	62	14	119	8	677	30	38	200	165	5	1	(*)	(D)	8	27	1	2	(D)	(D)
South Africa	211	(*)	85	49	5	25	6	6	(*)	16	19	29	2	(*)	6	2	2	2	(*)	(*)	(*)	15
Other	1,066	3	40	13	9	94	2	671	30	22	181	135	2	(*)	16	6	6	27	1	2	(D)	(D)
Middle East	2,034	3	99	105	79	124	55	930	79	430	130	360	18	20	2	29	(D)	11	111	11	2	(D)
Israel	197	1	29	6	30	20	27	2	14	31	36	81	2	11	2	6	2	(D)	(*)	(*)	(*)	(D)
Saudi Arabia	1,242	(*)	55	(D)	48	51	5	(D)	(D)	323	15	125	4	9	(D)	(D)	2	14	(*)	(*)	(*)	8
Other	595	1	15	(D)	2	53	23	(D)	(D)	76	79	154	12	(*)	(D)	(D)	4	(D)	(*)	(*)	(*)	22
Asia and Pacific	7,289	63	608	465	311	385	740	1,827	747	1,204	939	1,689	398	187	34	79	137	178	72	21	46	537
Australia	552	4	101	113	16	45	56	37	20	85	76	205	16	8	1	12	22	23	16	(*)	4	103
China	743	3	13	11	5	9	36	337	5	108	217	88	5	4	4	23	4	12	(*)	(*)	2	31
Hong Kong	464	7	49	40	4	18	91	11	(D)	86	(D)	103	10	2	1	3	20	9	9	3	54	54
India	137	1	17	32	4	7	5	21	5	18	26	175	2	132	3	5	5	13	5	1	12	12
Indonesia	562	(*)	16	3	2	18	6	447	6	35	29	28	(*)	1	3	6	2	1	1	2	13	13
Japan	2,126	33	229	138	198	170	396	66	325	391	179	677	322	16	13	20	10	66	5	13	9	(D)
Korea	431	3	36	13	20	22	81	32	35	130	60	94	14	1	2	6	17	(D)	(*)	(*)	(D)	(D)
Malaysia	133	1	20	7	1	4	1	38	5	37	17	12	1	(*)	(*)	5	2	3	(*)	(*)	4	4
New Zealand	155	1	15	25	2	1	4	1	2	32	73	15	1	(*)	(*)	2	1	3	(*)	(*)	1	6
Philippines	366	(*)	9	7	2	16	4	278	3	30	17	64	1	16	1	22	3	4	(D)	(*)	10	10
Singapore	695	6	34	44	9	12	18	(D)	(D)	94	(D)	61	3	1	1	5	5	5	(D)	(*)	7	20
Taiwan	531	3	40	16	30	7	32	(D)	(D)	119	39	81	18	4	2	13	9	1	3	4	29	29
Thailand	189	1	22	9	12	15	5	20	(D)	29	(D)	42	1	(*)	3	3	3	3	(D)	(*)	(*)	(D)
Other	204	1	6	7	6	41	5	10	24	9	95	43	2	1	3	4	4	2	(*)	(*)	(*)	(D)
International organizations and unaffiliated	190	(*)	1	(*)	6	6	(*)	3	(*)	(*)	174	3	(*)	(*)	(*)	(*)	1	2	(*)	(*)	(*)	(*)
Addenda:																						
European Union ³	7,947	156	1,146	847	334	653	1,176	761	446	906	1,522	3,029	289	151	119	375	334	357	110	120	93	1,080
Eastern Europe ⁴	838	7	56	23	7	118	75	263	75	28	186	199	1	(*)	2	29	33	28	(D)	2	(*)	(D)

* Less than \$500,000.

D Suppressed to avoid disclosure of data to individual companies.

1. Receipts for engineering, architectural, construction, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 1999, net receipts of \$5,786 million were derived as gross operating revenues of \$8,749 million less merchandise exports of \$678 million and foreign expenses of \$2,287 million. Payments for engineering, architectural, construction, and mining services

are not published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

2. See table 7.1, footnote 2.

3. See table 2, footnote 2.

4. See table 2, footnote 3.

Table 7.4.—Business, Professional, and Technical Services, Unaffiliated, 2000
[Millions of Dollars]

	Receipts										Payments											
	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²	Total	Advertising	Computer and data processing services	Database and other information services	Research, development, and testing services	Management, consulting, and public relations services	Legal services	Construction, engineering, architectural, and mining services ¹	Industrial engineering	Installation, maintenance, and repair of equipment	Other ²
All countries	28,026	518	2,464	2,431	988	1,834	3,214	5,256	1,628	4,194	5,502	7,776	804	837	203	851	708	839	422	296	423	2,393
Canada	2,610	80	299	239	72	175	224	333	172	343	673	1,541	62	534	13	73	129	54	81	24	172	401
Europe	9,964	272	1,219	1,153	422	817	1,742	668	544	1,159	1,969	3,550	305	126	161	550	306	468	148	192	160	1,134
Belgium-Luxembourg	442	9	28	24	19	32	78	8	79	41	124	99	15	2	3	11	14	18	3	1	1	31
France	1,165	67	160	148	29	93	244	14	129	146	317	26	15	26	49	26	37	28	29	6	4	97
Germany	1,286	39	188	93	33	108	281	82	71	157	173	431	46	15	16	83	31	60	4	45	32	96
Italy	481	24	49	146	30	27	48	21	13	58	66	163	15	4	1	8	4	10	20	25	75	75
Netherlands	524	5	49	72	21	39	70	4	16	98	149	129	6	2	18	21	9	11	5	5	5	53
Norway	106	1	27	4	5	5	12	-1	2	13	38	26	2	(*)	4	1	5	5	1	1	1	6
Spain	252	3	42	23	6	16	17	21	25	27	70	108	20	8	3	5	12	1	1	36	3	20
Sweden	257	4	45	22	14	34	40	1	15	50	30	71	4	(*)	1	3	5	7	4	4	4	13
Switzerland	503	19	23	92	82	63	79	6	19	41	78	233	14	4	6	124	9	16	4	(*)	53	
United Kingdom	3,103	90	403	367	75	214	710	188	75	371	610	1,439	137	69	61	162	237	82	33	51	444	
Other	1,846	12	204	160	47	186	163	324	98	156	495	534	20	7	5	90	29	64	14	29	33	245
Latin America and Other Western Hemisphere	4,490	87	216	299	34	237	311	1,005	269	561	1,472	589	78	10	1	37	69	91	32	18	21	230
South and Central America	3,943	70	197	267	30	187	133	926	251	534	1,350	533	73	9	1	34	65	78	32	18	20	204
Argentina	457	7	24	28	4	10	19	34	108	72	151	70	9	(*)	7	4	13	(D)	1	1	(D)	(D)
Brazil	552	13	54	86	4	35	28	47	12	60	214	131	36	1	8	17	21	1	12	6	28	28
Chile	321	1	5	12	1	8	8	184	(D)	25	(D)	19	4	3	2	2	1	3	(*)	(*)	(*)	5
Mexico	959	12	52	77	14	47	43	84	79	230	322	139	16	1	5	21	18	7	4	11	60	60
Venezuela	515	(*)	28	35	3	14	10	326	5	12	81	52	1	1	1	2	7	4	1	1	41	41
Other	1,138	36	33	29	5	73	25	251	(D)	135	(D)	122	8	3	10	21	17	(D)	(D)	(*)	(D)	(D)
Other Western Hemisphere	547	18	19	32	4	51	178	78	19	27	123	56	5	1	4	4	4	13	(*)	(*)	26	26
Bermuda	197	6	5	8	2	17	148	1	(*)	10	25	1	1	1	3	3	1	8	(*)	(*)	11	11
Other	350	11	14	24	2	34	30	77	18	26	113	31	4	1	1	1	6	6	(*)	(*)	2	15
Africa	1,455	4	86	74	45	146	11	709	(D)	131	(D)	228	7	(*)	(*)	36	48	8	51	1	3	74
South Africa	203	1	54	57	(D)	21	7	(*)	(*)	14	(D)	43	5	(*)	19	4	3	6	(*)	(*)	13	13
Other	1,252	3	31	17	(D)	124	5	709	(D)	117	217	186	2	(*)	(*)	17	44	6	51	1	2	61
Middle East	2,017	3	84	118	74	122	66	984	35	416	115	249	17	18	1	34	41	14	64	(D)	2	(D)
Israel	229	1	27	6	34	25	38	3	13	42	39	77	2	10	5	2	6	26	8	2	15	15
Saudi Arabia	1,202	1	44	56	37	39	6	693	15	300	10	93	4	8	17	(D)	3	(D)	(D)	(*)	7	7
Other	586	1	13	55	2	59	21	288	7	74	67	78	12	(*)	(*)	11	5	(D)	(D)	(*)	(D)	(D)
Asia and Pacific	7,414	73	560	549	334	329	860	1,553	592	1,585	979	1,615	335	149	25	122	114	204	44	(D)	65	(D)
Australia	631	5	97	128	21	33	68	37	18	139	88	173	17	9	1	13	12	22	19	(*)	6	74
China	678	5	11	14	4	12	41	234	12	141	203	101	6	6	3	21	3	13	7	4	4	32
Hong Kong	511	12	52	52	2	13	114	19	74	72	101	96	8	3	1	7	20	4	(*)	(*)	4	53
India	216	5	43	42	8	10	6	21	(D)	18	(D)	165	3	95	3	9	12	3	1	1	(D)	(D)
Indonesia	485	(*)	10	4	7	18	6	400	1	10	28	36	(*)	(*)	4	4	12	4	1	1	2	14
Japan	2,217	22	194	162	199	110	484	28	321	550	148	672	263	13	11	34	17	86	3	(D)	27	(D)
Korea	451	3	34	18	41	26	56	26	35	144	69	92	13	1	(D)	4	22	4	(*)	(*)	3	(D)
Malaysia	134	1	12	7	1	4	2	33	5	51	17	11	1	(*)	1	4	2	4	(*)	(*)	3	3
New Zealand	170	1	6	24	1	1	5	(*)	1	47	84	9	1	(*)	1	1	3	4	(*)	(*)	1	12
Philippines	250	1	7	7	2	18	3	146	9	40	18	44	2	13	2	4	4	4	1	(*)	(*)	25
Singapore	792	13	44	50	7	12	27	510	9	99	20	48	4	2	3	2	5	5	1	(*)	7	22
Taiwan	354	4	30	21	19	10	37	45	30	108	50	67	12	3	2	8	10	5	(*)	(*)	9	(D)
Thailand	186	1	14	11	14	15	6	42	(D)	43	(D)	46	1	3	4	(D)	5	2	(*)	(*)	(D)	(D)
Other	338	(*)	4	10	7	47	4	13	25	123	104	54	2	(*)	(*)	(D)	4	6	(*)	(*)	2	29
International organizations and unaffiliated	80	(*)	1	0	8	7	(*)	4	(D)	0	(D)	4	(*)	(*)	(*)	1	1	2	0	(*)	(*)	(*)
Addenda:																						
European Union ³	8,250	248	1,086	1,021	325	599	1,555	441	437	1,049	1,489	3,047	282	121	153	373	277	407	130	182	136	985
Eastern Europe ⁴	823	3	54	25	8	119	88	216	83	30	196	171	3	(*)	2	39	13	32	9	4	2	66

* Less than \$500,000.

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

¹ Receipts for engineering, architectural, construction, and mining services are published net of merchandise exports, which are included in merchandise trade in the U.S. international transactions accounts, and net of outlays abroad for wages, services, materials, and other expenses. In 2000, net receipts of \$5,256 million were derived as gross operating revenues of \$7,947 million less merchandise exports of \$371 million and foreign expenses of \$2,324 million. Payments for engineering, architectural, construction, and mining services are not

published net of merchandise imports and outlays for wages and other expenses. Data are not collected for merchandise imports and wages and other expenses, and no estimates are made because they are believed to be small.

² See table 7.1, footnote 2.

³ See table 2, footnote 2.

⁴ See table 2, footnote 3.

Table 8.—Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's and to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, by Country, 1992–99

[Millions of dollars]

Country ¹	Sales by MOFA's to foreign persons								Sales by MOUSA's to U.S. persons							
	1992	1993	1994	1995	1996	1997	1998	1999 ²	1992	1993	1994	1995	1996	1997 ³	1998	1999
All countries	140,553	142,603	159,149	190,057	223,175	255,335	286,066	338,409	127,969	134,700	145,414	149,663	168,444	223,060	245,472	289,307
Canada	17,531	18,265	17,776	18,534	21,160	24,128	25,698	33,576	20,138	23,507	22,285	26,620	27,282	35,064	41,871	45,793
Europe	80,124	79,578	84,599	105,111	128,665	147,698	165,170	190,793	77,531	78,255	86,156	89,978	101,296	134,865	150,093	183,935
Belgium	(D)	(D)	3,886	4,277	4,260	4,283	4,552	4,800	767	533	471	164	349	130	262	707
France	10,869	10,292	10,897	14,183	15,868	14,567	17,704	18,720	6,923	7,506	11,315	12,141	12,260	16,011	18,456	21,377
Germany	11,379	12,744	12,434	17,618	21,829	19,102	20,105	29,303	8,850	10,687	10,728	11,904	16,991	22,171	27,396	29,557
Italy	6,005	5,187	4,528	5,176	6,462	6,319	7,455	7,616	785	819	917	750	993	914	818	1,975
Netherlands	6,925	7,740	8,111	9,134	10,668	10,911	13,504	14,577	10,374	8,667	(D)	9,860	10,511	15,411	21,210	31,853
Norway	846	793	878	(D)	1,626	1,818	2,152	1,985	358	479	539	527	2,031	1,624	1,755	5,346
Spain	2,608	2,095	2,211	2,869	3,106	3,115	3,302	3,868	147	168	179	182	215	317	333	327
Sweden	(D)	(D)	(D)	(D)	2,883	2,881	(D)	(D)	(D)	(D)	(D)	2,413	1,490	1,820	2,892	4,452
Switzerland	2,759	3,140	3,187	4,006	4,497	4,133	4,861	5,089	11,577	11,655	12,589	12,758	15,174	19,040	20,540	23,138
United Kingdom	29,480	28,496	31,810	38,114	50,330	73,112	78,849	89,062	32,661	33,359	35,563	35,409	37,812	55,035	54,944	63,023
Other	(D)	(D)	(D)	6,003	7,126	7,457	(D)	(D)	(D)	(D)	(D)	3,871	3,468	2,392	1,488	2,180
Latin America and Other Western Hemisphere	8,999	9,526	12,588	15,791	17,457	23,781	32,534	38,075	2,523	3,432	4,100	4,209	5,474	6,877	8,000	13,200
South and Central America	4,705	5,580	8,354	10,893	12,143	15,449	23,248	27,038	756	819	944	969	1,098	1,128	1,160	1,053
Argentina	612	751	1,463	2,012	2,584	(D)	(D)	(D)	3	3	3	3	2	4	5	5
Brazil	1,685	1,875	2,361	3,008	3,457	4,574	10,387	9,261	(D)	36	40	40	59	108	119	108
Chile	399	465	865	1,530	1,146	1,425	1,830	1,764	0	0	0	0	(*)	(D)	26	174
Mexico	(D)	1,310	1,772	1,850	2,003	(D)	3,014	4,810	321	348	488	517	554	559	543	355
Venezuela	(D)	(D)	1,054	(D)	1,689	(D)	2,895	3,492	(D)	197	214	223	256	232	187	(D)
Other	519	(D)	839	(D)	1,263	1,843	(D)	(D)	229	235	199	186	227	(D)	280	(D)
Other Western Hemisphere	4,294	3,946	4,233	4,898	5,313	8,332	9,286	11,037	1,769	2,613	3,156	3,240	4,376	5,748	6,840	12,147
Bermuda	(D)	(D)	(D)	(D)	(D)	(D)	6,594	6,891	968	1,133	1,373	1,460	1,752	2,907	3,060	6,619
Other	(D)	(D)	(D)	(D)	(D)	(D)	2,692	4,146	801	1,480	1,783	1,780	2,624	2,841	3,781	5,528
Africa, Middle East, and Asia and Pacific	31,348	32,496	41,663	48,088	53,336	56,797	60,169	73,106	(D)	(D)	(D)	28,226	33,495	44,304	42,807	(D)
Africa	(D)	727	(D)	1,677	1,776	2,102	(D)	(D)	(D)	(D)	(D)	237	248	232	923	(D)
South Africa	35	35	109	529	(D)	958	1,131	950	154	173	179	169	202	191	(D)	(D)
Other	(D)	692	(D)	1,148	(D)	1,144	(D)	(D)	(D)	(D)	(D)	68	46	41	(D)	(D)
Middle East	(D)	1,808	(D)	1,643	1,879	2,045	(D)	(D)	1,657	1,848	1,915	1,803	1,955	2,037	2,260	2,185
Israel	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	200	172	164	251	237	239	251	232
Saudi Arabia	772	809	720	(D)	(D)	(D)	(D)	439	533	570	591	703	483	483	650	650
Other	700	(D)	(D)	633	(D)	755	803	665	1,018	1,143	1,181	961	1,015	1,316	1,526	1,303
Asia and Pacific	28,753	29,961	39,033	44,768	49,681	52,649	55,347	66,911	24,312	26,756	30,069	26,186	31,293	42,036	39,623	40,814
Australia	4,238	3,964	5,550	6,489	8,821	9,713	11,381	13,677	(D)	(D)	(D)	4,321	5,886	8,854	9,046	8,086
China	(D)	59	320	453	575	776	828	1,678	40	42	45	58	63	(D)	64	61
Hong Kong	2,970	3,351	4,043	4,424	5,310	5,915	6,774	7,770	1,163	1,682	1,759	2,003	1,829	1,388	1,546	1,442
India	(D)	(D)	47	116	102	222	341	480	15	16	24	30	(D)	94	133	151
Indonesia	266	256	249	324	415	(D)	(D)	(D)	27	44	53	40	49	56	96	78
Japan	13,859	15,672	19,545	21,693	21,921	21,684	23,095	27,878	17,705	20,337	23,203	18,621	21,398	28,383	26,177	28,753
Korea, Republic of	598	699	(D)	1,141	1,299	1,229	996	1,629	(D)	375	252	238	827	300	322	381
Malaysia	568	642	1,136	(D)	1,391	(D)	1,034	1,293	50	124	180	162	272	328	292	(D)
New Zealand	1,798	394	848	1,175	1,075	1,056	869	1,249	(D)	19	15	14	20	47	51	23
Philippines	243	257	397	(D)	518	589	602	858	10	12	12	10	10	8	11	23
Singapore	1,613	1,733	2,234	2,492	3,103	3,670	3,166	4,170	110	112	188	244	343	1,761	1,038	876
Taiwan	1,542	1,898	2,473	3,028	3,362	3,965	4,190	3,864	154	148	283	310	386	581	636	582
Thailand	797	879	(D)	1,593	1,618	1,490	(D)	(D)	2	2	2	2	2	(*)	(*)	(*)
Other	107	(D)	(D)	(D)	172	254	464	434	53	(D)	(D)	134	(D)	(D)	213	(D)
International ⁴	2,550	2,738	2,523	2,531	2,567	2,930	2,495	2,858								
United States ⁵									(D)	(D)	(D)	630	898	1,950	2,701	(D)
Addenda:																
European Union ⁶	73,540	72,315	76,497	99,012	121,510	140,471	156,068	180,546	61,803	64,243	71,319	76,612	83,987	114,106	127,698	155,318
Eastern Europe ⁷	12	53	423	438	577	834	1,601	2,465	13	10	12	20	22	20	34	55

* Less than \$500,000.

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

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

2. See table A, footnote 4.

3. See table A, footnote 3.

4. Foreign affiliates classified in "International" are those that have operations in more than one country and that are engaged in petroleum shipping, other water transportation, or operating movable oil- and gas-drilling

equipment.

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

6. See table 2, footnote 2.

7. See table 2, footnote 3.

MNC Multinational company

MOFA Majority-owned foreign affiliate

MOUSA Majority-owned U.S. affiliate

Table 9.1.—Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's, SIC-Based Industry of Affiliate by Country of Affiliate, 1998 ¹

[Millions of dollars]

	All countries	Canada	Europe					Latin America and Other Western Hemisphere	Other countries			International ²	
			Total	Of which:					Total	Of which:			
				France	Germany	Netherlands	Switzerland			United Kingdom	Australia		Japan
All industries	286,066	25,698	165,170	17,704	20,105	13,504	4,861	78,849	32,534	60,169	11,381	23,095	2,495
Petroleum	11,199	913	3,492	104	(D)	417	27	2,070	2,665	2,423	270	201	1,705
Manufacturing	14,388	1,886	10,791	3,294	3,788	43	(*)	3,266	1,133	578	175	16	.....
Food and kindred products	290	48	77	0	2	29	0	0	51	114	70	0	.....
Chemicals and allied products	86	0	73	0	0	0	(*)	58	0	13	0	(*)	.....
Primary and fabricated metals	238	(*)	188	5	13	0	0	78	50	0	0	0	.....
Machinery	(D)	(D)	(D)	(D)	(D)	3	0	(D)	(D)	359	44	13	.....
Other manufacturing	(D)	(D)	(D)	(D)	(D)	10	0	(D)	(D)	92	60	3	.....
Wholesale trade	12,886	864	8,737	504	445	962	1,034	1,503	1,165	2,120	207	699	.....
Retail trade	(D)	228	(D)	(D)	(D)	0	(D)	135	(D)	(D)	(D)	(D)	.....
Finance, except depository institutions	(D)	(D)	21,955	1,111	1,064	(D)	710	(D)	2,915	7,118	1,053	4,053	.....
Insurance	46,001	4,236	16,624	655	5,236	(D)	(D)	7,568	(D)	(D)	(D)	8,887	.....
Real estate	(D)	(D)	921	118	(D)	(*)	(*)	(D)	(D)	(D)	(D)	45	.....
Services	106,732	7,475	70,587	11,286	7,584	6,327	2,736	26,940	(D)	(D)	5,635	8,708	.....
Hotels and other lodging places	3,110	545	1,581	230	164	43	(D)	415	558	426	192	0	.....
Advertising	6,160	368	4,536	730	751	139	102	1,686	551	705	184	164	.....
Equipment rental and leasing, except autos and computers	2,479	380	1,560	30	64	30	(D)	1,199	480	59	5	17	.....
Computer and data processing services	(D)	1,741	24,000	1,898	3,256	2,168	1,441	7,793	(D)	11,960	2,736	6,736	.....
Motion pictures, including television tape and film	7,894	672	5,635	736	398	2,337	49	1,255	(D)	(D)	337	615	.....
Engineering, architectural, and surveying services	10,963	487	7,571	358	237	612	(D)	5,392	786	2,118	1,167	(D)	.....
Accounting, research, management and related services	10,653	808	7,084	1,163	1,051	134	552	2,281	443	2,319	373	219	.....
Health services	341	0	292	0	0	0	92	97	48	(*)	0	0	.....
Other services	(D)	2,475	18,329	6,140	1,663	864	433	6,823	(D)	2,321	641	(D)	.....
Other industries	(D)	7,217	(D)	(D)	(D)	3,304	148	21,455	8,294	9,973	(D)	(D)	790
Agriculture, forestry, and fishing	55	15	8	0	0	0	0	0	12	20	(D)	0	.....
Mining	111	72	11	0	7	0	0	0	0	29	29	0	.....
Construction	870	120	394	1	0	0	0	180	70	286	(D)	(D)	.....
Transportation	(D)	2,078	(D)	(D)	1,326	2,788	135	2,817	560	3,012	201	393	790
Communication	13,968	1,810	4,854	4	197	(D)	14	2,736	6,028	1,276	144	(D)	.....
Electric, gas, and sanitary services	27,326	3,121	17,230	0	(D)	(D)	0	15,722	1,625	5,350	2,809	0	.....

* Less than \$500,000.

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

¹ Industry classifications derived from the 1987 Standard Industrial Classification (SIC) system.

² See table 8, footnote 4.

MNC Multinational company

MOFA Majority-owned foreign affiliate

Table 9.2.—Sales of Services to Foreign Persons by U.S. MNC's Through Their Nonbank MOFA's, NAICS-Based Industry of Affiliate, 1999 ¹

[Millions of dollars]

	All countries
All industries	338,409
Manufacturing	12,998
Wholesale trade	12,061
Retail trade	483
Information	59,263
Publishing industries	11,674
Motion picture and sound recording industries	8,209
Broadcasting and telecommunications	25,271
Information services and data processing services	14,109
Finance (except depository institutions) and insurance	78,549
Finance, except depository institutions	31,622
Insurance carriers and related activities	46,927
Real estate and rental and leasing	10,146
Professional, scientific, and technical services	59,184
Of which:	
Computer systems design and related services	27,189
Other industries	105,725
Of which:	
Utilities	34,152
Transportation and warehousing	16,596
Administration, support, and waste management	20,962
Accommodation and food services	15,962

¹ Industry classifications derived from the 1997 North American Industry Classification System (NAICS).

MNC Multinational company

MOFA Majority-owned foreign affiliate

Table 10.1.—Sales of Services to U.S. Persons by Foreign MNC's Through Their Nonbank MOUSA's, NAICS-Based Industry of Affiliate by Country of UBO, 1998

[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	
All industries	245,472	41,871	150,093	18,456	27,396	21,210	20,540	54,944	8,000	42,807	9,046	26,177	2,701
Manufacturing	23,397	588	16,363	279	5,131	(D)	938	4,929	(D)	(D)	45	4,386	21
<i>Of which:</i>													
Food.....	944	2	(D)	0	0	1	0	(D)	2	(D)	0	196	0
Chemicals.....	2,777	24	2,492	89	76	4	546	(D)	0	261	0	62	0
Primary and fabricated metals.....	409	4	269	0	17	0	225	(D)	125	11	0	11	0
Machinery.....	869	15	583	0	149	15	(D)	76	0	271	0	198	0
Computers and electronic products.....	5,064	54	(D)	161	62	(D)	74	532	1	(D)	0	(D)	0
Electrical equipment, appliances, and components.....	(D)	0	(D)	0	(D)	0	36	220	0	0	0	0	0
Transportation equipment.....	4,183	188	3,978	15	(D)	0	0	101	0	17	0	17	0
Wholesale trade	11,907	(D)	4,766	139	1,549	485	159	1,507	88	(D)	9	5,135	0
<i>Of which:</i>													
Motor vehicles and motor vehicle parts and supplies.....	4,508	0	(D)	0	(D)	0	0	0	0	(D)	0	(D)	0
Professional and commercial equipment and supplies.....	2,722	6	(D)	0	15	(D)	0	(D)	0	(D)	0	1,320	0
Retail trade	407	17	215	5	0	67	3	78	72	103	0	94	0
Information	34,405	9,277	14,631	204	(D)	1,145	(D)	9,020	257	(D)	(D)	1,404	(D)
Publishing industries.....	13,706	(D)	7,833	91	(D)	545	(D)	3,152	17	(D)	(D)	1,164	156
Newspaper, periodical, book, and database publishers.....	13,041	(D)	7,492	(D)	(D)	(D)	(D)	(*)	(*)	(D)	(D)	1,140	0
Software publishers.....	664	82	341	0	0	0	0	(D)	17	69	4	24	156
Motion picture and sound recording industries.....	4,840	(D)	2,276	25	2	550	0	(D)	(D)	63	0	42	(*)
Motion picture and video industries.....	(D)	(D)	(D)	25	1	(D)	0	(D)	(D)	60	0	39	(*)
Sound recording industries.....	(D)	(D)	(D)	0	1	(D)	0	(D)	0	3	0	3	0
Broadcasting and telecommunications.....	12,882	(D)	1,700	(D)	(D)	10	1	1,463	(D)	(D)	(D)	56	(D)
Broadcasting, cable networks, and program distribution.....	(D)	(D)	(*)	0	0	(*)	0	0	(D)	(D)	(D)	(D)	0
Telecommunications.....	(D)	(D)	1,700	(D)	(D)	10	1	1,463	(D)	198	2	(D)	(D)
Information services and data processing services.....	2,976	8	2,822	(D)	1	40	(*)	(D)	1	146	4	142	0
Information services.....	2,805	0	2,735	0	1	40	(*)	(D)	1	70	4	66	0
Data processing services.....	171	8	87	(D)	0	0	0	56	0	76	0	76	0
Finance (except depository institutions) and insurance	78,044	13,413	60,391	9,878	9,507	9,061	14,880	15,582	360	3,050	358	2,567	831
Finance (except depository institutions).....	14,920	3,025	9,348	1,433	1,376	1,243	2,334	2,486	102	(D)	(D)	2,007	(D)
Nondepository credit intermediation and related services.....	1,713	1,141	(D)	31	(D)	(D)	(D)	31	(D)	315	(D)	160	0
Securities, commodity contracts, and other intermediation and related activities.....	13,088	1,884	8,990	1,402	(D)	1,195	2,224	2,455	86	(D)	25	1,845	(D)
Funds, trusts, and other financial vehicles.....	120	0	(D)	0	(*)	(D)	(*)	(*)	(D)	2	0	2	0
Insurance carriers and related activities.....	63,124	10,388	51,043	8,445	8,131	7,817	12,547	13,096	257	(D)	(D)	560	(D)
Insurance carriers, except life insurance carriers.....	29,262	1,620	26,138	(D)	(D)	(D)	7,117	6,286	255	(D)	(D)	501	(D)
Life insurance carriers.....	29,749	(D)	20,993	(D)	(D)	(D)	(D)	(D)	0	(D)	(*)	(D)	0
Agencies, brokerages, and other insurance related activities.....	4,113	(D)	3,912	6	0	(D)	(D)	(D)	2	(D)	(D)	(D)	0
Real estate and rental and leasing	15,001	2,379	5,444	508	1,422	992	174	1,794	749	6,335	697	3,619	93
Real estate.....	12,397	2,237	3,641	182	1,294	(D)	174	702	735	5,693	(D)	3,317	92
Rental and leasing (except real estate).....	2,604	143	1,804	326	128	(D)	(*)	1,092	14	642	(D)	302	1
Professional, scientific, and technical services	13,715	781	10,878	4,095	1,221	527	148	3,093	255	1,776	25	1,364	25
Architectural, engineering, and related services.....	3,921	145	3,401	360	403	372	0	667	3	372	0	240	0
Computer systems design and related services.....	4,086	390	2,587	1,428	(D)	25	1	181	25	1,062	24	864	21
Management, scientific, and technical consulting.....	498	5	240	140	22	0	(D)	64	202	48	0	47	3
Other.....	5,209	241	4,649	2,167	(D)	131	(D)	2,181	24	294	(*)	214	1
Legal services.....	12	0	12	0	0	0	0	12	0	0	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services.....	(D)	0	(D)	0	0	0	0	0	0	0	0	0	0
Specialized design services.....	25	0	16	0	0	0	16	0	9	0	0	9	0
Scientific research and development services.....	484	134	203	3	(D)	(D)	(D)	25	(D)	(*)	(*)	121	1
Advertising and related services.....	4,448	73	4,261	(D)	0	(D)	5	2,098	0	114	(*)	58	0
Other professional, scientific, and technical services.....	(D)	34	(D)	(D)	(*)	0	14	46	(D)	(D)	(*)	26	0
Other industries	68,596	(D)	37,405	3,349	(D)	(D)	(D)	18,941	(D)	(D)	(D)	7,607	(D)
Agriculture, forestry, fishing, and hunting.....	89	20	50	(*)	16	6	19	8	11	7	(*)	0	0
Mining.....	2,502	39	243	58	20	2	6	(D)	(D)	172	0	0	0
Utilities.....	13,325	2,193	(D)	1,350	(*)	8	0	(D)	72	85	0	(D)	(D)
Construction.....	2,452	32	1,929	2	(D)	0	0	(D)	74	418	0	370	0
Transportation and warehousing.....	17,007	5,321	7,288	82	449	1,865	539	3,646	482	3,915	7	2,281	2
<i>Of which:</i>													
Air transportation.....	183	0	85	16	(*)	(D)	(*)	30	4	94	0	64	0
Rail transportation.....	1,891	1,775	67	0	1	0	0	63	47	1	0	0	0
Water transportation.....	2,707	76	(D)	2	2	(*)	(D)	(D)	304	(D)	0	92	2
Truck transportation.....	(D)	148	(D)	0	0	0	0	(D)	0	0	0	0	0
Support activities for transportation.....	5,790	86	3,836	15	441	(D)	127	1,117	(D)	(D)	1	1,619	0
Management of companies and enterprises.....	(D)	0	(D)	(*)	0	0	0	0	3	0	0	0	0
Administration, support, and waste management.....	12,167	(D)	(D)	928	310	1,698	(D)	2,119	(D)	634	0	629	(D)
Administrative and support services.....	9,843	164	8,020	(D)	310	1,698	(D)	(D)	(D)	629	0	623	(D)
<i>Of which:</i>													
Employment services.....	6,319	0	6,272	3	24	(D)	(D)	1,394	0	46	0	46	0
Travel arrangement and reservation services.....	1,869	14	1,090	(D)	(D)	(D)	1	183	3	(D)	0	530	(D)
Waste management and remediation services.....	2,324	(D)	(D)	0	0	0	0	(D)	0	5	0	5	0
Health care and social assistance.....	5,436	(D)	3,836	3	(D)	1	(D)	0	(D)	1	0	(*)	0
Accommodation and food services.....	11,223	(D)	3,559	882	96	(D)	18	(D)	700	(D)	(D)	3,343	4
Accommodation.....	6,794	173	(D)	65	28	18	18	210	581	(D)	(D)	2,903	(*)
Food services and drinking places.....	4,429	(D)	(D)	31	(D)	(D)	(*)	(D)	118	(D)	(*)	440	3
Miscellaneous services.....	(D)	(D)	1,165	44	28	54	8	864	37	1,278	(D)	(D)	(*)
Educational services.....	569	2	316	12	17	0	0	(D)	4	246	0	240	0
Arts, entertainment, and recreation.....	1,821	567	422	16	2	54	2	327	24	808	(D)	470	(*)
Other services (except public administration and private households).....	(D)	(D)	426	16	8	0	6	(D)	9	223	10	(D)	0

* Less than \$500,000.

P 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 MNC's Through Their Nonbank MOUSA's, NAICS-Based Industry of Affiliate by Country of UBO, 1999
[Millions of dollars]

	All countries	Canada	Europe						Latin America and Other Western Hemisphere	Other countries			United States
			Total	Of which:						Total	Of which:		
				France	Germany	Netherlands	Switzerland	United Kingdom			Australia	Japan	
All industries	289,307	45,793	183,935	21,377	29,557	31,853	23,138	63,023	13,200	(D)	8,086	28,753	(D)
Manufacturing	27,843	(D)	19,712	1,387	5,481	(D)	542	3,593	(D)	4,030	45	3,667	9
<i>Of which:</i>													
Food.....	(D)	2	(D)	0	0	0	0	(D)	2	222	0	210	0
Chemicals.....	1,784	1	1,535	238	1	4	(D)	(D)	0	249	0	36	0
Primary and fabricated metals.....	130	4	77	0	10	0	0	8	31	19	0	19	0
Machinery.....	1,742	14	1,568	(D)	239	26	59	80	0	161	0	115	0
Computers and electronic products.....	5,898	(D)	1,155	327	70	(D)	37	(D)	0	(D)	0	(D)	0
Electrical equipment, appliances, and components.....	182	0	182	0	0	0	173	6	0	0	0	0	0
Transportation equipment.....	5,552	63	5,461	30	(D)	0	0	119	0	28	0	28	0
Wholesale trade	12,556	(D)	4,216	52	1,919	485	186	1,367	119	(D)	24	5,637	0
<i>Of which:</i>													
Motor vehicles and motor vehicle parts and supplies.....	(D)	0	(D)	0	(D)	0	0	0	0	(D)	0	(D)	0
Professional and commercial equipment and supplies.....	2,963	0	(D)	0	16	(D)	0	(D)	0	(D)	0	1,704	0
Retail trade	388	29	210	3	0	76	6	26	(D)	(D)	0	99	0
Information	42,528	7,990	21,914	678	(D)	1,271	3	15,750	(D)	(D)	(D)	2,167	1,163
Publishing industries.....	14,904	(D)	9,388	577	(D)	690	1	4,144	18	(D)	44	1,222	(D)
Newspaper, periodical, book, and database publishers.....	13,155	(D)	8,166	(D)	(D)	(D)	1	3,591	(*)	(D)	40	1,105	0
Software publishers.....	1,750	(D)	1,222	(D)	0	(D)	0	553	18	185	4	117	(D)
Motion picture and sound recording industries.....	5,040	(D)	2,606	26	2	530	0	(D)	10	(D)	0	(D)	(*)
Motion picture and video industries.....	3,111	(D)	680	26	1	(D)	0	(D)	10	(D)	0	(D)	(*)
Sound recording industries.....	1,929	0	1,925	0	1	(D)	0	(D)	0	3	0	3	0
Broadcasting and telecommunications.....	19,258	2,342	6,749	(D)	(D)	51	1	(D)	(D)	(D)	(D)	95	(D)
Broadcasting, cable networks, and program distribution.....	(D)	(D)	(*)	0	0	(*)	0	0	(D)	(D)	(D)	12	0
Telecommunications.....	(D)	(D)	6,749	(D)	(D)	51	1	(D)	(D)	256	2	83	(D)
Information services and data processing services.....	3,326	9	3,171	(D)	1	0	(*)	3,115	1	146	4	(D)	0
Information services.....	3,146	0	3,080	0	1	0	(*)	3,055	1	66	4	62	0
Data processing services.....	180	9	91	(D)	0	0	0	59	0	80	0	(D)	0
Finance (except depository institutions) and insurance	94,126	16,491	72,402	11,214	10,604	15,482	16,174	17,093	2,503	(D)	434	1,924	(D)
Finance (except depository institutions).....	15,282	2,093	11,227	1,702	1,253	1,554	3,376	2,669	78	(D)	(D)	1,323	(D)
Nondepository credit intermediation and related services.....	832	258	254	28	(D)	93	9	39	8	312	(D)	88	0
Securities, commodity contracts, and other intermediation and related activities.....	14,429	1,834	10,964	1,674	(D)	1,453	3,367	2,630	60	(D)	24	1,232	(D)
Funds, trusts, and other financial vehicles.....	20	0	8	0	(*)	8	(*)	(*)	9	2	0	2	0
Insurance carriers and related activities.....	78,844	14,399	61,175	9,512	9,351	13,927	12,798	14,424	2,425	(D)	(D)	601	(D)
Insurance carriers, except life insurance carriers.....	34,404	(D)	28,518	(D)	(D)	(D)	6,889	(D)	(D)	(D)	(D)	(D)	(D)
Life insurance carriers.....	40,132	(D)	28,587	(D)	(D)	(D)	(D)	(D)	0	(D)	(*)	(D)	0
Agencies, brokerages, and other insurance related activities.....	4,308	61	4,070	6	0	0	0	644	(D)	(D)	(*)	5	0
Real estate and rental and leasing	17,740	2,823	6,763	517	1,724	953	174	2,057	830	7,230	929	4,149	94
Real estate.....	14,112	2,653	4,015	194	1,567	(D)	174	736	815	6,537	(D)	3,836	93
Rental and leasing (except real estate).....	3,629	171	2,749	324	157	(D)	1	1,321	15	693	(D)	313	1
Professional, scientific, and technical services	15,040	1,198	11,523	4,188	1,344	699	155	3,770	282	2,010	26	1,434	27
Architectural, engineering, and related services.....	3,917	253	3,289	510	(D)	391	0	840	3	372	0	144	0
Computer systems design and related services.....	4,034	442	2,294	834	(D)	230	1	219	27	1,249	26	987	23
Management, scientific, and technical consulting.....	592	5	347	147	45	0	(D)	142	226	11	0	10	3
Other.....	6,497	499	5,594	2,697	23	77	(D)	2,569	25	379	(*)	294	1
Legal services.....	21	(D)	(D)	0	0	0	0	(D)	0	0	0	0	0
Accounting, tax preparation, bookkeeping, and payroll services.....	(D)	0	(D)	0	0	0	0	(D)	0	0	0	0	0
Specialized design services.....	26	0	(D)	0	0	0	17	0	0	0	0	9	0
Scientific research and development services.....	692	136	331	7	23	77	(D)	142	11	213	(*)	198	1
Advertising and related services.....	5,256	197	4,941	(D)	0	(*)	5	2,321	0	118	(*)	59	0
Other professional, scientific, and technical services.....	(D)	(D)	(D)	(*)	0	15	(D)	(D)	14	(D)	(*)	28	0
Other industries	79,086	12,956	47,195	3,338	(D)	(D)	5,898	19,367	4,364	13,839	(D)	9,677	732
Agriculture, forestry, fishing, and hunting.....	79	22	36	(*)	3	7	5	19	11	10	7	(*)	0
Mining.....	2,415	78	276	58	53	3	(*)	7	(D)	(D)	173	(*)	0
Utilities.....	18,981	2,626	13,311	1,337	(*)	(D)	0	(D)	(D)	0	0	(D)	(D)
Construction.....	2,496	32	2,085	2	(D)	0	0	(D)	29	350	0	(D)	0
Transportation and warehousing.....	18,827	4,363	9,759	150	673	(D)	(D)	4,226	475	(D)	7	2,527	(D)
<i>Of which:</i>													
Air transportation.....	174	(D)	67	14	(*)	0	(*)	6	2	(D)	0	63	0
Rail transportation.....	1,965	(D)	0	0	1	(D)	0	67	(D)	1	0	(*)	0
Water transportation.....	3,116	77	(D)	2	2	(*)	(D)	(D)	308	(D)	0	82	2
Truck transportation.....	2,199	(D)	(D)	0	0	0	0	(D)	0	0	0	0	0
Support activities for transportation.....	6,921	82	4,894	(D)	543	(D)	213	984	(D)	1	1,706	0	0
Management of companies and enterprises.....	7	0	3	(*)	0	2	0	0	3	(*)	0	(*)	0
Administration, support, and waste management.....	13,561	1,419	10,500	571	431	1,790	4,443	2,367	(D)	580	0	575	(D)
Administrative and support services.....	(D)	(D)	(D)	(D)	431	1,790	4,443	2,367	(D)	574	0	569	(D)
<i>Of which:</i>													
Employment services.....	7,493	0	7,482	4	25	(D)	4,435	1,586	0	11	0	11	0
Travel arrangement and reservation services.....	2,211	15	1,433	421	247	(D)	1	408	3	0	0	510	(D)
Waste management and remediation services.....	(D)	(D)	(D)	(D)	0	0	0	0	0	5	0	5	0
Health care and social assistance.....	5,233	1,178	(D)	3	(D)	2	0	0	(D)	(D)	(D)	(*)	0
Accommodation and food services.....	13,344	(D)	6,420	1,170	111	(D)	(D)	2,563	712	(D)	1	2,909	4
Accommodation.....	(D)	258	1,896	1,144	72	56	19	(D)	589	(D)	1	2,453	(*)
Food services and drinking places.....	(D)	(D)	4,524	26	39	(D)	(D)	(D)	123	(D)	(*)	456	3
Miscellaneous services.....	4,142	(D)	(D)	47	34	71	8	914	45	(D)	214	(D)	(*)
Educational services.....	355	2	149	12	18	0	0	(D)	11	193	0	186	0
Arts, entertainment, and recreation.....	2,016	687	476	18	8	71	2	355	25	828	203	453	(*)
Other services (except public administration and private households).....	1,771	(D)	(D)	17	8	0	6	(D)	9	(D)	10	(D)	0

* Less than \$500,000.

^D Suppressed to avoid disclosure of data of individual companies.
MNC Multinational company

MOUSA Majority-owned U.S. affiliate
UBO Ultimate beneficial owner

BEA logo



Bureau of Economic Analysis

NOTE

December 6, 2001

Tables 4.1 through 4.4 in "[U.S. International Services: Cross-Border Trade in 2000 and Sales Through Affiliates in 1999](#)" (*Survey of Current Business*, November 2001) contained an error. The headings "Broadcasting and recording of live events" and "Books, records, and tapes" were on the wrong columns. The error has been eliminated in the file available here. [[An erratum was published in the December Survey.](#)]

Personal Income by State

Second Quarter 2001

By Duke Tran

The quarterly estimates of State personal income are prepared by the Regional Economic Measurement Division.

IN the second quarter of 2001, personal income growth slowed in 40 States. For the Nation, the growth in personal income slowed from a 1.4-percent increase in the first quarter to an 0.8-percent increase in the second, the smallest growth rate since the first quarter of 1999.¹ The deceleration was mainly accounted for by downturns in earnings in manufacturing, construction, and transportation and public utilities and by slower earnings growth in services and trade.

- Personal income grew the fastest in three western States—Nevada, New Mexico, and California—and Florida.

- Three States with relatively small shares of the Nation's personal income—North Dakota, Iowa, and West Virginia—had the slowest growth.

- In all the States except North Dakota and Iowa, the growth in personal income either exceeded or was equal to the 0.3-percent increase in prices for the Nation.

The deceleration in U.S. personal income growth reflected slowdowns in all three major components of income—net earnings; dividends, interest, and rent; and transfer payments. The growth in net earnings, which accounts for about 69 percent of personal income, slowed to 1.0 percent in the second quarter from 1.4 percent in the first.² The slowdown reflected a deceleration—from 1.5 percent to 1.0 percent—in payroll growth. Dividends, interest, and rent, which accounts for about 18 percent of personal income, declined 0.2 percent after increasing 0.2 percent.

1. In this article, percent changes from the preceding quarter are expressed at quarterly rates.

2. Net earnings is calculated as earnings by place of work less personal contributions for social insurance plus an adjustment that converts these earnings to a place-of-residence basis. Earnings by place of work is the sum of wage and salary disbursements (payrolls), other labor income, and proprietors' income. Net earnings is used to analyze changes in the composition of personal income; earnings by place of work is used to analyze changes in the industrial structure of earnings. Net earnings by industry is not available, because the source data used to adjust earnings to a place-of-residence basis are not available by industry and because personal contributions for social insurance are not estimated by industry. For the definitions of the components of earnings, see U.S. Bureau of Economic Analysis, *State Personal Income, 1929–97* (Washington, DC: U.S. Government Printing Office, 1999), or go to BEA's Web site at <www.bea.doc.gov/bea/mp.htm>, and look under "Regional programs" for "State Personal Income, 1929–97."

The downturn partly reflected declining interest rates. Transfer payments, which accounts for about 13 percent of personal income, increased 1.5 percent after increasing 3.1 percent. The slowdown reflected a return to normal trends after a first-quarter upward shift that was partly due to an increase in cost-of-living adjustments to benefits under social security and other programs.

By industry, earnings growth decelerated in all the major industry groups except finance, insurance, and real estate. Earnings declines in farms, in construction, in manufacturing, and in transportation and public utilities were widespread.

The declines in quarterly farm earnings were widespread and were sometimes substantial, but farm earnings are typically quite volatile.

For construction, the declines represented a marked change from relatively strong growth in the first quarter and reflected a slowing of the overall economy. Of the 31 States with declines in construction earnings in the second quarter, 25 States had positive earnings growth in the first quarter.

For manufacturing, weakness exhibited in the first quarter became more widespread: Manufacturing earnings declined in 32 States in the second quarter, more than double the 15 States with declines in the first quarter. Of the 32 States with declines in manufacturing earnings, durable-goods manufacturing declined in 30 States, and nondurable-goods manufacturing declined in 18 States.

For transportation and public utilities, 17 of the 21 States (including the District of Columbia) with declines had positive growth in the first quarter.

Forty States, accounting for about 70 percent of U.S. personal income, had slower income growth in the second quarter than in the first (table A). In these States, there was a consistent pattern of weakness in manufacturing, construction, and transportation and public utilities. In contrast, faster growth in earnings in finance, insurance, and real estate contributed substantially to growth in most of these 40 States.

trade also contributed.

Slowest growing States.—In the second quarter, North Dakota (0.2 percent), Iowa (0.2 percent), and West Virginia (0.3 percent) registered the smallest increases in personal income; these increases followed large increases in the first quarter. Together, these States accounted for about 1.6 percent of U.S. personal income, and they contrib-

uted only about 0.5 percent of the \$72 billion growth in U.S. personal income.

The decelerations in these States reflected general weakness in most categories of earnings. In particular, the slow growth in North Dakota and Iowa mainly reflected large declines in farm earnings.

Tables A–D and tables 1 and 2 follow.

Table A.—Personal Income, by State and Region, 2000:I–2001:II

[Millions of dollars, seasonally adjusted at annual rates]

	2000				2001		Percent change from preceding quarter ¹					Percent change 2000:II–2001:II ²
	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	2000:II	2000:III	2000:IV	2001:I	2001:II	
United States	8,097,740	8,264,219	8,374,722	8,512,567	8,632,966	8,705,009	2.1	1.3	1.6	1.4	.8	5.3
New England	487,310	494,517	502,804	512,981	523,084	527,487	1.5	1.7	2.0	2.0	.8	6.7
Connecticut.....	135,970	138,448	140,111	142,690	146,216	147,235	1.8	1.2	1.8	2.5	.7	6.3
Maine.....	31,753	32,364	32,534	32,996	34,070	34,276	1.9	.5	1.4	3.3	.6	5.9
Massachusetts.....	233,514	236,008	241,958	247,074	250,708	253,165	1.2	2.3	2.1	1.5	1.0	7.1
New Hampshire.....	40,073	40,504	41,007	42,165	42,926	43,251	1.1	1.2	2.8	1.8	.8	6.8
Rhode Island.....	30,009	30,360	30,802	31,227	31,912	32,190	1.2	1.5	1.4	2.2	.9	6.0
Vermont.....	15,991	16,433	16,390	16,828	17,252	17,369	2.8	–3	2.7	2.5	.7	5.7
Mideast	1,512,578	1,545,487	1,564,588	1,602,664	1,624,312	1,638,221	2.2	1.2	2.4	1.4	.9	6.0
Delaware.....	23,645	24,225	24,616	25,278	25,220	25,483	2.5	1.6	2.7	–2	1.0	5.2
District of Columbia.....	21,382	21,762	21,938	22,594	22,631	22,833	1.8	.8	3.0	2	.9	4.9
Maryland.....	174,030	176,626	179,562	183,807	187,132	188,705	1.5	1.7	2.4	1.8	.8	6.8
New Jersey.....	301,864	311,145	314,788	323,766	322,635	324,898	3.1	1.2	2.9	–3	.7	4.4
New York.....	637,015	650,883	658,647	675,787	688,457	695,753	2.2	1.2	2.6	1.9	1.1	6.9
Pennsylvania.....	354,643	360,846	365,038	371,431	378,237	380,549	1.7	1.2	1.8	1.8	.6	5.5
Great Lakes	1,291,760	1,312,127	1,325,189	1,340,167	1,356,644	1,365,359	1.6	1.0	1.1	1.2	.6	4.1
Illinois.....	387,040	393,233	399,127	405,556	411,316	414,130	1.6	1.5	1.6	1.4	.7	5.3
Indiana.....	160,369	163,277	165,178	165,374	168,359	169,359	1.8	1.2	.1	1.8	.6	3.7
Michigan.....	285,035	288,883	290,572	293,068	295,204	297,261	1.4	.6	.9	.7	.7	2.9
Ohio.....	312,096	316,416	318,662	321,892	325,082	327,289	1.4	.7	1.0	1.0	.7	3.4
Wisconsin.....	147,220	150,318	151,651	154,277	156,683	157,319	2.1	.9	1.7	1.6	.4	4.7
Plains	528,989	542,586	549,461	554,867	562,544	566,191	2.6	1.3	1.0	1.4	.6	4.4
Iowa.....	75,323	77,340	78,423	78,423	79,509	79,698	2.7	.9	.5	1.4	.2	3.0
Kansas.....	71,638	73,560	75,204	74,915	76,417	77,084	2.7	2.2	–4	2.0	.9	4.8
Minnesota.....	152,130	156,606	158,854	162,129	164,031	165,333	2.9	1.4	2.1	1.2	.8	5.6
Missouri.....	148,641	151,938	153,613	155,555	157,755	158,909	2.2	1.1	1.3	1.4	.7	4.6
Nebraska.....	46,517	47,339	47,903	47,931	48,244	48,446	1.8	1.2	.1	.7	.4	2.3
North Dakota.....	15,546	16,075	16,069	15,971	16,611	16,636	3.4	0	–6	4.0	.2	3.5
South Dakota.....	19,194	19,727	19,771	19,943	19,976	20,085	2.8	.2	.9	.2	.5	1.8
Southeast	1,774,540	1,812,551	1,831,608	1,862,368	1,891,180	1,906,814	2.1	1.1	1.7	1.5	.8	5.2
Alabama.....	102,614	104,586	104,671	106,399	108,042	108,464	1.9	.1	1.7	1.5	.4	3.7
Arkansas.....	58,006	58,635	59,613	59,124	61,089	61,420	1.1	–8	.5	3.3	.5	4.7
Florida.....	434,332	444,037	450,034	459,645	465,159	470,691	2.2	1.4	2.1	1.2	1.2	6.0
Georgia.....	222,998	227,472	229,956	234,344	237,212	239,561	2.0	1.1	1.9	1.2	1.0	5.3
Kentucky.....	95,335	96,771	98,117	99,556	101,367	101,872	1.5	1.4	1.5	1.8	.5	5.3
Louisiana.....	101,678	103,199	103,535	104,035	106,298	106,883	1.5	.3	.5	2.2	.5	3.6
Mississippi.....	58,357	59,489	59,766	60,256	61,216	61,523	1.9	.5	.8	1.6	.5	3.4
North Carolina.....	210,878	216,158	218,512	222,497	226,315	227,472	2.5	1.1	1.8	1.7	.5	5.2
South Carolina.....	94,047	96,332	96,910	98,355	100,191	101,054	2.4	.6	1.5	1.9	.9	4.9
Tennessee.....	144,517	147,045	148,763	150,682	153,393	154,843	1.7	1.2	1.3	1.8	.9	5.3
Virginia.....	213,290	219,484	222,274	227,285	230,119	232,111	2.9	1.3	2.3	1.2	.9	5.8
West Virginia.....	38,488	39,343	39,456	40,190	40,777	40,919	2.2	.3	1.9	1.5	.3	4.0
Southwest	811,128	826,550	837,121	850,780	869,412	876,483	1.9	1.3	1.6	2.2	.8	6.0
Arizona.....	126,892	127,750	129,875	132,013	133,908	135,011	.7	1.7	1.6	1.4	.8	5.7
New Mexico.....	38,864	39,993	40,197	40,837	41,644	42,260	2.9	.5	1.6	2.0	1.5	5.7
Oklahoma.....	79,413	81,040	82,152	83,611	84,453	85,095	2.0	1.4	1.8	1.0	.8	5.0
Texas.....	565,959	577,766	584,898	594,320	609,407	614,117	2.1	1.2	1.6	2.5	.8	6.3
Rocky Mountain	247,946	256,296	260,656	265,322	267,596	269,979	3.4	1.7	1.8	.9	.9	5.3
Colorado.....	133,717	139,522	142,828	145,344	146,076	147,484	4.3	2.4	1.8	.5	1.0	5.7
Idaho.....	29,880	30,684	30,968	31,504	31,747	32,039	2.7	.9	1.7	.8	.9	4.4
Montana.....	19,865	20,312	20,599	20,802	21,094	21,305	2.3	1.4	1.0	1.4	1.0	4.9
Utah.....	51,222	52,306	52,674	53,693	54,670	54,985	2.1	.7	1.9	1.8	.6	5.1
Wyoming.....	13,262	13,472	13,587	13,980	14,010	14,166	1.6	.9	2.9	.2	1.1	5.2
Far West	1,443,489	1,474,105	1,503,295	1,523,417	1,538,194	1,554,475	2.1	2.0	1.3	1.0	1.1	5.5
Alaska.....	18,215	18,499	18,792	18,942	19,260	19,423	1.6	1.6	.8	1.7	.8	5.0
California.....	1,058,595	1,084,057	1,111,223	1,125,205	1,137,376	1,150,660	2.4	2.5	1.3	1.1	1.2	6.1
Hawaii.....	33,068	33,708	33,854	34,473	34,837	35,106	1.9	.4	1.8	1.1	.8	4.1
Nevada.....	58,035	59,631	60,006	60,886	62,286	63,249	2.7	.6	1.5	2.3	1.5	6.1
Oregon.....	92,945	94,638	95,800	96,614	98,194	98,986	1.8	1.2	.8	1.6	.8	4.6
Washington.....	182,632	183,572	183,620	187,297	186,240	187,050	.5	0	2.0	–6	.4	1.9

^r Revised.

^p Preliminary.

1. Percent changes are expressed at quarterly rates.

2. Percent changes are expressed at annual rates.

NOTE.—Estimates may not add to totals because of rounding.

Table B.—Personal Income by Component, by State, and by Region, 2001:I–2001:II
 [Seasonally adjusted]

	Percent change								Percent change in personal income 2001:I	Contribution to percent change in personal income, 2001:I ¹ (percentage points)			Percent change in personal income 2001:II	Contribution to percent change in personal income, 2001:II ¹ (percentage points)		
	Personal income		Net earnings ¹		Dividends, interest, and rent		Transfer payments			Net earnings ¹	Dividends, interest, and rent	Transfer payments		Net earnings	Dividends, interest, and rent	Transfer payments
	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II								
United States	1.4	0.8	1.4	1.0	0.2	-0.2	3.1	1.5	1.4	0.97	0.04	0.40	0.8	0.68	-0.04	0.19
New England	2.0	.8	2.3	1.0	.1	-1	2.8	1.4	2.0	1.61	.02	.34	.8	.69	-.02	.17
Connecticut	2.5	.7	3.0	.8	0	-2	2.6	1.3	2.5	2.18	.01	.28	.7	.59	-.03	.14
Maine	3.3	.6	4.1	.6	2	-1	3.3	1.4	3.3	2.66	.04	.56	.6	.38	-.01	.23
Massachusetts	1.5	1.0	1.6	1.1	.2	0	2.8	1.5	1.5	1.12	.03	.32	1.0	.81	-.01	.18
New Hampshire	1.8	.8	2.1	1.0	0	-4	2.7	1.3	1.8	1.52	.01	.27	.8	.70	-.07	.13
Rhode Island	2.2	.9	2.6	1.0	.1	-1	3.1	1.3	2.2	1.67	.01	.51	.9	.68	-.03	.22
Vermont	2.5	.7	2.9	.7	.3	0	3.7	1.5	2.5	1.93	.06	.53	.7	.46	-.01	.22
Mideast	1.4	.9	1.4	1.0	.1	-2	2.8	1.2	1.4	.94	.03	.39	.9	.72	-.03	.17
Delaware	-2	1.0	-1.0	1.4	.1	-3	3.8	1.1	-2	-.70	.02	.45	1.0	.96	-.05	.14
District of Columbia	1	.9	-2	1.3	0	-4	2.2	.9	.2	-.11	0	.28	.9	.86	-.08	.11
Maryland	1.8	.8	2.0	1.0	.1	0	3.4	1.5	1.8	1.45	.02	.33	.8	.70	0	.15
New Jersey	-3	.7	-9	.8	.2	-1	2.7	1.1	-3	-.68	.04	.29	.7	.61	-.02	.12
New York	1.9	1.1	2.1	1.3	.2	-1	2.7	1.2	1.9	1.45	.03	.40	1.1	.89	-.02	.19
Pennsylvania	1.8	.6	2.0	.7	.1	-4	3.0	1.2	1.8	1.34	.02	.48	.6	.49	-.08	.20
Great Lakes	1.2	.6	1.2	.7	.3	-2	2.9	1.4	1.2	.79	.06	.37	.6	.50	-.04	.18
Illinois	1.4	.7	1.5	.9	.4	-2	2.6	1.1	1.4	1.05	.08	.29	.7	.60	-.04	.13
Indiana	1.8	.6	1.8	.6	.6	-1	3.2	1.6	1.8	1.26	.12	.43	.6	.40	-.02	.22
Michigan	.7	.7	.3	.7	.2	-1	3.5	1.5	.7	.22	.04	.47	.7	.51	-.02	.20
Ohio	1.0	.7	.9	.8	.4	-3	2.7	1.3	1.0	.57	.03	.39	.7	.53	-.05	.19
Wisconsin	1.6	.4	1.7	.4	.2	-3	2.7	1.6	1.6	1.15	.07	.33	.4	.26	-.06	.20
Plains	1.4	.6	1.3	.8	.5	-4	3.0	1.5	1.4	.89	.10	.39	.6	.52	-.07	.20
Iowa	1.4	.2	1.3	.3	.8	-7	2.6	1.3	1.4	.88	.15	.35	.2	.19	-.13	.18
Kansas	2.0	.9	2.3	1.2	.5	-3	2.8	1.1	2.0	1.54	.10	.36	.9	.80	-.07	.14
Minnesota	1.2	.8	1.2	.9	.5	-2	2.5	1.9	1.2	.80	.10	.27	.8	.63	-.03	.20
Missouri	1.4	.7	1.3	.8	.2	-3	3.6	1.5	1.4	.84	.04	.53	.7	.56	-.06	.23
Nebraska	.7	.4	.1	.5	.7	-5	3.6	1.7	.7	.05	.15	.45	.4	.31	-.10	.21
North Dakota	4.0	.2	5.3	.1	1.0	-9	2.7	1.8	4.0	3.36	.21	.44	.2	.05	-.19	.29
South Dakota	.2	.5	-.7	.7	1.0	-5	3.1	1.4	.2	-.46	.22	.41	.5	.47	-.12	.20
Southeast	1.5	.8	1.5	.9	.2	-1	3.5	1.6	1.5	.99	.05	.51	.8	.62	-.03	.23
Alabama	1.5	.4	1.4	.2	.2	-2	3.5	1.6	1.5	.92	.03	.60	.4	.15	-.03	.27
Arkansas	3.3	.5	4.1	.6	.5	-3	3.5	1.3	3.3	2.60	.09	.63	.5	.36	-.06	.24
Florida	1.2	1.2	1.0	1.6	.3	0	3.4	1.5	1.2	.61	.08	.51	1.2	.97	-.01	.23
Georgia	1.2	1.0	1.1	1.0	.4	-2	3.6	1.8	1.2	.76	.07	.39	1.0	.76	-.03	.20
Kentucky	1.8	.5	1.8	.4	.3	-2	3.6	1.6	1.8	1.15	.04	.62	.5	.25	-.03	.28
Louisiana	2.2	.5	2.8	.9	.3	-8	1.8	.5	2.2	1.81	.06	.31	.5	.59	-.13	.09
Mississippi	1.6	.5	1.3	.4	.5	-3	3.6	1.6	1.6	.80	.09	.70	.5	.23	-.05	.32
North Carolina	1.7	.5	1.6	.4	.2	-2	4.2	2.2	1.7	1.11	.05	.56	.5	.26	-.04	.29
South Carolina	1.9	.9	1.8	.9	.3	-1	4.2	2.0	1.9	1.19	.05	.63	.9	.57	-.01	.31
Tennessee	1.8	.9	1.7	1.1	-.1	-5	3.9	1.7	1.8	1.19	-.01	.62	.9	.74	-.08	.28
Virginia	1.2	.9	1.3	1.0	0	-1	3.5	1.7	1.2	.91	.01	.33	.9	.73	-.03	.16
West Virginia	1.5	.3	1.5	.3	-.1	-4	2.5	1.0	1.5	.91	-.02	.56	.3	.19	-.08	.24
Southwest	2.2	.8	2.4	1.0	.2	-9	3.5	1.7	2.2	1.73	.03	.43	.8	.75	-.14	.20
Arizona	1.4	.8	1.3	.9	.3	0	3.6	1.7	1.4	.91	.05	.47	.8	.59	0	.23
New Mexico	2.0	1.5	2.0	1.9	.2	-2	4.1	1.7	2.0	1.30	.04	.64	1.5	1.24	-.03	.27
Oklahoma	1.0	.8	.7	.8	.2	0	3.3	1.4	1.0	.46	.04	.50	.8	.54	0	.22
Texas	2.5	.8	2.9	1.1	.1	-1.4	3.5	1.7	2.5	2.13	.02	.39	.8	.78	-.20	.19
Rocky Mountain	.9	.9	.6	1.0	.4	-1	3.3	1.6	.9	.46	.07	.33	.9	.75	-.03	.17
Colorado	.5	1.0	.2	1.1	.3	-1	3.2	1.7	.5	.17	.06	.27	1.0	.83	-.01	.15
Idaho	.8	.9	.2	1.1	.6	-2	4.1	1.8	.8	.14	.11	.53	.9	.73	-.04	.23
Montana	1.4	1.0	1.5	1.6	.4	-6	2.4	1.0	1.4	.92	.09	.40	1.0	.97	-.14	.17
Utah	1.8	.6	1.9	.6	.2	-1	3.6	1.8	1.8	1.42	.04	.36	.6	.41	-.01	.18
Wyoming	.2	1.1	-.5	1.6	.7	0	2.9	1.1	.2	-.31	.18	.34	1.1	.98	0	.13
Far West	1.0	1.1	.9	1.3	.2	0	3.0	1.4	1.0	.60	.03	.33	1.1	.89	0	.16
Alaska	1.7	.8	1.9	1.1	.2	-2	2.5	.9	1.7	1.24	.03	.41	.8	.73	-.03	.15
California	1.1	1.2	1.0	1.4	.2	-1	2.8	1.3	1.1	.74	.03	.31	1.2	1.00	-.02	.15
Hawaii	1.1	.8	1.0	.9	0	-1	2.9	1.1	1.1	.71	0	.35	.8	.65	-.02	.14
Nevada	2.3	1.5	2.7	2.1	.2	-3	3.9	1.6	2.3	1.86	.04	.39	1.5	1.44	-.06	.17
Oregon	1.6	.8	1.6	1.0	.2	-4	3.9	1.7	1.6	1.08	.03	.52	.8	.65	-.08	.23
Washington	-.6	.4	-.4	.4	.2	-3	3.1	1.8	-.6	-.97	.04	.37	.4	.27	-.06	.22

1. Net earnings is earnings by place of work—the sum of wage and salary disbursements (payrolls), other labor income, and proprietors' income—less personal contributions for social insurance plus an adjustment to convert earnings by place of work to a place-of-residence basis.

NOTE.—Estimates may not add to totals because of rounding.

Table C.—Earnings by Major Industry, by State, and by Region, 2001:I-2001:II
 [Seasonally adjusted]

	Percent change																					
	Total ¹		Farms		Mining		Construction		Manufacturing		Transportation and public utilities		Wholesale trade		Retail trade		Finance, insurance, and real estate		Services		Government	
	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II	2001:I	2001:II
United States	1.5	1.0	-3.0	-1.0	3.4	2.7	3.1	-0.1	0	-0.4	1.4	-0.1	0.9	0.6	1.5	0.8	1.8	2.7	2.0	1.5	1.5	1.3
New England	2.3	1.0	-5	1.1	3.8	3.6	4.8	.9	1.0	-9	5.3	-1.1	-2.4	.6	1.9	1.2	5.1	2.8	1.1	1.4	5.4	1.1
Connecticut.....	3.2	.8	6.4	-5	0	1.3	4.8	.1	-2	-5	7.6	-4.4	-3.6	-3	3.7	1.7	7.0	2.8	2.4	1.2	6.3	1.1
Maine.....	4.2	.7	-4.8	1.5	15.0	3.3	9.9	1.2	5.2	-1.7	3.8	.7	2.8	-1.4	5.3	.7	-1.1	1.2	5.3	1.4	1.9	1.5
Massachusetts.....	1.6	1.1	-3.6	2.2	6.9	6.3	4.6	1.4	-2	-1.0	5.8	2	-3.8	.6	.1	1.1	5.8	3.0	-2	1.5	6.6	1.0
New Hampshire.....	2.1	.9	-6.8	3.8	10.0	3.7	5.5	-4	7.0	-1.3	.9	0	4.2	2.8	3.9	1.3	-8.9	2.5	-2	1.8	3.4	1.2
Rhode Island.....	2.6	1.0	3.2	-3	-1.5	13.2	-1.1	1.7	5	-1.1	1.0	.7	-1.2	2.0	1.1	-1	2.6	2.6	5.8	1.6	2.7	1.0
Vermont.....	3.1	.7	-3.5	2.1	12.0	3.8	3.1	.4	5.4	-7	4.5	-1	4.9	.5	2.4	.9	1.3	2.5	2.4	1.2	2.0	.7
Mideast	1.4	1.0	-5.0	2.1	0	3.1	2.5	-4	-1.3	-4	-3	.1	.7	.4	1.2	.5	2.2	2.3	2.5	1.4	1.6	1.3
Delaware.....	-1.1	1.5	.1	-4.2	(²)	(²)	-2.2	-1.3	-1.7	5.9	4.7	.5	10.6	-3.5	2.1	.9	-6.1	1.6	-2	.4	-3.2	1.1
District of Columbia.....	.8	1.4			(²)	(²)	-5.2	-1.3	-1.3	1.4	-5.6	-3	-1.1	1.5	4.0	.3	-12.8	3.0	3.6	2.0	.9	.6
Maryland.....	2.4	.9	-1.6	-3.5	10.9	1.7	1.4	-4	3.1	.3	-4	.6	2.9	1.1	2.4	-3	-3.6	2.9	3.5	1.3	3.6	.6
New Jersey.....	-1.5	.8	8.4	-1.1	-9	3.9	1.5	-9	-11.1	-1.3	-8.0	.5	.3	0	.4	.6	-4.3	2.5	2.7	1.4	3.2	1.4
New York.....	2.3	1.3	-12.3	2.7	1.5	4.7	1.9	-1	2.6	.1	2.6	.2	-9	.3	.9	.6	4.5	2.2	2.0	1.5	.8	1.6
Pennsylvania.....	2.2	.7	-4.8	5.3	-1.0	2.7	5.4	-4	.6	-1.0	4.3	-5	2.6	1.1	1.6	.5	2.9	2.4	2.7	1.3	1.4	1.3
Great Lakes	1.2	.7	-18.2	-4.8	-8	1.8	3.2	-6	6	1	2.3	-1.0	.2	0	1.8	.5	5	2.5	2.2	1.2	2	1.6
Illinois.....	1.6	.8	-19.2	-8.0	.5	3.7	5.0	.7	5.3	0	-6	-2	.6	-4	2.8	.7	-3	2.5	1.0	1.0	.6	1.4
Indiana.....	1.9	.6	1.1	-8.5	-4	2.7	4.0	-1.7	-3.2	.8	7.3	-4.8	4.4	-2	1.8	.5	6.3	2.1	4.2	1.7	2.7	1.7
Michigan.....	.3	.7	-26.4	-8	-6.2	-1.0	-1	-2	-2	-1	2.7	-1	-1.9	.3	1.6	0	-1.1	2.9	1.4	1.1	.5	2.2
Ohio.....	.9	.8	-22.2	-8	4.3	2.5	3.6	-1.3	-1.0	1.0	4.5	-2.5	.5	.4	.1	.6	2.7	2.5	4.0	1.3	-3.2	.9
Wisconsin.....	1.7	.3	-20.4	-3.2	-5.5	-4.4	3.5	-2.2	1.7	-1.7	1.1	1.1	2.7	-1	3.8	.4	-3.7	2.9	1.8	1.4	3.7	2.1
Plains	1.4	.8	-8.6	-5.1	-1.2	.6	4.1	1.0	.2	-3	1.1	.4	2.1	.5	2.0	.5	1.8	2.8	1.5	1.2	2.1	1.1
Iowa.....	1.5	.2	-12.0	-1.5	6.1	-1.7	5.7	.2	1.4	-1.0	0	.4	3.8	.5	1.0	-1	3.5	2.6	2.9	.6	0	.5
Kansas.....	2.5	1.3	-7.5	-17.6	-2.3	4.9	-1.3	4.4	5.1	.4	.9	1.7	1.3	.6	1.8	1.5	-1.4	3.0	3.6	1.5	3.7	1.2
Minnesota.....	1.2	.9	-17.6	-4.1	-7.5	-4.0	4.6	1.9	.1	-1.5	1.5	.1	2.7	1.2	3.4	.8	5.2	2.9	-5	1.7	1.6	1.5
Missouri.....	1.3	.8	13.4	.7	3.5	-2.9	6.2	-2	-3.0	1.4	1.9	-2	1.4	0	1.9	.1	-2	2.9	1.8	.7	2.2	.9
Nebraska.....	.2	.5	-21.7	-10.2	4.1	1.6	.5	-9	1.5	0	-1.2	.5	-2.9	-4	-2	.1	-2.0	2.0	4.7	1.1	-5	1.6
North Dakota.....	5.2	1	48.2	-5.8	3.7	-6	6.7	-1.5	2.5	-7	5.6	.5	3.7	.6	2.2	.3	-1.5	2.1	.7	1.1	5.7	.5
South Dakota.....	-6	.7	-15.2	-3.9	-5.8	24.2	2.1	.2	-2.9	-9	1.2	1.1	11.5	-6	0	1.3	0	4.5	-4.0	1.5	7.7	1.1
Southeast	1.5	.9	6.6	-3.5	4.4	4.5	2.6	-6	1.8	-3	1.0	-4	.7	1.3	1.6	.9	-9	2.8	2.8	1.6	0	1.0
Alabama.....	1.4	.2	-3.4	-8.4	-2.6	4.0	1.2	-1.4	2.5	-6	4.1	-5	1.7	.7	1.8	.2	-4.6	2.5	2.5	1.0	.3	.7
Arkansas.....	4.2	.5	60.6	-2.0	7.3	4.6	-3	-2	3.6	-1	5.9	.7	1.3	1.4	7.1	-7	-2.3	2.6	3.5	1.0	-7	1.1
Florida.....	1.1	1.6	-3	-6.1	(²)	(²)	-2.9	-1	2.6	.6	3.3	-7	.4	1.9	1.5	1.3	-7	3.5	2.5	2.2	-3.1	1.4
Georgia.....	1.1	1.0	-5.5	2.3	2.0	4.0	5.1	-1.4	1.4	-1	-4.3	-1	.9	1.7	.6	1.3	.3	2.9	3.4	1.3	1	2.0
Kentucky.....	1.8	.3	5.2	4.4	-4	4.8	3.7	-3.4	2.0	-9	-1.8	-2.3	3.6	1.9	1.2	.2	1.2	2.1	1.4	1.2	2.8	.7
Louisiana.....	2.8	.9	251.0	-8	9.3	5.0	-1.8	-1.8	5.3	2.1	6.2	0	5.0	1.1	1.3	-1	-1.8	2.1	3.4	.8	-1.5	.6
Mississippi.....	1.3	.3	12.7	-2.5	20.8	7.3	-2.8	1.6	1.3	-1.0	6.0	-5.6	1.9	-4	1.5	.4	-1.0	1.9	-1	1.5	.8	1.1
North Carolina.....	1.7	.4	3.1	-6.6	3.8	3.8	2.0	.1	-1.1	-1.7	5.3	-2.3	3.2	1.4	3.9	1.5	-1.8	2.2	3.0	1.8	1.4	.7
South Carolina.....	1.8	.8	.5	-1.4	-2.4	3.9	0	-5	1.2	.7	2.2	.2	-1.4	.7	1.8	.7	.4	2.4	4.7	1.2	1.1	1.1
Tennessee.....	1.8	1.1	3.4	1.7	2.6	1.6	2.2	-1.2	.5	-2	-5	.2	2.5	.7	.3	1.1	-4.0	2.8	4.9	2.1	1.7	1.3
Virginia.....	1.2	.9	1.9	-6	1.9	3.7	5.3	1.0	6.4	-2	-2.3	.4	-6.7	.8	-1	1.1	1.2	2.7	1.4	1.3	.9	.4
West Virginia.....	1.5	.2	64.7	15.1	1.0	4.0	9.7	-3.6	1.0	.4	6.3	-4.5	3.0	.9	1.6	-1	-5.3	3.0	1.7	1.0	-9	.2
Southwest	2.5	1.0	-9.1	-7.0	5.0	2.9	3.0	1.1	5.4	-8	3.6	.9	3.7	-1	1.6	.4	-7	3.3	2.2	1.5	1.2	1.2
Arizona.....	1.4	.8	10.1	-9.9	2.1	2.3	.8	.6	3.9	-3	-1	0	2.7	-5	1.1	1.6	1.4	3.5	-6	.4	3.3	1.9
New Mexico.....	2.0	1.9	.9	6.2	1.3	6.0	2.5	-4	4.0	.1	3	1.0	3.8	.1	1.8	1.0	-1.7	2.7	.7	2.6	3.6	2.1
Oklahoma.....	.7	.8	-17.8	-4.8	1.8	4.2	7.8	1.6	-5.1	-1.2	3.8	.8	10.1	-6.7	2.2	1.0	-1.0	2.6	-3	2.3	1.8	1.1
Texas.....	2.9	1.0	-12.7	-9.3	5.7	2.6	3.1	1.3	7.3	-8	4.2	1.0	3.3	.6	1.7	0	-1.2	3.4	3.2	1.6	.4	.9
Rocky Mountain.....	.7	1.0	.5	6.3	2.9	-1.6	5.9	-8	-2.2	-1.9	-4.6	-5	-9	2.1	2.2	1.5	.6	2.3	1.1	2.4	1.6	.8
Colorado.....	.3	1.1	-9.8	-2.2	20.6	-8.1	6.0	-4	-7	-1.9	-9.8	.4	-3.6	3.0	1.6	2.0	1.6	2.0	1.7	2.6	.4	.3
Idaho.....	.2	1.0	7.4	5.2	-4.1	2.2	9.5	2.3	-14.2	-2.3	10.6	-4.3	2.0	.2	1.7	1.6	-4.5	2.6	1.2	2.7	4.7	1.6
Montana.....	1.5	1.5	1.0	48.0	15.0	-4	10.9	0	2.1	-1.9	-3.8	1.7	2.7	-1	1.3	.7	-4.0	3.1	0	2.1	2.3	-1
Utah.....	2.0	.5	1.0	-5	.6	3.6	2.4	-3.8	2.5	-1.6	7.0	-3.0	3.6	1.0	4.7	.7	0	2.7	.8	2.0	2.8	1.6
Wyoming.....	-5	1.6	-4.8	-1.1	-15.1	4.8	3.9	-7	7.6	1.1	2.0	2.1	7.0	2.1	1.5	1.6	2.7	3.5	2.5	.7	.9	.6
Far West.....	.9	1.2	-2.2	7.1	-8	3.2	2.5	.2	-4.4	-8	1.7	.4	1.3	1.0	.6	1.2	4.6	3.0	1.0	1.6	3.1	<

Table D.—Contribution to Percent Change in Earnings, by State and Region, 2001:II

	Earnings by place of work (percent change)	Percentage points										
		Earnings by industry										
		Farms	Mining	Construction	Durable-goods manufacturing	Nondurable-goods manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
United States	1.0	-0.01	0.02	0	-0.05	-0.01	0	0.04	0.07	0.25	0.44	0.19
New England	1.0	0	0	.05	-.19	.04	-.05	.03	.10	.35	.47	.13
Connecticut.....	.8	0	0	.01	-.15	.06	-.23	-.02	.13	.47	.34	.13
Maine.....	.7	.01	0	.09	-.23	-.04	-.07	-.09	.08	.40	.27	.13
Massachusetts.....	1.1	0	0	.08	-.20	.05	.01	.04	.09	.37	.54	.11
New Hampshire.....	.9	.01	0	-.03	-.33	.05	0	.22	.15	.17	.51	.13
Rhode Island.....	1.0	0	.01	.09	-.10	-.08	.04	.10	-.01	.21	.53	.19
Vermont.....	.7	.03	.01	.03	-.13	-.02	0	.03	.09	.13	.36	.11
Mideast	1.0	0	.01	-.02	-.02	-.02	.01	.02	.03	.35	.45	.19
Delaware.....	1.5	-.03	(¹)	-.08	.85	.30	.02	-.17	.07	.25	.10	.14
District of Columbia.....	1.4		(¹)	-.01	0	.03	-.01	.01	.18	.85	.24	.14
Maryland.....	.9	-.01	0	-.03	.05	-.02	.03	.06	-.02	.22	.44	.13
New Jersey.....	.8	0	.01	-.04	-.02	-.16	.04	0	.05	.25	.44	.19
New York.....	1.3	0	0	0	-.02	.03	.01	.02	.04	.52	.46	.21
Pennsylvania.....	.7	.02	.02	-.03	-.13	-.06	-.03	.06	.04	.21	.40	.17
Great Lakes.....	.7	-.02	0	-.04	.01	.02	-.06	0	.04	.19	.33	.21
Illinois.....	.8	-.03	.01	.04	.02	-.01	.02	-.03	.05	.25	.31	.18
Indiana.....	.6	-.05	.01	-.11	.05	.16	-.31	-.01	.04	.13	.40	.22
Michigan.....	.7	0	0	-.01	-.05	.02	-.01	.02	0	.16	.30	.29
Ohio.....	.8	0	.01	-.07	.23	.02	-.14	.02	.06	.17	.35	.13
Wisconsin.....	.3	-.02	-.01	-.15	-.41	-.02	.07	0	.03	.19	.35	.29
Plains.....	.8	-.09	0	.06	.01	-.07	.03	.04	.05	.23	.31	.17
Iowa.....	.2	-.05	0	.01	-.30	.09	.03	.04	-.01	.20	.13	.08
Kansas.....	1.3	-.23	.05	.26	.06	0	.16	.04	.14	.19	.36	.21
Minnesota.....	.9	-.04	-.01	.12	-.15	-.14	0	.09	.07	.27	.46	.19
Missouri.....	.8	0	-.01	-.02	.36	-.14	-.02	0	.01	.23	.21	.13
Nebraska.....	.5	-.26	0	-.05	-.05	.05	.05	-.02	.01	.15	.29	.27
North Dakota.....	.1	-.38	-.01	-.09	0	-.06	.04	-.04	.03	.12	.26	.09
South Dakota.....	.7	-.30	.08	.02	-.13	.01	.07	-.04	.13	.34	.34	.21
Southeast.....	.9	-.04	.03	-.04	.01	-.05	-.03	.08	.09	.20	.46	.18
Alabama.....	.2	-.12	.03	-.09	-.07	-.04	-.04	-.04	.02	.13	.23	.14
Arkansas.....	.5	-.06	.03	-.01	-.17	.15	.06	-.08	.12	.21	.17	.17
Florida.....	1.6	-.07	(¹)	0	.05	-.01	.04	.12	.14	.32	.76	.22
Georgia.....	1.0	-.02	.01	-.09	.25	-.27	-.01	.15	.12	.22	.36	.30
Kentucky.....	.3	.11	.08	-.21	-.06	-.12	-.18	.11	.02	.11	.28	.12
Louisiana.....	.9	0	.24	-.13	.12	.15	0	.06	-.01	.11	.21	.11
Mississippi.....	.3	-.04	.06	.09	-.17	-.01	-.39	-.02	.04	.09	.35	.24
North Carolina.....	.4	-.14	.01	0	-.17	-.16	-.14	.08	.14	.16	.45	.11
South Carolina.....	.8	-.01	0	-.04	.06	.08	-.02	.04	.08	.14	.27	.21
Tennessee.....	1.1	0	0	-.07	-.03	0	.04	.05	.11	.19	.59	.17
Virginia.....	.9	0	.02	.07	-.04	.03	.03	.04	.08	.19	.43	.08
West Virginia.....	.2	.02	.23	-.22	-.14	.20	-.35	.04	-.01	.12	.27	.05
Southwest	1.0	-.05	.12	.07	-.08	-.02	.08	-.01	.04	.25	.42	.18
Arizona.....	.8	-.08	.01	.04	-.06	.02	0	-.03	.17	.33	.11	.29
New Mexico.....	1.9	.12	.19	-.03	.04	-.04	.06	0	.11	.13	.72	.55
Oklahoma.....	.8	-.06	.23	.08	-.28	.10	.06	-.36	.09	.13	.54	.22
Texas.....	1.0	-.06	.13	.08	-.07	-.04	.09	0	.26	.26	.45	.13
Rocky Mountain	1.0	.07	-.03	-.06	-.21	0	-.04	.12	.14	.18	.70	.12
Colorado.....	1.1	-.01	-.13	-.04	-.24	.05	.04	.18	.17	.19	.81	.04
Idaho.....	1.0	.24	.02	.20	-.31	-.07	-.30	.01	.15	.13	.63	.29
Montana.....	1.5	.69	-.01	0	0	-.13	.12	-.01	.07	.18	.58	-.03
Utah.....	.5	0	.04	-.29	-.17	-.05	-.23	.06	.07	.20	.58	.30
Wyoming.....	1.6	-.01	.68	-.06	-.01	.07	.18	.08	.15	.17	.15	.15
Far West	1.2	.07	.01	.01	-.15	.04	.02	.06	.11	.25	.52	.26
Alaska.....	1.1	0	.41	-.04	-.21	-.15	.01	.02	.09	.08	.49	.32
California.....	1.4	.08	.01	.05	-.15	.06	.04	.08	.11	.27	.54	.26
Hawaii.....	.9	.04	0	-.07	.01	.09	-.03	.05	.13	.20	.32	.17
Nevada.....	2.1	.01	.03	.16	.11	-.09	-.01	.09	.20	.36	.83	.35
Oregon.....	1.0	.05	0	-.33	.55	.02	-.05	-.08	.08	.17	.30	.19
Washington.....	.3	.05	0	-.06	-.67	.02	0	-.02	.05	.20	.46	.27

1. Data are suppressed to avoid disclosure of confidential information.

and Earnings by Industry¹, 1999:IV-2001:II—Continued
adjusted at annual rates]

Table with columns for Region (Southwest, Arizona, New Mexico, Rocky Mountain, Colorado, Idaho) and Year (1999, 2000, 2001). Rows include industry codes (IV, I, II, III, IV, I, II) and numerical values. A 'Line' column on the right indicates row numbering from 1 to 34.

Table 2.—Personal Income by Major Source
[Millions of dollars, seasonally]

Table with columns for State (Montana, Utah, California, Hawaii), Line, and Item. Rows include 'Income by place of residence', 'Derivation of personal income', 'Earnings by place of work', and 'Earnings by industry'. Data is presented for years 1999, 2000, and 2001, with sub-columns for various income sources (I, II, III, IV) and preliminary/revised indicators.

P Preliminary. R Revised. Not shown to avoid disclosure of confidential information, but the estimates for this item are included in the total. The estimates of earnings for 1999–2001 are based on the 1987 Standard Industrial Classification (SIC). Personal contributions for social insurance are included in earnings by type and industry, but they are

excluded from personal income. 3. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Wage and salary disbursements to U.S. residents commuting to Canada less wage and salary disbursements to Canadian and Mexican residents commuting into the United States. 4. Rental income of persons includes the capital consumption adjustment.

State Per Capita Personal Income, Revised Estimates for 1991–2000

Tables 1 and 2 below present interim estimates of State per capita personal income for 1991–2000. As previously announced, the release of the State per capita personal income estimates was delayed until after the Bureau of the Census decided whether to adjust the population counts for 2000 that were released in March 2001 for redistricting purposes. On October 17, 2001, the Census Bureau announced that it would not adjust the population counts and that the remaining census 2000 data products, postcensal estimates, and survey

controls would use the unadjusted counts.

In order to provide its users with consistent estimates, BEA has developed population estimates for 1991–99 and has incorporated them into the interim estimates of State per capita personal income. After the Census Bureau provides State population estimates for 1991–99 that are consistent with the population estimates for 2000 in March 2002, BEA will incorporate them and issue revised State per capita income estimates.

Table 1.—Per Capita Personal Income, 1991–2000¹

[Dollars]

Area name	1991 ^r	1992 ^r	1993 ^r	1994 ^r	1995 ^r	1996 ^r	1997 ^r	1998 ^r	1999 ^r	2000 ^r	Rank 2000 ^r
United States	20,039	20,979	21,557	22,358	23,272	24,286	25,427	26,909	27,859	29,451	.....
New England	23,194	24,321	25,005	25,948	27,060	28,359	29,946	31,870	33,296	35,824	.....
Connecticut.....	26,775	28,446	29,309	30,130	31,423	32,814	34,803	37,190	38,506	40,870	1
Maine.....	17,638	18,300	18,733	19,425	20,102	21,118	22,091	23,352	24,220	25,399	36
Massachusetts.....	23,691	24,755	25,477	26,580	27,711	29,188	30,799	32,748	34,482	37,710	2
New Hampshire.....	21,286	22,071	22,395	23,643	24,775	25,751	27,254	29,297	30,690	33,042	6
Rhode Island.....	20,257	21,037	21,794	22,92	23,427	24,349	25,685	26,870	27,813	29,158	17
Vermont.....	18,182	19,216	19,667	20,389	21,147	22,029	23,037	24,557	25,514	26,904	30
Mideast	23,139	24,241	24,705	25,381	26,441	27,680	28,887	30,583	31,660	33,549	.....
Delaware.....	22,272	22,950	23,600	24,225	24,996	26,143	26,812	28,649	29,625	31,074	12
District of Columbia.....	27,797	29,436	30,756	31,496	31,479	32,455	33,811	35,568	36,254	38,374	.....
Maryland.....	23,533	24,279	24,982	25,877	26,678	27,574	28,892	30,496	31,860	33,621	5
New Jersey.....	25,084	26,453	26,881	27,583	28,881	30,296	31,757	33,646	34,666	37,112	3
New York.....	23,850	25,005	25,293	25,954	27,190	28,594	29,694	31,522	32,620	34,502	4
Pennsylvania.....	20,453	21,441	22,043	22,634	23,441	24,465	25,630	27,005	27,971	29,533	16
Great Lakes	19,573	20,709	21,489	22,603	23,545	24,407	25,587	26,984	27,832	29,122	.....
Illinois.....	21,276	22,669	23,239	24,235	25,375	26,667	27,942	29,491	30,274	31,842	10
Indiana.....	18,020	19,194	19,995	20,989	21,634	22,511	23,427	24,908	25,682	26,838	32
Michigan.....	19,311	20,263	21,366	22,829	23,931	24,394	25,505	26,870	27,886	29,071	18
Ohio.....	19,201	20,208	20,946	21,989	22,791	23,495	24,770	25,918	26,725	27,914	20
Wisconsin.....	18,678	19,802	20,529	21,545	22,373	23,303	24,484	26,018	26,863	28,066	19
Plains	18,806	19,852	20,272	21,393	22,150	23,530	24,526	26,010	26,780	28,219	.....
Iowa.....	17,827	18,871	18,827	20,351	20,991	22,469	23,503	24,531	24,945	26,376	33
Kansas.....	18,813	19,914	20,446	21,265	21,777	22,978	24,183	25,538	26,312	27,408	28
Minnesota.....	20,445	21,605	21,926	23,266	24,320	25,930	27,112	29,109	30,127	31,913	9
Missouri.....	18,525	19,468	20,180	21,107	21,887	22,840	23,937	25,176	25,815	27,186	29
Nebraska.....	18,717	19,586	20,010	20,949	21,908	23,672	24,146	25,558	26,663	27,658	25
North Dakota.....	16,237	17,620	17,721	18,879	18,890	20,908	20,506	22,785	23,053	24,780	38
South Dakota.....	16,918	17,875	18,424	19,409	19,597	21,407	21,893	23,484	24,491	25,993	34
Southeast	17,918	18,769	19,506	20,307	21,165	22,056	23,004	24,258	24,940	26,179	.....
Alabama.....	16,509	17,406	17,904	18,738	19,524	20,133	20,891	21,913	22,706	23,460	43
Arkansas.....	15,194	16,294	16,792	17,469	18,179	18,982	19,670	20,531	21,191	21,945	47
Florida.....	20,096	20,471	21,354	21,930	22,974	23,942	24,901	26,159	26,560	27,836	21
Georgia.....	18,224	19,197	19,916	20,873	21,840	23,090	23,945	25,481	26,522	27,790	23
Kentucky.....	16,214	17,264	17,729	18,394	19,061	19,960	20,982	22,123	22,712	24,057	39
Louisiana.....	16,040	16,891	17,597	18,610	19,321	19,981	20,875	21,954	22,292	23,041	45
Mississippi.....	13,775	14,644	15,363	16,398	16,990	17,799	18,588	19,674	20,180	20,856	50
North Carolina.....	17,803	18,958	19,787	20,577	21,476	22,361	23,478	24,667	25,314	26,842	31
South Carolina.....	16,367	17,078	17,669	18,496	19,227	20,093	21,005	22,127	22,903	23,952	40
Tennessee.....	17,448	18,723	19,556	20,439	21,462	22,032	22,821	24,106	24,722	25,878	35
Virginia.....	21,052	21,883	22,647	23,534	24,230	25,213	26,418	28,032	29,208	31,065	13
West Virginia.....	15,214	16,107	16,707	17,390	17,882	18,528	19,342	20,235	20,720	21,767	49
Southwest	17,689	18,518	19,116	19,831	20,644	21,528	22,884	24,373	25,128	26,477	.....
Arizona.....	17,463	17,927	18,440	19,331	20,059	20,890	21,896	23,121	23,738	24,991	37
New Mexico.....	15,674	16,279	16,997	17,628	18,435	18,963	19,610	20,520	20,920	21,883	48
Oklahoma.....	16,683	17,446	17,962	18,559	19,174	19,876	20,771	21,966	22,576	23,582	42
Texas.....	18,102	19,043	19,666	20,370	21,239	22,197	23,777	25,426	26,266	27,722	24
Rocky Mountain	18,143	18,925	19,789	20,486	21,453	22,441	23,657	25,058	26,122	27,775	.....
Colorado.....	20,396	21,256	22,225	23,081	24,314	25,536	27,088	28,783	30,225	32,441	7
Idaho.....	16,160	17,162	18,140	18,684	19,419	20,091	20,525	21,622	22,387	23,640	41
Montana.....	16,478	17,050	17,970	17,993	18,588	19,165	19,909	21,235	21,511	22,541	46
Utah.....	15,603	16,234	16,844	17,651	18,514	19,519	20,618	21,624	22,335	23,364	44
Wyoming.....	18,814	19,439	20,114	20,720	21,210	21,724	23,348	24,687	25,960	27,436	27
Far West	21,654	22,391	22,683	23,257	24,197	25,225	26,374	27,998	29,402	31,491	.....
Alaska.....	23,238	23,861	24,692	25,144	25,659	25,889	26,876	27,610	27,947	29,597	14
California.....	22,002	22,677	22,858	23,379	24,374	25,409	26,555	28,277	29,818	32,225	8
Hawaii.....	23,087	24,085	24,806	25,038	25,211	25,212	25,714	26,135	26,658	27,819	22
Nevada.....	21,132	22,374	22,970	23,945	24,908	26,009	26,836	28,190	28,883	29,551	15
Oregon.....	18,754	19,449	20,235	21,184	22,355	23,257	24,365	25,406	26,192	27,649	26
Washington.....	20,862	21,836	22,290	22,948	23,658	25,007	26,457	28,287	29,783	31,129	11

^r Revised.

1. Per capita personal income was computed using midyear population estimates. The Census Bureau has not yet released intercensal population estimates that incorporate the results of the 2000 Decennial Census. BEA converted the April 1, 2000, Census Bureau population counts to a midyear 2000 basis and derived an interim set of population estimates for 1991–99 that are consistent with 1990 and 2000 population data.

Table 2.—Per Capita Disposable Personal Income, 1991–2000¹
[Dollars]

Area name	1991 ^r	1992 ^r	1993 ^r	1994 ^r	1995 ^r	1996 ^r	1997 ^r	1998 ^r	1999 ^r	2000 ^r	Rank
											2000 ^r
United States	17,630	18,502	18,963	19,613	20,350	21,059	21,875	23,031	23,707	24,891	.....
New England	20,202	21,154	21,670	22,445	23,249	24,106	25,132	26,541	27,513	29,381	.....
Connecticut.....	23,299	24,441	25,067	25,796	26,638	27,468	28,616	30,292	31,131	32,820	1
Maine.....	15,640	16,302	16,691	17,228	17,796	18,581	19,249	20,190	20,877	21,795	37
Massachusetts.....	20,433	21,420	21,965	22,626	23,612	24,598	25,668	27,069	28,211	30,593	3
New Hampshire.....	19,070	19,789	19,966	21,101	22,043	22,668	23,724	25,459	26,486	28,323	4
Rhode Island.....	17,887	18,653	19,278	19,661	20,673	21,369	22,323	23,204	23,995	25,008	17
Vermont.....	16,030	17,015	17,392	18,047	18,718	19,317	20,027	21,267	22,028	23,069	31
Mideast	20,074	21,071	21,403	21,925	22,794	23,663	24,468	25,726	26,440	27,827	.....
Delaware.....	19,300	19,952	20,477	20,892	21,499	22,334	22,610	24,181	25,052	26,264	11
District of Columbia.....	24,160	25,799	26,999	27,424	27,372	27,801	28,483	29,652	29,723	31,116	.....
Maryland.....	20,271	21,012	21,570	22,263	22,917	23,451	24,382	25,601	26,704	28,044	6
New Jersey.....	21,811	23,037	23,298	23,842	24,913	25,957	26,916	28,243	28,825	30,640	2
New York.....	20,505	21,567	21,694	22,209	23,248	24,234	24,916	26,257	26,879	28,187	5
Pennsylvania.....	18,050	18,889	19,431	19,888	20,512	21,244	22,107	23,183	23,966	25,195	16
Great Lakes	17,130	18,201	18,793	19,698	20,445	21,031	21,922	23,014	23,702	24,689	.....
Illinois.....	18,609	19,932	20,343	21,113	22,049	23,003	23,915	25,084	25,651	26,849	8
Indiana.....	15,800	16,851	17,486	18,260	18,785	19,452	20,129	21,434	22,116	23,062	32
Michigan.....	16,889	17,860	18,682	19,224	20,783	20,998	21,864	22,877	23,738	24,546	18
Ohio.....	16,840	17,780	18,341	19,924	19,809	20,256	21,270	22,172	22,843	23,719	24
Wisconsin.....	16,281	17,270	17,863	18,669	19,343	19,981	20,839	22,056	22,743	23,846	23
Plains	16,591	17,538	17,848	18,812	19,387	20,475	21,207	22,427	23,106	24,207	.....
Iowa.....	15,716	16,706	16,589	17,966	18,496	19,760	20,513	21,396	21,699	22,897	35
Kansas.....	16,634	17,679	18,074	18,757	19,085	20,030	20,914	22,063	22,700	23,497	26
Minnesota.....	17,771	18,727	18,910	20,068	20,881	22,002	22,943	24,529	25,560	26,796	9
Missouri.....	16,401	17,278	17,895	18,640	19,249	19,961	20,808	21,800	22,326	23,444	27
Nebraska.....	16,673	17,466	17,811	18,603	19,330	20,872	21,067	22,200	23,174	23,860	22
North Dakota.....	14,609	15,936	15,917	17,003	16,911	18,786	18,231	20,369	20,566	22,070	36
South Dakota.....	15,485	16,337	16,746	17,713	17,788	19,484	19,691	21,139	21,918	23,172	30
Southeast	15,965	16,735	17,359	18,010	18,718	19,365	20,060	21,071	21,598	22,552	.....
Alabama.....	14,734	15,567	15,985	16,671	17,333	17,792	18,387	19,275	19,964	20,537	41
Arkansas.....	13,628	14,636	15,073	15,591	16,183	16,850	17,362	18,058	18,645	19,233	47
Florida.....	18,064	18,346	19,112	19,573	20,457	21,088	21,737	22,718	22,975	23,911	21
Georgia.....	16,052	16,944	17,501	18,313	19,089	20,052	20,634	21,867	22,700	23,645	25
Kentucky.....	14,337	15,260	15,642	16,170	16,683	17,393	18,196	19,129	19,602	20,704	40
Louisiana.....	14,451	15,268	15,885	16,769	17,362	17,753	18,420	19,407	19,760	20,347	43
Mississippi.....	12,525	13,327	13,932	14,817	15,321	15,995	16,660	17,598	18,039	18,612	50
North Carolina.....	15,682	16,754	17,456	18,056	18,802	19,466	20,293	21,232	21,733	22,965	33
South Carolina.....	14,572	15,235	15,735	16,410	16,973	17,644	18,371	19,271	19,935	20,775	39
Tennessee.....	15,793	16,946	17,690	18,426	19,309	19,683	20,306	21,432	21,971	22,923	34
Virginia.....	18,412	19,183	19,804	20,481	21,020	21,734	22,582	23,751	24,482	25,855	13
West Virginia.....	13,601	14,449	14,991	15,544	15,940	16,460	17,134	17,897	18,316	19,187	48
Southwest	15,838	16,621	17,131	17,745	18,436	19,072	20,151	21,373	22,018	23,072	.....
Arizona.....	15,478	15,945	16,360	17,107	17,709	18,259	19,049	19,992	20,462	21,450	38
New Mexico.....	14,063	14,592	15,175	15,700	16,444	16,834	17,303	18,093	18,398	19,150	49
Oklahoma.....	14,805	15,546	16,007	16,495	17,037	17,532	18,179	19,212	19,740	20,528	42
Texas.....	16,264	17,147	17,681	18,297	19,032	19,734	21,009	22,366	23,099	24,233	19
Rocky Mountain	16,000	16,657	17,378	17,913	18,749	19,454	20,380	21,513	22,296	23,528	.....
Colorado.....	17,862	18,586	19,374	20,036	21,117	21,987	23,144	24,426	25,485	27,141	7
Idaho.....	14,326	15,124	16,012	16,466	17,098	17,626	17,936	18,886	19,422	20,312	44
Montana.....	14,705	15,195	16,033	15,961	16,530	16,960	17,544	18,690	18,860	19,668	46
Utah.....	13,802	14,346	14,835	15,455	16,154	16,930	17,796	18,707	19,249	20,018	45
Wyoming.....	16,881	17,416	17,948	18,452	18,875	18,853	20,188	21,299	22,286	23,371	28
Far West	19,013	19,777	20,018	20,465	21,204	21,853	22,608	23,834	24,623	26,079	.....
Alaska.....	20,627	21,188	21,966	22,285	22,751	22,862	23,630	24,170	24,477	25,818	14
California.....	19,284	20,029	20,166	20,564	21,324	21,952	22,659	23,967	24,809	26,472	10
Hawaii.....	20,120	21,147	21,830	22,089	22,266	22,174	22,545	22,858	23,208	24,123	20
Nevada.....	18,664	19,707	20,130	21,063	21,900	22,589	23,354	24,336	24,868	25,289	15
Oregon.....	16,342	16,929	17,559	18,301	19,332	19,946	20,725	21,638	22,190	23,183	29
Washington.....	18,583	19,469	19,912	20,414	20,997	21,994	23,081	24,358	25,204	26,201	12

^r Revised.
1. Per capita disposable personal income was computed using midyear population estimates. The Census Bureau has not yet released intercensal population estimates that incorporate the results of the 2000 Decennial Census. BEA converted the April 1, 2000, Census Bureau population counts to a midyear 2000 basis and derived an interim set of population estimates for 1991–99 that are consistent with 1990 and 2000 population data.

National Data

A. Selected NIPA Tables

The tables in this section include the most recent estimates of gross domestic product and its components; these estimates were released on October 31, 2001, and include the “advance” estimates for the third quarter of 2001.

The selected set of NIPA tables shown in this section presents quarterly estimates, which are updated monthly; in most of these tables, annual estimates are also shown.

The news release on gross domestic product is available within minutes of the time of release, and the “Selected NIPA Tables” are available later that day, on BEA’s Web site <www.bea.doc.gov> and on STAT-USA’s Web site <www.stat-usa.gov>.

The “Selected NIPA Tables” are also available on printouts or diskettes from BEA. To order NIPA subscription products, call the BEA Order Desk at 1-800-704-0415 (outside the United States, 202-606-9666)

S. Summary Tables

Table S.1.—Summary of Percent Change From Preceding Period in Real Gross Domestic Product and Related Measures

	[Percent]						
	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross domestic product	4.1	4.1	1.3	1.9	1.3	.3	-.4
Personal consumption expenditures.....	5.0	4.8	4.3	3.1	3.0	2.5	1.2
Durable goods.....	12.5	9.5	8.2	-2.1	10.6	7.0	1.7
Nondurable goods.....	4.7	4.7	4.2	.6	2.4	.3	.6
Services.....	3.7	4.0	3.5	5.6	1.8	2.8	1.4
Gross private domestic investment.....	6.6	6.8	-2.8	-2.3	-12.3	-12.1	-10.7
Fixed investment.....	7.8	7.6	2.5	.5	1.9	-9.7	-8.4
Nonresidential.....	8.2	9.9	7.1	1.0	-2	-14.6	-11.9
Structures.....	-2.0	6.2	15.2	7.6	12.3	-12.2	-12.1
Equipment and software.....	11.8	11.1	4.7	-1.1	-4.1	-15.4	-11.8
Residential.....	6.7	.8	-10.4	-1.1	8.5	5.9	1.9
Change in private inventories.....							
Net exports of goods and services.....							
Exports.....	3.2	9.5	10.6	-4.0	-1.2	-11.9	-16.6
Goods.....	3.9	11.3	18.3	-6.9	-2.4	-17.3	-18.2
Services.....	1.6	5.3	-6.7	3.7	1.8	2.4	-12.9
Imports.....	10.5	13.4	13.0	-5	-5.0	-8.4	-15.2
Goods.....	12.4	13.5	12.3	-6	-6.7	-9.5	-12.6
Services.....	1.1	12.6	17.1	.0	4.9	-2.0	-29.0
Government consumption expenditures and gross investment.....	3.3	2.7	-1.8	3.3	5.3	5.0	1.8
Federal.....	2.2	1.7	-10.4	4.6	3.2	1.8	4.6
National defense.....	2.1	.1	-10.4	10.5	7.5	2.3	5.0
Nondefense.....	2.3	4.6	-10.4	-5.1	-4.3	.9	3.9
State and local.....	3.9	3.2	3.0	2.7	6.4	6.6	.4
Addenda:							
Final sales of domestic product.....	4.3	4.3	2.3	2.4	4.0	.7	.0
Gross domestic purchases..	5.0	4.8	2.0	2.2	.7	.4	-.7
Final sales to domestic purchasers.....	5.2	4.9	2.9	2.7	3.2	.8	-.3
Gross national product.....	4.0	4.1	1.3	2.8	.8	.3	
Disposable personal income	2.5	3.5	2.6	4.2	2.7	2.4	12.8

NOTE.— Percent changes from preceding period in the current-dollar and price measures for these series are shown in table 8.1.

Table S.2.—Summary of Contributions to Percent Change in Real Gross Domestic Product

	1999	2000	Seasonally adjusted at annual rates					
			2000		2001			
			III	IV	I	II	III	
Percent change at annual rate:								
Gross domestic product	4.1	4.1	1.3	1.9	1.3	.3	-.4	
Percentage points at annual rates:								
Personal consumption expenditures.....	3.35	3.28	2.88	2.14	2.05	1.72	.83	
Durable goods.....	.97	.77	.65	-.17	.83	.56	.14	
Nondurable goods.....	.93	.94	.84	.12	.49	.06	.12	
Services.....	1.45	1.57	1.38	2.19	.73	1.10	.58	
Gross private domestic investment.....	1.14	1.19	-.51	-.42	-2.28	-2.16	-1.82	
Fixed investment.....	1.29	1.28	.44	.09	.33	-1.74	-1.45	
Nonresidential.....	1.01	1.25	.91	.13	-.02	-1.99	-1.53	
Structures.....	-.07	.19	.45	.24	.39	-.44	-.42	
Equipment and software.....	1.08	1.06	.46	-.11	-.41	-1.55	-1.11	
Residential.....	.28	.04	-.47	-.05	.35	.25	.08	
Change in private inventories.....	-.15	-.09	-.95	-.50	-2.61	-.42	-.37	
Net exports of goods and services.....	-.98	-.79	-.70	-.39	.63	-.12	.32	
Exports.....	.35	1.01	1.13	-.46	-.13	-1.37	-1.87	
Goods.....	.30	.85	1.36	-.58	-.19	-1.45	-1.44	
Services.....	.05	.17	-.22	.12	.06	.08	-.43	
Imports.....	-1.33	-1.81	-1.84	.07	.76	1.25	2.19	
Goods.....	-1.31	-1.54	-1.48	.07	.87	1.21	1.53	
Services.....	-.02	-.26	-.36	.00	-.11	.05	.66	
Government consumption expenditures and gross investment.....	.58	.47	-.32	.58	.92	.87	.32	
Federal.....	.13	.10	-.66	.27	.19	.11	.27	
National defense.....	.08	.00	-.42	.38	.28	.09	.19	
Nondefense.....	.05	.10	-.24	-.11	-.09	.02	.08	
State and local.....	.44	.37	.34	.31	.73	.76	.05	

NOTE.— More detailed contributions to percent change in real gross domestic product are shown in table 8.2. Contributions to percent change in major components of real gross domestic product are shown in tables 8.3 through 8.6.

1. National Product and Income

Table 1.1.—Gross Domestic Product
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,247.7
Personal consumption expenditures	6,250.2	6,728.4	6,785.5	6,871.4	6,977.6	7,044.6	7,059.0
Durable goods.....	760.9	819.6	825.4	818.7	838.1	844.7	842.2
Nondurable goods.....	1,831.3	1,989.6	2,012.4	2,025.1	2,047.1	2,062.3	2,057.8
Services.....	3,658.0	3,919.2	3,947.7	4,027.5	4,092.4	4,137.6	4,158.9
Gross private domestic investment	1,636.7	1,767.5	1,788.4	1,780.3	1,722.8	1,669.9	1,622.6
Fixed investment.....	1,578.2	1,718.1	1,735.9	1,741.6	1,748.3	1,706.5	1,669.2
Nonresidential.....	1,174.6	1,293.1	1,314.9	1,318.2	1,311.2	1,260.2	1,219.7
Structures.....	283.5	313.6	321.1	330.9	345.8	338.6	329.7
Equipment and software.....	891.1	979.5	993.8	987.3	965.4	921.7	890.0
Residential.....	403.5	425.1	421.0	423.4	437.0	446.2	449.5
Change in private inventories.....	58.6	49.4	52.5	38.7	-25.5	-36.6	-46.6
Net exports of goods and services	-250.9	-364.0	-380.6	-390.6	-363.8	-347.4	-277.3
Exports.....	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,028.1
Goods.....	698.3	785.6	813.4	799.7	794.2	754.4	713.5
Services.....	291.5	317.3	317.7	321.3	323.2	325.2	314.6
Imports.....	1,240.6	1,466.9	1,511.8	1,511.6	1,481.2	1,427.0	1,305.4
Goods.....	1,046.9	1,244.9	1,283.0	1,284.0	1,248.7	1,197.8	1,135.4
Services.....	193.7	221.9	228.7	227.7	232.5	229.2	170.0
Government consumption expenditures and gross investment	1,632.5	1,741.0	1,744.2	1,766.8	1,805.2	1,835.4	1,843.5
Federal.....	564.0	590.2	587.0	594.2	605.3	609.9	617.1
National defense.....	364.5	375.4	372.1	382.4	392.9	396.1	401.1
Nondefense.....	199.5	214.8	214.9	211.8	212.4	213.8	216.0
State and local.....	1,068.5	1,150.8	1,157.2	1,172.6	1,199.8	1,225.5	1,226.4

NOTE.— Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.2.—Real Gross Domestic Product
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,333.4
Personal consumption expenditures	5,968.4	6,257.8	6,292.1	6,341.1	6,388.5	6,428.4	6,447.8
Durable goods.....	817.8	895.5	904.1	899.4	922.4	938.1	942.0
Nondurable goods.....	1,766.4	1,849.9	1,864.1	1,866.8	1,878.0	1,879.4	1,882.1
Services.....	3,393.2	3,527.7	3,540.2	3,588.8	3,605.1	3,629.8	3,642.6
Gross private domestic investment	1,660.1	1,772.9	1,788.8	1,778.3	1,721.0	1,666.2	1,619.6
Fixed investment.....	1,595.4	1,716.2	1,730.1	1,732.1	1,740.3	1,696.4	1,659.5
Nonresidential.....	1,228.6	1,350.7	1,371.1	1,374.5	1,373.9	1,320.9	1,279.8
Structures.....	256.9	272.8	278.2	283.3	291.7	282.3	273.3
Equipment and software.....	978.3	1,087.4	1,102.3	1,099.3	1,087.7	1,043.2	1,011.0
Residential.....	368.3	371.4	366.3	365.3	372.9	378.3	380.0
Change in private inventories.....	62.1	50.6	51.7	42.8	-27.1	-38.3	-50.4
Net exports of goods and services	-316.9	-399.1	-411.2	-421.1	-404.5	-406.7	-395.0
Exports.....	1,034.9	1,133.2	1,159.3	1,147.5	1,144.1	1,108.3	1,059.0
Goods.....	751.3	836.1	864.8	849.5	844.4	805.2	765.7
Services.....	284.2	299.3	297.8	300.5	301.8	303.6	293.3
Imports.....	1,351.7	1,532.3	1,570.6	1,568.5	1,548.6	1,515.0	1,454.0
Goods.....	1,159.2	1,315.6	1,348.0	1,345.9	1,322.8	1,290.1	1,247.4
Services.....	194.3	218.7	224.6	224.7	227.4	226.2	207.7
Government consumption expenditures and gross investment	1,531.8	1,572.6	1,570.0	1,582.8	1,603.4	1,623.0	1,630.1
Federal.....	536.7	545.9	541.8	547.9	552.2	554.7	561.0
National defense.....	348.6	349.0	345.1	353.8	360.3	362.4	366.8
Nondefense.....	188.1	196.7	196.5	194.0	191.8	192.3	194.1
State and local.....	994.7	1,026.3	1,027.6	1,034.3	1,050.5	1,067.4	1,068.4
Residual.....	.1	-4.4	-6.0	-3.3	5.2	14.3	19.6

NOTE.— Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines. Percent changes from preceding period for selected items in this table are shown in table 8.1; contributions to the percent change in real gross domestic product are shown in table 8.2.

Chain-type quantity indexes for the series in this table are shown in table 7.1.

Table 1.3.—Gross Domestic Product by Major Type of Product

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,247.7
Final sales of domestic product.....	9,210.0	9,823.6	9,884.9	9,989.2	10,167.2	10,239.1	10,294.3
Change in private inventories.....	58.6	49.4	52.5	38.7	-25.5	-36.6	-46.6
Goods	3,477.2	3,694.2	3,729.7	3,709.3	3,693.4	3,678.4	3,651.3
Final sales.....	3,418.6	3,644.8	3,677.2	3,670.6	3,718.8	3,715.0	3,697.9
Change in private inventories.....	58.6	49.4	52.5	38.7	-25.5	-36.6	-46.6
Durable goods.....	1,654.1	1,769.9	1,786.8	1,772.2	1,724.8	1,694.9	1,657.0
Final sales.....	1,618.8	1,735.2	1,753.8	1,740.7	1,755.8	1,737.2	1,704.0
Change in private inventories ¹	35.3	34.7	33.0	31.5	-31.0	-42.3	-47.0
Nondurable goods.....	1,823.1	1,924.3	1,942.9	1,937.1	1,968.6	1,983.5	1,994.3
Final sales.....	1,799.8	1,909.6	1,923.5	1,929.9	1,963.1	1,977.8	1,993.9
Change in private inventories ¹	23.3	14.7	19.5	7.2	5.5	5.8	4.4
Services	4,939.1	5,268.4	5,296.1	5,393.0	5,482.8	5,545.7	5,632.4
Structures	852.3	910.3	911.6	925.6	965.6	978.4	964.0
Addenda:							
Motor vehicle output.....	353.5	353.0	351.4	332.1	315.5	331.5	336.0
Gross domestic product less motor vehicle output.....	8,915.1	9,519.9	9,586.0	9,695.8	9,826.3	9,871.1	9,911.8

1. Estimates for durable goods and nondurable goods for 1997 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

NOTE.— Percent changes from preceding period for gross domestic product and for final sales of domestic product are shown in table 8.1.

Table 1.4.—Real Gross Domestic Product by Major Type of Product

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,333.4
Final sales of domestic product.....	8,792.0	9,167.0	9,201.3	9,256.7	9,347.8	9,364.8	9,365.2
Change in private inventories.....	62.1	50.6	51.7	42.8	-27.1	-38.3	-50.4
Residual.....	2.4	6.4	7.1	4.4	13.8	15.2	18.6
Goods	3,516.1	3,719.4	3,752.9	3,730.3	3,706.2	3,672.2	3,647.5
Final sales.....	3,451.7	3,663.1	3,694.5	3,684.5	3,726.3	3,703.1	3,687.9
Change in private inventories.....	62.1	50.6	51.7	42.8	-27.1	-38.3	-50.4
Durable goods.....	1,762.7	1,908.1	1,926.8	1,913.1	1,873.6	1,848.9	1,811.3
Final sales.....	1,722.9	1,868.7	1,889.0	1,877.1	1,907.3	1,894.8	1,863.4
Change in private inventories.....	37.5	36.0	34.8	32.8	-32.8	-44.5	-51.1
Nondurable goods.....	1,759.3	1,822.2	1,837.3	1,828.0	1,839.8	1,829.4	1,838.3
Final sales.....	1,734.5	1,804.8	1,816.5	1,817.6	1,830.5	1,819.5	1,832.0
Change in private inventories ¹	24.6	15.1	17.2	10.5	4.5	4.5	-8.8
Services	4,572.8	4,725.1	4,732.5	4,789.9	4,816.1	4,848.4	4,877.4
Structures	774.3	792.2	789.9	794.3	817.6	821.8	806.9
Residual.....	-10.1	-17.9	-19.8	-18.3	-8.7	-2.8	5.6
Addenda:							
Motor vehicle output.....	356.2	353.8	352.2	333.1	318.1	336.1	340.2
Gross domestic product less motor vehicle output.....	8,502.0	8,870.8	8,908.5	8,969.8	9,014.0	9,004.9	8,992.8

1. Estimates for durable goods and nondurable goods for 1997 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

NOTE.— Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line following change in private inventories is the difference between gross domestic product and the sum of final sales of domestic product and of change in private inventories; the residual line following structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.

Percent changes from preceding period for gross domestic product and for final sales of domestic product are shown in table 8.1.

Chain-type quantity indexes for the series in this table are shown in table 7.17.

Table 1.5.—Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers

[Billions of dollars]

Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,247.7
Less: Exports of goods and services.....	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,028.1
Plus: Imports of goods and services.....	1,240.6	1,466.9	1,511.8	1,511.6	1,481.2	1,427.0	1,305.4
Equals: Gross domestic purchases	9,519.5	10,236.9	10,318.1	10,418.5	10,505.6	10,549.9	10,525.1
Less: Change in private inventories.....	58.6	49.4	52.5	38.7	-25.5	-36.6	-46.6
Equals: Final sales to domestic purchasers	9,460.9	10,187.5	10,265.6	10,379.8	10,531.0	10,586.5	10,571.7

NOTE.— Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.6.—Relation of Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers

[Billions of chained (1996) dollars]

Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,333.4
Less: Exports of goods and services.....	1,034.9	1,133.2	1,159.3	1,147.5	1,144.1	1,108.3	1,059.0
Plus: Imports of goods and services.....	1,351.7	1,532.3	1,570.6	1,568.5	1,548.6	1,515.0	1,454.0
Equals: Gross domestic purchases	9,154.9	9,594.7	9,641.5	9,694.4	9,710.4	9,720.4	9,704.5
Less: Change in private inventories.....	62.1	50.6	51.7	42.8	-27.1	-38.3	-50.4
Equals: Final sales to domestic purchasers	9,090.3	9,537.7	9,582.5	9,647.1	9,723.8	9,743.7	9,736.6

NOTE.— Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Percent changes from preceding period for selected series in this table are shown in table 8.1.

Chain-type quantity indexes for selected series in this table are shown in table 7.2.

Table 1.7.—Gross Domestic Product by Sector

[Billions of dollars]

Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,247.7
Business ¹	7,840.6	8,356.8	8,411.6	8,487.8	8,574.1	8,609.4	8,629.7
Nonfarm ²	7,766.3	8,277.8	8,331.0	8,404.3	8,489.2	8,525.2	8,540.0
Nonfarm less housing.....	7,015.2	7,480.8	7,530.6	7,592.5	7,670.5	7,687.7	7,698.7
Housing.....	751.1	796.9	800.4	811.9	818.7	837.5	841.3
Farm.....	74.3	79.0	80.7	83.5	84.9	84.2	89.7
Households and institutions	403.3	432.0	435.7	443.6	454.3	465.6	475.4
Private households.....	12.7	13.6	13.8	14.4	14.8	15.1	15.4
Nonprofit institutions.....	390.6	418.4	421.9	429.2	439.5	450.5	460.0
General government ³	1,024.7	1,084.2	1,090.1	1,096.5	1,113.3	1,127.6	1,142.7
Federal.....	308.1	323.8	324.6	323.2	329.6	332.2	335.1
State and local.....	716.6	760.4	765.5	773.3	783.7	795.3	807.5

1. Equals gross domestic product less gross product of households and institutions and of general government.

2. Equals gross domestic business product less gross farm product.

3. Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.7.

Table 1.8.—Real Gross Domestic Product by Sector

[Billions of chained (1996) dollars]

Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,333.4
Business ¹	7,539.7	7,879.1	7,912.1	7,949.8	7,971.6	7,967.3	7,947.7
Nonfarm ²	7,433.1	7,761.5	7,792.8	7,828.7	7,852.6	7,853.2	7,832.9
Nonfarm less housing.....	6,744.6	7,053.3	7,083.9	7,115.8	7,141.0	7,132.3	7,117.0
Housing.....	689.1	709.3	710.2	714.2	713.0	721.7	717.0
Farm.....	106.0	120.5	123.0	125.5	121.9	114.6	115.6
Households and institutions	379.1	388.6	389.6	393.0	396.8	402.1	405.3
Private households.....	11.7	12.0	12.1	12.6	12.7	12.9	13.1
Nonprofit institutions.....	367.4	376.7	377.6	380.4	384.2	389.2	392.2
General government ³	939.5	959.3	961.5	964.4	969.1	974.7	981.9
Federal.....	285.8	290.1	290.4	289.8	289.9	290.9	293.3
State and local.....	653.5	669.0	670.9	674.3	679.0	683.6	688.3
Residual.....	-1.6	-6.9	-8.0	-8.7	-7.2	-3.5	-3.1

1. Equals gross domestic product less gross product of households and institutions and of general government.

2. Equals gross domestic business product less gross farm product.

3. Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.8.

NOTE.— Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Chain-type quantity indexes for the series in this table are shown in table 7.14.

Table 1.9.—Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross domestic product	9,268.6	9,872.9	9,937.5	10,027.9	10,141.7	10,202.6	10,247.7
Plus: Income receipts from the rest of the world	313.8	384.2	386.6	402.1	378.9	346.9	.....
Less: Income payments to the rest of the world	320.5	396.3	404.7	397.9	389.4	358.6	.....
Equals: Gross national product	9,261.8	9,860.8	9,919.4	10,032.1	10,131.3	10,190.9	.....
Less: Consumption of fixed capital	1,151.4	1,241.3	1,254.3	1,276.8	1,299.9	1,341.5	1,406.9
Private	953.3	1,029.9	1,041.2	1,060.9	1,081.3	1,120.2	1,177.6
Capital consumption allowances	991.6	1,056.3	1,063.8	1,080.6	1,098.1	1,124.3	1,173.1
Less: consumption adjustment	38.4	26.4	22.6	19.6	16.8	4.1	-4.5
Government	198.1	211.3	213.1	215.9	218.6	221.3	229.3
General government	168.9	180.1	181.6	184.1	186.2	188.6	190.1
Government enterprises	29.2	31.2	31.5	31.9	32.3	32.7	39.2
Equals: Net national product	8,110.4	8,619.5	8,665.1	8,755.3	8,831.4	8,849.4	.....
Less: Indirect business tax and nontax liability Business transfer payments	713.1	762.7	767.6	775.6	785.7	792.3	794.7
Statistical discrepancy	41.3	43.9	44.0	44.4	44.3	44.5	44.5
Plus: Subsidies less current surplus of government enterprises	-72.7	-130.4	-156.3	-150.0	-120.5	-143.2	.....
Equals: National income	7,462.1	7,980.9	8,047.2	8,124.0	8,169.7	8,207.9	.....
Less: Corporate profits with inventory valuation and capital consumption adjustments	825.2	876.4	895.0	847.6	789.8	759.8	.....
Net interest	506.5	532.7	535.3	540.6	549.4	553.0	.....
Contributions for social insurance... Wage accruals less disbursements	660.7	701.5	705.0	714.9	729.1	732.8	733.9
Plus: Personal interest income	5.2	.0	.0	.0	.0	.0	.0
Personal dividend income	950.0	1,000.6	1,009.2	1,013.1	1,010.9	1,001.0	991.3
Government transfer payments to persons	343.1	379.2	385.8	396.6	404.8	411.9	420.0
Business transfer payments to persons	988.4	1,036.0	1,041.3	1,055.2	1,088.7	1,104.6	1,124.8
Business transfer payments to persons	31.1	33.1	33.3	33.8	34.3	34.8	35.3
Equals: Personal income	7,777.3	8,319.2	8,381.5	8,519.6	8,640.2	8,714.6	8,777.3
Addenda:							
Gross domestic income	9,341.3	10,003.4	10,093.7	10,178.0	10,262.2	10,345.7	.....
Gross national income	9,334.6	9,991.2	10,075.6	10,182.1	10,251.8	10,334.0	.....
Net domestic product	8,117.2	8,631.7	8,683.2	8,751.1	8,841.9	8,861.1	8,840.8

Table 1.10.—Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross domestic product	8,856.5	9,224.0	9,260.1	9,303.9	9,334.5	9,341.7	9,333.4
Plus: Income receipts from the rest of the world	301.3	360.2	361.6	374.3	350.3	319.6	.....
Less: Income payments to the rest of the world	304.7	367.0	373.7	365.8	355.2	325.7	.....
Equals: Gross national product	8,853.0	9,216.4	9,247.2	9,311.7	9,329.1	9,335.5	.....
Less: Consumption of fixed capital	1,162.3	1,238.9	1,249.4	1,279.1	1,313.1	1,353.4	1,407.0
Private	967.9	1,036.2	1,045.7	1,073.4	1,105.6	1,144.2	1,188.5
Government	194.7	203.1	204.1	206.2	208.2	210.2	219.6
General government	166.6	173.9	174.8	176.5	178.2	180.0	181.9
Government enterprises	28.1	29.2	29.4	29.6	29.9	30.2	37.4
Equals: Net national product	7,693.6	7,982.5	8,003.0	8,038.9	8,025.2	7,995.4	.....
Addenda:							
Gross domestic income ¹	8,926.0	9,345.7	9,405.7	9,443.1	9,445.4	9,472.8	.....
Gross national income ²	8,922.6	9,338.2	9,392.9	9,450.9	9,440.1	9,466.7	.....
Net domestic product	7,697.0	7,990.0	8,015.7	8,031.2	8,030.6	8,001.5	7,945.2

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.

2. Gross national income deflated by the implicit price deflator for gross national product.

NOTE.— Except as noted in footnotes 1 and 2, chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

The chain-type quantity index for gross national product is shown in table 7.3.

Table 1.11.—Command-Basis Real Gross National Product
[Billions of chained (1996) dollars]

Gross national product	8,853.0	9,216.4	9,247.2	9,311.7	9,329.1	9,335.5	.....
Less: Exports of goods and services and income receipts from the rest of the world ...	1,336.8	1,496.2	1,523.3	1,525.3	1,496.2	1,428.0	.....
Plus: Command-basis exports of goods and services and income receipts from the rest of the world ¹	1,381.8	1,516.1	1,539.7	1,542.2	1,521.7	1,467.3	.....
Equals: Command-basis gross national product	8,898.0	9,236.3	9,263.6	9,328.6	9,354.7	9,374.9	.....
Addendum:							
Terms of trade ²	103.3	101.3	101.1	101.1	101.7	102.8	.....

1. Exports of goods and services and income receipts deflated by the implicit price deflator for imports of goods and services and income payments.

2. Ratio of the implicit price deflator for exports of goods and services and income receipts to the corresponding implicit price deflator for imports divided by 100.

NOTE.— Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Percent changes from preceding period for gross national product are shown in table 8.1.

Chain-type quantity indexes for the series in this table are shown in table 7.3.

2. Personal Income and Outlays

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Personal income	7,777.3	8,319.2	8,381.5	8,519.6	8,640.2	8,714.6	8,777.3
Wage and salary disbursements	4,472.2	4,837.2	4,875.8	4,973.2	5,049.4	5,099.8	5,129.4
Private industries	3,747.9	4,068.8	4,103.2	4,196.6	4,260.6	4,300.2	4,317.5
Goods-producing industries	1,088.7	1,163.7	1,173.2	1,195.5	1,206.3	1,204.4	1,200.8
Manufacturing	782.0	830.1	838.0	852.2	853.3	850.2	843.5
Distributive industries	1,021.0	1,095.6	1,102.4	1,125.9	1,140.3	1,148.2	1,148.9
Service industries	1,638.2	1,809.5	1,827.6	1,875.2	1,914.0	1,947.6	1,967.7
Government	724.3	768.4	772.6	776.6	788.8	799.6	812.0
Other labor income	509.7	534.2	537.9	544.9	549.3	552.2	555.3
Proprietors' income with inventory valuation and capital consumption adjustments	672.0	715.0	719.3	725.2	735.2	745.3	752.3
Farm	26.6	30.6	31.6	31.7	29.8	28.7	31.8
Nonfarm	645.4	684.4	687.6	693.5	705.4	716.6	720.5
Rental income of persons with capital consumption adjustment	147.7	141.6	138.3	141.7	139.6	139.0	143.6
Personal dividend income	343.1	379.2	385.8	396.6	404.8	411.9	420.0
Personal interest income	950.0	1,000.6	1,009.2	1,013.1	1,010.9	1,001.0	991.3
Transfer payments to persons	1,019.6	1,069.1	1,074.6	1,089.0	1,123.1	1,139.4	1,160.0
Old-age, survivors, disability, and health insurance benefits	588.0	617.3	620.9	626.5	651.4	660.1	671.8
Government unemployment insurance benefits	20.3	20.3	20.1	22.1	22.7	23.1	24.0
Veterans benefits	24.3	25.1	25.2	25.3	26.2	25.8	26.6
Other transfer payments	387.0	406.4	408.5	415.1	422.8	430.4	437.6
Family assistance ¹	17.7	18.3	18.4	18.6	19.0	19.2	19.3
Other	369.3	388.1	390.1	396.5	403.8	411.2	418.3
Less: Personal contributions for social insurance	337.1	357.7	359.4	364.1	372.1	374.0	374.6
Less: Personal tax and nontax payments	1,159.2	1,288.2	1,300.2	1,329.8	1,345.2	1,351.4	1,197.0
Equals: Disposable personal income	6,618.0	7,031.0	7,081.3	7,189.8	7,295.0	7,363.2	7,580.3
Less: Personal outlays	6,457.2	6,963.3	7,026.9	7,115.1	7,216.2	7,281.7	7,293.6
Personal consumption expenditures	6,250.2	6,728.4	6,785.5	6,871.4	6,977.6	7,044.6	7,059.0
Interest paid by persons	179.7	205.3	211.3	212.9	208.5	206.3	203.8
Personal transfer payments to the rest of the world (net)	27.2	29.6	30.1	30.8	30.1	30.8	30.7
Equals: Personal saving	160.9	67.7	54.5	74.7	78.8	81.5	286.7
Addenda:							
Disposable personal income: Total, billions of chained (1996) dollars ²	6,320.0	6,539.2	6,566.5	6,634.9	6,679.0	6,719.2	6,923.9
Per capita: Current dollars	24,242	25,528	25,682	26,013	26,335	26,520	27,238
Chained (1996) dollars	23,150	23,742	23,814	24,006	24,111	24,200	24,880
Population (mid-period, millions)	273.0	275.4	275.7	276.4	277.0	277.7	278.3
Personal saving as a percentage of disposable personal income	2.4	1.0	.8	1.0	1.1	1.1	3.8

1. Consists of aid to families with dependent children and, beginning with 1996, assistance programs operating under the Personal Responsibility and Work Opportunity Reconciliation Act of 1996.

2. Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.

NOTE.—Percent changes from preceding period for disposable personal income are shown in table 8.1.

Table 2.2.—Personal Consumption Expenditures by Major Type of Product

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Personal consumption expenditures	6,250.2	6,728.4	6,785.5	6,871.4	6,977.6	7,044.6	7,059.0
Durable goods	760.9	819.6	825.4	818.7	838.1	844.7	842.2
Motor vehicles and parts	324.7	346.8	349.6	343.2	358.6	362.3	360.7
Furniture and household equipment	285.2	307.3	309.4	307.4	308.4	310.0	309.7
Other	151.0	165.5	166.3	168.0	171.1	172.5	171.9
Nondurable goods	1,831.3	1,989.6	2,012.4	2,025.1	2,047.1	2,062.3	2,057.8
Food	899.8	957.5	967.2	971.4	982.0	987.0	997.5
Clothing and shoes	300.9	319.1	321.6	323.5	325.7	322.4	315.7
Gasoline, fuel oil, and other energy goods	143.1	183.2	186.8	189.4	188.9	194.0	174.7
Gasoline and oil	129.5	165.3	168.7	170.1	169.5	172.5	161.8
Fuel oil and coal	13.6	17.9	18.1	19.3	19.4	16.7	12.9
Other	487.6	529.8	536.8	540.8	550.5	559.0	570.0
Services	3,658.0	3,919.2	3,947.7	4,027.5	4,092.4	4,137.6	4,158.9
Housing	909.0	958.8	964.4	978.0	992.8	1,008.2	1,023.5
Household operation	359.7	385.7	389.0	408.1	420.1	414.5	417.0
Electricity and gas	129.7	141.4	142.6	156.9	164.4	157.9	155.4
Other household operation	230.0	244.2	246.4	251.3	255.7	256.7	261.6
Transportation	257.4	272.8	274.4	278.8	280.5	279.8	277.2
Medical care	939.9	996.5	1,004.2	1,020.0	1,039.8	1,054.6	1,069.9
Recreation	238.9	256.2	258.1	260.9	267.3	271.0	271.4
Other	953.1	1,049.3	1,057.6	1,081.7	1,092.0	1,109.3	1,109.0
Addenda:							
Energy goods and services ¹	272.7	324.6	329.5	346.3	353.3	351.8	330.1
Personal consumption expenditures less food and energy	5,077.7	5,446.3	5,488.8	5,553.7	5,642.3	5,705.8	5,731.4

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Table 2.3.—Real Personal Consumption Expenditures by Major Type of Product

[Billions of chained (1996) dollars]

	1999	2000	2000	2001	2001	2001	2001
Personal consumption expenditures	5,968.4	6,257.8	6,292.1	6,341.1	6,388.5	6,428.4	6,447.8
Durable goods	817.8	895.5	904.1	899.4	922.4	938.1	942.0
Motor vehicles and parts	327.6	348.3	351.2	343.9	357.0	361.9	361.9
Furniture and household equipment	334.7	377.0	381.3	383.8	391.0	400.5	405.5
Other	156.3	172.8	174.3	175.4	177.5	179.5	179.1
Nondurable goods	1,766.4	1,849.9	1,864.1	1,866.8	1,878.0	1,879.4	1,882.1
Food	847.8	881.3	886.2	886.4	887.3	886.1	887.3
Clothing and shoes	312.1	335.3	339.8	339.9	342.7	344.1	341.7
Gasoline, fuel oil, and other energy goods	151.3	150.3	151.5	150.9	152.6	150.1	148.3
Gasoline and oil	136.7	136.6	137.6	137.2	138.9	137.7	138.7
Fuel oil and coal	14.6	13.8	14.0	13.8	13.8	12.6	10.0
Other	455.9	484.5	488.4	491.4	497.3	501.4	506.8
Services	3,393.2	3,527.7	3,540.2	3,588.8	3,605.1	3,629.8	3,642.6
Housing	831.6	850.1	851.9	856.6	861.3	864.9	869.0
Household operation	358.2	377.6	379.8	393.4	392.3	387.0	390.3
Electricity and gas	132.2	136.4	135.8	144.4	140.1	135.0	135.1
Other household operation	225.8	241.0	243.9	248.7	252.3	252.7	256.0
Transportation	244.0	251.3	251.7	253.8	254.4	254.2	252.2
Medical care	877.9	903.9	906.9	915.0	921.6	932.1	940.3
Recreation	219.5	227.0	227.2	228.5	232.2	232.8	231.7
Other	861.4	917.1	922.1	941.3	942.8	957.7	958.3
Residual	-9.7	-18.6	-20.2	-19.0	-21.7	-24.8	-25.8
Addenda:							
Energy goods and services ¹	283.4	286.4	287.2	294.4	292.2	284.7	283.0
Personal consumption expenditures less food and energy	4,836.3	5,089.0	5,117.9	5,159.2	5,208.4	5,258.5	5,278.5

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Chain-type quantity indexes for the series in this table are shown in table 7.4.

Contributions to the percent change in real personal consumption expenditures are shown in table 8.3.

3. Government Current Receipts and Expenditures

Table 3.1.—Government Current Receipts and Expenditures

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Current receipts	2,786.1	3,023.9	3,047.7	3,073.9	3,096.8	3,104.5	.....
Personal tax and nontax receipts	1,159.2	1,288.2	1,300.2	1,329.8	1,345.2	1,351.4	1,197.0
Corporate profits tax accruals	253.0	271.5	274.9	253.5	236.8	228.0	.....
Indirect business tax and nontax accruals	713.1	762.7	767.6	775.6	785.7	792.3	794.7
Contributions for social insurance	660.7	701.5	705.0	714.9	729.1	732.8	733.9
Current expenditures	2,624.8	2,772.5	2,783.0	2,822.7	2,869.2	2,896.5	2,941.9
Consumption expenditures	1,328.0	1,422.7	1,430.2	1,444.1	1,474.2	1,491.4	1,507.7
Transfer payments (net)	1,000.1	1,050.0	1,053.1	1,080.7	1,094.6	1,111.6	1,131.6
To persons	988.4	1,036.0	1,041.3	1,055.2	1,088.7	1,104.6	1,124.8
To the rest of the world (net)	11.6	14.0	11.8	25.5	5.8	7.1	6.9
Net interest paid	263.8	262.6	262.7	259.6	253.0	241.7	231.6
Interest paid	359.5	362.8	362.9	360.5	355.6	345.2	336.3
To persons and business	264.3	255.2	253.4	251.2	247.6	239.7	.....
To the rest of the world	95.1	107.7	109.5	109.3	108.0	105.5	.....
Less: Interest received by government	95.7	100.3	100.2	100.9	102.6	103.5	104.7
Less: Dividends received by government .....	.4	.4	.4	.4	.4	.4	.4
Subsidies less current surplus of government enterprises	33.3	37.6	37.3	38.7	47.8	52.2	71.4
Subsidies	44.0	44.1	43.8	42.4	52.5	55.0	72.2
Less: Current surplus of government enterprises	10.7	6.5	6.5	3.7	4.6	2.8	.9
Less: Wage accruals less disbursements .....	.0	.0	.0	.0	.0	.0	.0
Current surplus or deficit (-), national income and product accounts	161.3	251.4	264.7	251.2	227.6	208.0	.....
Social insurance funds	96.1	117.7	119.0	124.1	115.7	113.0	103.9
Other	65.2	133.8	145.7	127.0	111.9	95.1	.....
Addenda:							
Net lending or net borrowing (-)	78.7	171.1	189.2	170.8	147.5	113.5	.....
Current surplus or deficit (-), national income and product accounts	161.3	251.4	264.7	251.2	227.6	208.0	.....
Plus: Consumption of fixed capital	198.1	211.3	213.1	215.9	218.6	221.3	229.3
Plus: Capital transfers received (net)	32.4	36.2	35.8	35.8	38.4	37.0	37.7
Less: Gross investment	304.6	318.3	314.0	322.8	330.9	344.0	335.7
Less: Net purchases of nonproduced assets	8.5	9.5	10.3	9.3	6.0	8.8	9.3

Table 3.2.—Federal Government Current Receipts and Expenditures

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Current receipts	1,872.8	2,046.8	2,064.3	2,077.5	2,087.4	2,091.5	.....
Personal tax and nontax receipts	903.3	1,009.5	1,019.8	1,040.5	1,051.4	1,060.0	898.4
Income taxes	894.0	999.5	1,009.7	1,030.4	1,041.5	1,050.2	888.8
Nontaxes	9.3	10.1	10.1	10.1	9.9	9.8	9.6
Corporate profits tax accruals	218.3	234.7	237.6	219.4	205.0	197.3	.....
Federal Reserve banks	25.4	25.3	25.6	26.1	25.7	24.2	.....
Other	192.8	209.3	212.0	193.3	179.4	173.1	.....
Indirect business tax and nontax accruals	100.6	111.2	111.9	112.7	112.2	112.0	110.6
Excise taxes	64.6	69.8	69.5	70.3	68.7	69.4	68.2
Customs duties	19.2	21.1	21.6	21.2	21.6	20.3	20.0
Nontaxes	16.8	20.3	20.8	21.2	21.9	22.3	22.4
Contributions for social insurance	650.6	691.5	695.0	704.9	718.8	722.2	723.1
Current expenditures	1,753.6	1,828.3	1,834.4	1,855.0	1,882.1	1,904.7	1,937.1
Consumption expenditures	469.6	493.7	493.6	494.1	507.5	510.1	516.7
Transfer payments (net)	746.1	779.3	780.5	802.9	811.7	823.3	838.7
To persons	734.5	765.3	768.7	777.4	805.8	816.3	831.8
To the rest of the world (net)	11.6	14.0	11.8	25.5	5.8	7.1	6.9
Grants-in-aid to State and local governments	230.5	245.6	250.9	250.1	264.0	281.2	279.8
Net interest paid	263.9	262.9	262.9	259.9	253.5	242.5	232.5
Interest paid	281.4	282.2	281.9	279.0	273.4	262.5	253.2
To persons and business	186.2	174.5	172.5	169.7	165.4	156.9	.....
To the rest of the world	95.1	107.7	109.5	109.3	108.0	105.5	.....
Less: Interest received by government	17.4	19.3	19.0	19.1	19.9	20.0	20.7
Subsidies less current surplus of government enterprises ..	43.4	46.8	46.5	48.1	45.4	47.6	69.4
Subsidies	43.6	43.7	43.4	42.0	39.9	40.0	60.3
Less: Current surplus of government enterprises ..	.2	-3.1	-3.1	-6.1	-5.6	-7.7	-9.1
Less: Wage accruals less disbursements .....	.0	.0	.0	.0	.0	.0	.0
Current surplus or deficit (-), national income and product accounts ..	119.2	218.6	229.9	222.5	205.3	186.7	.....
Social insurance funds	95.8	118.0	119.4	124.6	116.0	113.1	104.0
Other	23.4	100.6	110.5	97.9	89.3	73.6	.....
Addenda:							
Net lending or net borrowing (-)	109.9	210.6	224.7	211.0	200.7	174.7	.....
Current surplus or deficit (-), national income and product accounts	119.2	218.6	229.9	222.5	205.3	186.7	.....
Plus: Consumption of fixed capital	91.7	96.4	97.0	97.9	98.4	99.4	99.9
Plus: Capital transfers received (net)	-7.3	-7.9	-8.1	-9.7	-8.9	-12.7	-10.5
Less: Gross investment ...	94.4	96.5	93.4	100.1	97.8	99.9	100.4
Less: Net purchases of nonproduced assets	-8	-1	.7	-3	-3.7	-1.1	-7

Table 3.3.—State and Local Government Current Receipts and Expenditures

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Current receipts	1,143.8	1,222.6	1,234.3	1,246.4	1,273.4	1,294.3	.....
Personal tax and nontax receipts	255.9	278.7	280.4	289.3	293.8	291.4	298.6
Income taxes	200.0	219.8	221.2	229.3	233.0	229.8	236.2
Nontaxes	35.9	38.1	38.4	39.0	39.7	40.3	40.9
Other	20.0	20.7	20.8	21.0	21.2	21.3	21.4
Corporate profits tax accruals ..	34.8	36.8	37.3	34.1	31.8	30.7	.....
Indirect business tax and nontax accruals	612.5	651.5	655.7	662.9	673.5	680.4	684.1
Sales taxes	300.6	321.5	324.0	327.8	332.4	335.6	335.8
Property taxes	239.5	248.4	249.5	251.9	254.5	256.8	259.3
Other	72.4	81.6	82.1	83.2	86.7	88.0	89.0
Contributions for social insurance	10.1	10.0	10.0	10.1	10.3	10.6	10.8
Federal grants-in-aid	230.5	245.6	250.9	250.1	264.0	281.2	279.8
Current expenditures	1,101.7	1,189.8	1,199.5	1,217.8	1,251.1	1,273.0	1,284.7
Consumption expenditures	858.4	929.0	936.6	950.0	966.7	981.3	991.0
Transfer payments to persons ..	253.9	270.7	272.7	277.8	282.9	288.3	292.9
Net interest paid	-1	-3	-2	-2	-5	-8	-9
Interest paid	78.1	80.7	81.0	81.6	82.2	82.8	83.1
Less: Interest received by government	78.3	80.9	81.2	81.8	82.7	83.6	84.0
Less: Dividends received by government .....	.4	.4	.4	.4	.4	.4	.4
Subsidies less current surplus of government enterprises ..	-10.1	-9.2	-9.2	-9.4	2.4	4.6	2.0
Subsidies .....	.4	.4	.4	.4	12.6	15.1	11.9
Less: Current surplus of government enterprises ..	10.5	9.7	9.6	9.9	10.2	10.5	9.9
Less: Wage accruals less disbursements .....	.0	.0	.0	.0	.0	.0	.0
Current surplus or deficit (-), national income and product accounts ..	42.1	32.8	34.8	28.6	22.3	21.3	.....
Social insurance funds .....	.3	-3	-4	-5	-3	-2	-1
Other	41.7	33.1	35.1	29.1	22.6	21.4	.....
Addenda:							
Net lending or net borrowing (-)	-31.2	-39.5	-35.5	-40.2	-53.2	-61.2	.....
Current surplus or deficit (-), national income and product accounts	42.1	32.8	34.8	28.6	22.3	21.3	.....
Plus: Consumption of fixed capital	106.4	114.9	116.1	118.0	120.2	121.9	129.5
Plus: Capital transfers received (net)	39.7	44.1	43.9	45.5	47.3	49.7	48.2
Less: Gross investment ...	210.1	221.8	220.6	222.7	233.1	244.2	235.4
Less: Net purchases of nonproduced assets	9.3	9.6	9.6	9.7	9.8	9.9	9.9

Table 3.7.—Government Consumption Expenditures and Gross Investment by Type

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Government consumption expenditures and gross investment¹	1,632.5	1,741.0	1,744.2	1,766.8	1,805.2	1,835.4	1,843.5
Federal	564.0	590.2	587.0	594.2	605.3	609.9	617.1
National defense	364.5	375.4	372.1	382.4	392.9	396.1	401.1
Consumption expenditures	311.8	321.9	321.0	325.3	338.3	339.5	344.7
Durable goods ²	22.1	22.5	22.0	23.0	22.8	24.0	25.2
Nondurable goods	8.1	10.4	10.1	10.0	9.5	10.8	11.1
Services	281.6	289.0	288.9	292.2	306.0	304.6	308.3
Compensation of general government employees, except own-account investment ³	133.0	137.9	138.7	138.1	141.1	141.8	143.5
Consumption of general government fixed capital ⁴	62.7	63.8	63.9	64.0	63.8	64.1	63.9
Other services	85.8	87.4	86.3	90.1	101.1	98.7	100.9
Gross investment	52.7	53.5	51.1	57.1	54.6	56.7	56.5
Structures	5.3	5.3	5.6	5.3	5.3	5.3	4.9
Equipment and software	47.4	48.2	45.5	51.8	49.3	51.3	51.6
Nondefense	199.5	214.8	214.9	211.8	212.4	213.8	216.0
Consumption expenditures	157.8	171.8	172.5	168.8	169.2	170.6	172.0
Durable goods ²	1.0	1.3	1.2	1.4	1.2	1.1	1.1
Nondurable goods	5.8	6.9	7.6	4.6	6.9	6.5	6.3
Commodity Credit Corporation inventory change	-.2	.8	.4	1.3	.3	.0	.0
Other nondurables	6.0	6.1	7.2	3.4	6.7	6.5	6.3
Services	151.0	163.6	163.8	162.7	161.1	163.0	164.7
Compensation of general government employees, except own-account investment ³	86.9	93.5	92.9	91.3	94.4	95.2	96.1
Consumption of general government fixed capital ⁴	23.6	26.6	27.0	27.7	28.2	28.8	29.3
Other services	40.5	43.6	43.9	43.8	38.5	39.0	39.3
Gross investment	41.7	43.0	42.4	43.0	43.2	43.2	43.9
Structures	11.5	10.8	10.3	11.0	11.5	10.6	10.1
Equipment and software	30.1	32.2	32.0	32.0	31.8	32.6	33.9
State and local	1,068.5	1,150.8	1,157.2	1,172.6	1,199.8	1,225.5	1,226.4
Consumption expenditures	858.4	929.0	936.6	950.0	966.7	981.3	991.0
Durable goods ²	15.7	16.9	17.1	17.4	17.7	18.0	18.3
Nondurable goods	91.8	110.9	112.8	115.7	116.4	118.8	116.9
Services	750.8	801.2	806.8	816.9	832.6	844.5	855.8
Compensation of general government employees, except own-account investment ³	625.7	661.8	666.0	671.9	681.0	690.9	702.2
Consumption of general government fixed capital ⁴	82.6	89.8	90.8	92.4	94.2	95.8	96.9
Other services	42.5	49.7	50.0	52.6	57.4	57.8	56.8
Gross investment	210.1	221.8	220.6	222.7	233.1	244.2	235.4
Structures	157.3	165.0	163.0	164.5	175.6	187.2	179.4
Equipment and software	52.9	56.8	57.5	58.2	57.5	56.9	56.0
Addenda:							
Compensation of general government employees ³	855.8	904.1	908.5	912.4	927.1	938.9	952.5
Federal	221.8	233.4	233.8	231.5	237.6	239.3	241.9
State and local	634.0	670.7	674.7	680.9	689.5	699.6	710.7

Table 3.8.—Real Government Consumption Expenditures and Gross Investment by Type

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Government consumption expenditures and gross investment¹	1,531.8	1,572.6	1,570.0	1,582.8	1,603.4	1,623.0	1,630.1
Federal	536.7	545.9	541.8	547.9	552.2	554.7	561.0
National defense	348.6	349.0	345.1	353.8	360.3	362.4	366.8
Consumption expenditures	294.7	294.5	293.0	296.0	304.4	304.6	309.1
Durable goods ²	22.4	22.6	22.1	23.1	22.9	24.0	25.3
Nondurable goods	8.9	9.3	9.0	8.4	8.6	10.0	10.3
Services	263.6	262.9	262.1	264.9	273.2	271.0	274.0
Compensation of general government employees, except own-account investment ³	120.9	120.3	120.8	120.5	119.5	119.6	120.8
Consumption of general government fixed capital ⁴	62.5	62.6	62.6	62.7	62.7	62.8	63.0
Other services	80.3	80.2	78.8	81.9	91.2	88.8	90.4
Gross investment	54.1	54.7	52.2	58.4	56.1	58.2	58.1
Structures	4.8	4.6	4.9	4.6	4.5	4.5	4.1
Equipment and software	49.4	50.3	47.4	54.1	51.9	54.0	54.4
Nondefense	188.1	196.7	196.5	194.0	191.8	192.3	194.1
Consumption expenditures	146.2	154.2	154.7	151.8	149.5	150.0	151.0
Durable goods ²	1.2	1.5	1.4	1.7	1.4	1.3	1.3
Nondurable goods	5.6	7.7	7.4	7.9	7.2	6.8	6.9
Commodity Credit Corporation inventory change	-.2	2.0	.9	4.6	1.1	.9	1.1
Other nondurables	5.8	5.7	6.5	3.3	6.1	5.9	5.8
Services	139.3	146.0	146.0	145.3	141.4	142.3	143.6
Compensation of general government employees, except own-account investment ³	77.2	79.5	79.0	78.2	78.8	78.9	79.5
Consumption of general government fixed capital ⁴	23.9	26.4	26.7	27.3	27.8	28.3	28.9
Other services	38.5	40.5	40.8	40.4	35.3	35.6	35.7
Gross investment	42.5	42.9	42.2	42.6	42.9	42.8	43.6
Structures	10.6	9.5	9.1	9.6	9.9	9.1	8.6
Equipment and software	32.1	33.9	33.6	33.5	33.4	34.3	35.7
State and local	994.7	1,026.3	1,027.6	1,034.3	1,050.5	1,067.4	1,068.4
Consumption expenditures	794.5	821.4	824.6	830.5	839.1	846.9	855.6
Durable goods ²	15.9	17.0	17.1	17.4	17.7	17.9	18.2
Nondurable goods	93.9	99.9	100.6	102.0	103.5	105.0	106.6
Services	685.3	705.4	707.8	712.2	719.0	725.0	731.9
Compensation of general government employees, except own-account investment ³	566.1	577.0	578.4	580.6	584.6	588.0	591.9
Consumption of general government fixed capital ⁴	80.2	84.8	85.4	86.6	87.7	88.8	90.0
Other services	39.0	43.7	44.1	45.3	46.9	48.4	50.3
Gross investment	200.4	205.0	203.1	203.9	211.6	221.0	212.9
Structures	142.8	143.5	141.0	141.1	148.4	157.4	150.6
Equipment and software	58.4	63.1	63.8	64.8	64.6	64.2	63.2
Residual	-2.8	-5.3	-4.0	-8.9	-5.1	-4.7	-5.6
Addenda:							
Compensation of general government employees ³	773.4	786.3	787.8	788.9	792.1	795.9	801.3
Federal	199.8	201.7	201.7	200.6	200.2	200.6	202.2
State and local	573.6	584.7	586.0	588.3	591.9	595.4	599.1

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.

3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addenda.

4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda.

See footnotes to table 3.7.

Chain-type quantity indexes for the series in this table are shown in table 7.11. Contributions to percent change in real government consumption expenditures and gross investment are shown in table 8.6.

Table 3.10.—National Defense Consumption Expenditures and Gross Investment

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
National defense consumption expenditures and gross investment¹	364.5	375.4	372.1	382.4	392.9	396.1	401.1
Consumption expenditures	311.8	321.9	321.0	325.3	338.3	339.5	344.7
Durable goods²	22.1	22.5	22.0	23.0	22.8	24.0	25.2
Aircraft	10.6	10.2	10.5	9.9	10.1	10.5	12.0
Missiles	2.1	2.3	2.3	2.5	2.7	2.7	2.3
Ships	1.0	1.5	1.5	1.4	1.4	1.2	1.4
Vehicles .....	.8	.8	.8	.9	.9	1.2	1.2
Electronics	2.7	2.9	2.7	3.0	2.8	2.9	3.1
Other durable goods	4.9	4.8	4.3	5.4	4.8	5.5	5.3
Nondurable goods	8.1	10.4	10.1	10.0	9.5	10.8	11.1
Petroleum products	2.6	4.0	4.5	4.3	4.0	4.1	4.3
Ammunition	1.8	1.7	2.0	1.9	1.9	2.1	2.8
Other nondurable goods ..	3.7	4.6	3.6	3.9	3.6	4.7	4.0
Services	281.6	289.0	288.9	292.2	306.0	304.6	308.3
Compensation of general government employees, except own-account investment ³	133.0	137.9	138.7	138.1	141.1	141.8	143.5
Military	85.0	88.8	89.6	89.5	91.9	92.1	93.3
Civilian	48.0	49.1	49.1	48.6	49.1	49.7	50.2
Consumption of general government fixed capital ⁴	62.7	63.8	63.9	64.0	63.8	64.1	63.9
Other services	85.8	87.4	86.3	90.1	101.1	98.7	100.9
Research and development	22.9	23.6	21.1	26.0	33.7	30.2	31.2
Installation support	23.9	24.7	25.1	23.4	25.0	24.2	24.6
Weapons support	9.0	9.4	10.3	9.7	10.1	10.5	11.2
Personnel support	22.8	22.7	23.0	23.5	26.6	26.7	27.5
Transportation of material	4.8	4.8	4.8	4.7	4.7	4.7	4.9
Travel of persons	4.1	4.1	4.1	3.9	3.8	3.8	3.9
Other	-1.7	-1.9	-2.1	-1.0	-2.9	-1.3	-2.4
Gross investment	52.7	53.5	51.1	57.1	54.6	56.7	56.5
Structures	5.3	5.3	5.6	5.3	5.3	5.3	4.9
Equipment and software ..	47.4	48.2	45.5	51.8	49.3	51.3	51.6
Aircraft	6.9	7.7	7.9	7.2	7.4	7.8	9.5
Missiles	2.8	2.6	2.0	3.9	3.7	3.5	3.1
Ships	6.8	6.6	6.7	6.8	7.2	7.4	6.9
Vehicles	1.6	1.8	1.8	1.6	1.8	1.9	1.7
Electronics and software ..	14.6	15.1	14.8	15.6	15.0	14.5	15.0
Other equipment	14.7	14.4	12.2	16.7	14.3	16.2	15.3
Addendum:							
Compensation of general government employees ³ ..	133.6	138.6	139.4	138.8	141.7	142.5	144.4

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries.

3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addendum.

4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

Table 3.11.—Real National Defense Consumption Expenditures and Gross Investment

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
National defense consumption expenditures and gross investment¹	348.6	349.0	345.1	353.8	360.3	362.4	366.8
Consumption expenditures	294.7	294.5	293.0	296.0	304.4	304.6	309.1
Durable goods²	22.4	22.6	22.1	23.1	22.9	24.0	25.3
Aircraft	10.8	10.3	10.6	9.9	10.1	10.5	12.0
Missiles	2.2	2.3	2.3	2.6	2.7	2.7	2.4
Ships	1.0	1.5	1.5	1.4	1.4	1.2	1.4
Vehicles .....	.7	.6	.6	.6	.7	.8	.8
Electronics	2.9	3.3	3.0	3.4	3.2	3.3	3.5
Other durable goods	4.9	4.8	4.2	5.4	4.8	5.5	5.2
Nondurable goods	8.9	9.3	9.0	8.4	8.6	10.0	10.3
Petroleum products	3.3	3.1	3.3	2.7	3.1	3.3	3.6
Ammunition	1.9	1.8	2.1	1.9	1.9	2.2	2.9
Other nondurable goods ..	3.6	4.4	3.5	3.7	3.5	4.5	3.8
Services	263.6	262.9	262.1	264.9	273.2	271.0	274.0
Compensation of general government employees, except own-account investment ³	120.9	120.3	120.8	120.5	119.5	119.6	120.8
Military	78.5	78.9	79.3	79.3	79.0	79.0	79.9
Civilian	42.5	41.5	41.6	41.3	40.6	40.7	41.0
Consumption of general government fixed capital ⁴	62.5	62.6	62.6	62.7	62.7	62.8	63.0
Other services	80.3	80.2	78.8	81.9	91.2	88.8	90.4
Research and development	21.6	21.8	19.5	23.8	30.8	27.5	28.2
Installation support	22.8	23.3	23.6	21.9	23.2	22.5	22.6
Weapons support	8.3	8.3	9.1	8.4	8.8	9.1	9.8
Personnel support	20.2	19.7	19.9	20.1	22.6	22.5	23.3
Transportation of material	4.8	4.6	4.6	4.5	4.5	4.5	4.6
Travel of persons	4.0	4.0	3.9	3.8	3.7	3.7	3.8
Other	-1.5	-1.7	-1.8	-9	-2.4	-1.1	-2.1
Gross investment	54.1	54.7	52.2	58.4	56.1	58.2	58.1
Structures	4.8	4.6	4.9	4.6	4.5	4.5	4.1
Equipment and software ..	49.4	50.3	47.4	54.1	51.9	54.0	54.4
Aircraft	7.1	8.3	8.6	7.8	8.3	8.8	10.8
Missiles	3.0	2.7	2.2	4.1	4.1	3.9	3.4
Ships	6.8	6.4	6.5	6.7	7.0	7.2	6.7
Vehicles	1.6	1.8	1.9	1.7	1.8	2.0	1.7
Electronics and software ..	16.4	16.7	16.4	17.3	16.7	16.2	16.9
Other equipment	14.6	14.3	12.1	16.5	14.1	15.9	15.1
Residual	-7	-9	-9	-1.4	-1.1	-1.3	-1.6
Addendum:							
Compensation of general government employees ³ ..	121.5	120.9	121.4	121.1	120.1	120.2	121.5

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the line in the addendum.

Chain-type indexes for the series in this table are shown in table 7.12.

See footnotes to table 3.10.

4. Foreign Transactions

Table 4.1.—Foreign Transactions in the National Income and Product Accounts

(Billions of dollars)

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Receipts from the rest of the world	1,303.6	1,487.1	1,517.8	1,523.1	1,496.3	1,426.5	.....
Exports of goods and services	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,028.1
Goods ¹	698.3	785.6	813.4	799.7	794.2	754.4	713.5
Durable.....	504.1	570.3	590.4	578.2	573.6	539.6	507.3
Nondurable.....	194.2	215.3	223.0	221.5	220.6	214.8	206.2
Services ¹	291.5	317.3	317.7	321.3	323.2	325.2	314.6
Income receipts.....	313.8	384.2	386.6	402.1	378.9	346.9	.....
Payments to the rest of the world	1,303.6	1,487.1	1,517.8	1,523.1	1,496.3	1,426.5	.....
Imports of goods and services	1,240.6	1,466.9	1,511.8	1,511.6	1,481.2	1,427.0	1,305.4
Goods ¹	1,046.9	1,244.9	1,283.0	1,284.0	1,248.7	1,197.8	1,135.4
Durable.....	715.5	821.6	840.7	836.8	811.2	762.3	731.1
Nondurable.....	331.4	423.3	442.4	447.2	437.6	435.5	404.4
Services ¹	193.7	221.9	228.7	227.7	232.5	229.2	170.0
Income payments.....	320.5	396.3	404.7	397.9	389.4	358.6	.....
Transfer payments (net).....	49.0	54.4	52.6	67.0	45.9	47.6	46.8
From persons (net).....	27.2	29.6	30.1	30.8	30.1	30.8	30.7
From government (net).....	11.6	14.0	11.8	25.5	5.8	7.1	6.9
From business.....	10.2	10.8	10.7	10.6	10.0	9.7	9.2
Net foreign investment.....	-306.6	-430.5	-451.3	-453.4	-420.2	-406.6	.....

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

Table 4.2.—Real Exports and Imports of Goods and Services and Receipts and Payments of Income

(Billions of chained (1996) dollars)

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Exports of goods and services	1,034.9	1,133.2	1,159.3	1,147.5	1,144.1	1,108.3	1,059.0
Goods ¹	751.3	836.1	864.8	849.5	844.4	805.2	765.7
Durable.....	538.4	608.9	629.4	617.1	611.7	575.9	542.7
Nondurable.....	212.8	227.0	235.2	232.2	232.5	229.0	222.8
Services ¹	284.2	299.3	297.8	300.5	301.8	303.6	293.3
Income receipts	301.3	360.2	361.6	374.3	350.3	319.6	.....
Imports of goods and services	1,351.7	1,532.3	1,570.6	1,568.5	1,548.6	1,515.0	1,454.0
Goods ¹	1,159.2	1,315.6	1,348.0	1,345.9	1,322.8	1,290.1	1,247.4
Durable.....	802.6	925.3	946.5	947.7	919.6	870.3	841.7
Nondurable.....	356.9	392.3	403.4	400.7	403.3	415.1	401.2
Services ¹	194.3	218.7	224.6	224.7	227.4	226.2	207.7
Income payments	304.7	367.0	373.7	365.8	355.2	325.7	.....

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

NOTE.— Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Chain-type quantity indexes for the series in this table are shown in table 7.9.

Table 4.3.—Exports and Imports of Goods and Services by Type of Product
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Exports of goods and services	989.8	1,102.9	1,131.1	1,121.0	1,117.4	1,079.6	1,028.1
Exports of goods ¹	698.3	785.6	813.4	799.7	794.2	754.4	713.5
Foods, feeds, and beverages	45.5	47.5	48.9	47.4	49.3	48.1	47.5
Industrial supplies and materials.....	141.8	165.9	171.4	170.9	166.0	157.8	152.7
Durable goods.....	53.9	63.2	63.9	64.1	61.4	57.5	55.3
Nondurable goods.....	88.0	102.7	107.5	106.8	104.6	100.3	97.5
Capital goods, except automotive.....	311.3	357.0	374.5	365.9	367.3	332.8	307.0
Civilian aircraft, engines, and parts.....	52.9	48.1	49.1	47.4	56.1	55.1	53.1
Computers, peripherals, and parts.....	46.7	55.5	58.6	57.2	56.0	48.6	44.7
Other.....	211.6	253.4	266.8	261.2	255.3	229.1	209.1
Automotive vehicles, engines, and parts.....	75.1	80.2	80.6	77.2	71.8	76.3	76.2
Consumer goods, except automotive.....	82.0	90.6	92.4	90.7	94.0	93.6	86.0
Durable goods.....	42.6	47.7	48.6	47.3	50.2	50.1	46.7
Nondurable goods.....	39.4	42.9	43.8	43.5	43.8	43.5	39.2
Other.....	42.6	44.5	45.5	47.6	45.8	45.8	44.1
Exports of services ¹	291.5	317.3	317.7	321.3	323.2	325.2	314.6
Transfers under U.S. military agency sales contracts ...	14.9	12.8	11.8	12.8	12.4	13.2	13.4
Travel.....	74.7	82.0	80.9	81.6	81.2	80.9	73.3
Passenger fares.....	19.8	20.7	20.9	20.7	19.7	19.9	17.8
Other transportation.....	26.9	30.2	30.4	30.4	29.4	28.4	27.3
Royalties and license fees ...	36.4	38.0	38.2	38.5	39.5	40.7	40.5
Other private services.....	98.1	107.6	108.4	109.8	113.0	114.3	114.6
Other.....	20.6	25.9	27.3	27.6	27.8	27.7	27.6
Imports of goods and services	1,240.6	1,466.9	1,511.8	1,511.6	1,481.2	1,427.0	1,305.4
Imports of goods ¹	1,046.9	1,244.9	1,283.0	1,284.0	1,248.7	1,197.8	1,135.4
Foods, feeds, and beverages	43.6	46.0	46.9	46.3	45.9	45.7	46.4
Industrial supplies and materials, except petroleum and products ..	148.5	173.6	177.4	180.2	182.4	174.2	159.0
Durable goods.....	78.9	88.5	88.7	86.9	86.2	80.6	78.2
Nondurable goods.....	69.7	85.1	88.6	93.3	96.2	93.5	80.7
Petroleum and products.....	67.8	120.2	127.9	127.1	117.2	114.3	100.8
Capital goods, except automotive.....	295.3	346.7	358.6	357.3	345.7	299.9	275.7
Civilian aircraft, engines, and parts.....	23.8	26.4	26.7	30.6	31.0	31.1	30.3
Computers, peripherals, and parts.....	81.5	89.8	93.6	89.6	85.7	75.9	68.5
Other.....	190.0	230.5	238.4	237.2	228.9	192.9	176.9
Automotive vehicles, engines, and parts.....	179.0	195.9	198.4	193.0	186.9	191.3	192.7
Consumer goods, except automotive.....	241.8	281.6	286.4	292.8	291.9	286.5	276.0
Durable goods.....	126.9	150.0	151.2	155.9	153.0	147.5	142.0
Nondurable goods.....	114.9	131.6	135.2	136.8	138.9	139.0	134.0
Other.....	70.9	81.1	87.5	87.2	78.7	86.0	84.9
Imports of services ¹	193.7	221.9	228.7	227.7	232.5	229.2	170.0
Direct defense expenditures	13.3	13.6	14.2	13.5	14.2	13.8	14.2
Travel.....	58.9	64.5	64.3	63.8	64.7	65.0	54.9
Passenger fares.....	21.3	24.2	24.9	24.1	24.0	25.8	23.5
Other transportation.....	34.1	41.1	42.2	42.9	42.1	39.3	37.2
Royalties and license fees ...	12.6	16.1	18.1	17.0	18.1	17.7	17.4
Other private services.....	46.1	54.7	57.2	58.5	61.4	59.5	14.6
Other.....	7.4	7.8	7.8	7.9	8.0	8.1	8.2
Addenda:							
Exports of agricultural goods ²	49.7	52.8	54.5	53.2	54.4	53.9	54.5
Exports of nonagricultural goods.....	648.6	732.8	758.9	746.5	739.8	700.5	659.0
Imports of nonpetroleum goods.....	979.1	1,124.8	1,155.1	1,156.9	1,131.5	1,083.5	1,034.7

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

2. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Table 4.4.—Real Exports and Imports of Goods and Services by Type of Product
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Exports of goods and services	1,034.9	1,133.2	1,159.3	1,147.5	1,144.1	1,108.3	1,059.0
Exports of goods ¹	751.3	836.1	864.8	849.5	844.4	805.2	765.7
Foods, feeds, and beverages	56.6	60.0	63.0	59.8	62.1	61.1	59.1
Industrial supplies and materials.....	152.8	168.2	172.6	172.1	168.7	162.7	161.3
Durable goods.....	58.2	67.1	67.6	68.2	65.8	62.0	59.6
Nondurable goods.....	94.6	101.2	105.1	104.1	102.9	100.6	101.4
Capital goods, except automotive.....	342.1	394.9	413.6	404.3	405.2	367.3	340.1
Civilian aircraft, engines, and parts.....	49.4	43.1	43.8	41.7	48.4	47.0	45.0
Computers, peripherals, and parts [*]	68.3	85.6	90.7	88.8	87.5	76.6	71.7
Other.....	225.3	271.5	285.4	280.2	273.7	246.1	225.5
Automotive vehicles, engines, and parts.....	73.9	78.3	78.6	75.4	70.0	74.2	74.1
Consumer goods, except automotive.....	81.6	89.8	91.6	90.1	93.5	93.3	85.7
Durable goods.....	42.6	47.3	48.2	47.0	49.8	49.8	46.3
Nondurable goods.....	39.1	42.5	43.4	43.2	43.8	43.6	39.4
Other.....	44.6	45.9	47.1	49.0	47.1	47.0	45.5
Exports of services ¹	284.2	299.3	297.8	300.5	301.8	303.6	293.3
Transfers under U.S. military agency sales contracts ...	14.9	13.0	11.9	12.9	12.6	13.5	13.6
Travel.....	70.4	73.8	72.4	72.6	72.3	71.7	65.9
Passenger fares.....	19.3	19.7	19.7	19.8	18.4	19.1	16.6
Other transportation.....	27.6	28.1	27.7	27.4	27.4	26.9	26.0
Royalties and license fees ...	34.9	35.6	35.6	35.8	36.5	37.4	37.0
Other private services.....	100.2	108.8	109.1	110.5	113.5	114.6	114.3
Other.....	17.5	20.7	21.6	21.9	21.7	21.3	21.1
Residual.....	-2.5	-9.0	-11.6	-10.8	-9.4	-4.2	-3.1
Imports of goods and services	1,351.7	1,532.3	1,570.6	1,568.5	1,548.6	1,515.0	1,454.0
Imports of goods ¹	1,159.2	1,315.6	1,348.0	1,345.9	1,322.8	1,290.1	1,247.4
Foods, feeds, and beverages	46.1	49.4	50.6	50.4	49.7	50.6	52.0
Industrial supplies and materials, except petroleum and products ..	157.2	167.9	169.4	167.2	165.0	166.5	164.4
Durable goods.....	81.1	86.5	86.3	86.0	84.9	79.8	79.5
Nondurable goods.....	76.0	81.4	83.0	81.2	80.1	85.9	84.2
Petroleum and products.....	81.4	86.0	87.7	85.9	91.3	92.2	85.1
Capital goods, except automotive.....	375.8	451.7	467.7	470.1	456.6	400.4	372.0
Civilian aircraft, engines, and parts.....	22.1	23.9	24.0	27.3	27.5	27.1	26.3
Computers, peripherals, and parts [*]	130.4	152.6	159.4	156.4	151.9	139.4	130.9
Other.....	226.9	279.3	289.3	289.1	279.5	236.7	217.5
Automotive vehicles, engines, and parts.....	177.2	192.5	194.7	189.5	183.4	188.3	189.9
Consumer goods, except automotive.....	249.9	293.5	298.7	306.2	305.4	300.7	290.0
Durable goods.....	134.9	161.2	162.6	168.2	165.2	160.2	154.7
Nondurable goods.....	115.2	132.7	136.4	138.4	140.5	140.6	135.4
Other.....	71.5	80.9	87.1	86.6	77.6	85.2	85.1
Imports of services ¹	194.3	218.7	224.6	224.7	227.4	226.2	207.7
Direct defense expenditures	14.6	15.4	16.1	15.6	16.1	16.0	16.1
Travel.....	60.1	66.7	66.7	67.5	66.8	68.4	57.2
Passenger fares.....	19.4	20.7	21.1	20.0	19.3	20.7	17.7
Other transportation.....	31.8	34.9	35.7	35.7	35.6	33.5	32.2
Royalties and license fees ...	12.1	15.1	16.9	15.8	16.7	16.3	15.9
Other private services.....	49.1	58.6	60.8	63.0	66.2	64.6	63.8
Other.....	7.2	7.4	7.4	7.5	7.6	7.7	7.8
Residual.....	-5.4	-12.9	-15.2	-15.6	-11.3	1.8	2.7
Addenda:							
Exports of agricultural goods ²	63.2	68.5	72.1	68.7	69.9	69.9	69.0
Exports of nonagricultural goods.....	687.5	766.6	792.0	779.7	773.7	735.1	697.0
Imports of nonpetroleum goods.....	1,074.9	1,227.6	1,258.7	1,259.5	1,227.7	1,192.9	1,158.9

* Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. For exports and for imports, the residual line is the difference between the aggregate line and the sum of the most detailed lines.

Chain-type quantity indexes for the series in this table are shown in table 7.10.

Contributions to the percent change in real exports and in real imports of goods and services are shown in table 8.5.

See footnotes to table 4.3.

5. Saving and Investment

Table 5.1.—Gross Saving and Investment

(Billions of dollars)

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Gross saving	1,707.4	1,785.7	1,807.4	1,799.7	1,754.0	1,750.5	.....
Gross private saving	1,348.0	1,323.0	1,329.6	1,332.7	1,307.9	1,321.2	.....
Personal saving	160.9	67.7	54.5	74.7	78.8	81.5	286.7
Undistributed corporate profits with inventory valuation and capital consumption adjustments	228.7	225.3	233.9	197.0	147.8	119.5	.....
Undistributed profits	179.8	194.3	197.2	165.9	113.7	98.0	.....
Inventory valuation adjustment	-2.9	-12.4	-3.6	-7.3	-1.9	-8.8	.....
Capital consumption adjustment	51.7	43.4	40.4	38.4	36.0	30.3	12.6
Corporate consumption of fixed capital	669.2	727.1	736.0	749.7	763.8	785.6	847.7
Noncorporate consumption of fixed capital	284.1	302.8	305.2	311.3	317.5	334.6	329.8
Wage accruals less disbursements	5.2	.0	.0	.0	.0	.0	.0
Gross government saving	359.4	462.7	477.8	467.1	446.1	429.3	.....
Federal	210.9	315.0	326.9	320.5	303.7	286.2	.....
Consumption of fixed capital	91.7	96.4	97.0	97.9	98.4	99.4	99.9
Current surplus or deficit (-), national income and product accounts	119.2	218.6	229.9	222.5	205.3	186.7	.....
State and local	148.5	147.8	150.9	146.6	142.5	143.2	.....
Consumption of fixed capital	106.4	114.9	116.1	118.0	120.2	121.9	129.5
Current surplus or deficit (-), national income and product accounts	42.1	32.8	34.8	28.6	22.3	21.3	.....
Gross investment	1,634.7	1,655.3	1,651.1	1,649.7	1,633.5	1,607.3	.....
Gross private domestic investment	1,636.7	1,767.5	1,788.4	1,780.3	1,722.8	1,669.9	1,622.6
Gross government investment	304.6	318.3	314.0	322.8	330.9	344.0	335.7
Net foreign investment	-306.6	-430.5	-451.3	-453.4	-420.2	-406.6	.....
Statistical discrepancy	-72.7	-130.4	-156.3	-150.0	-120.5	-143.2	.....
Addendum:							
Gross saving as a percentage of gross national product	18.4	18.1	18.2	17.9	17.3	17.2	.....

Table 5.4.—Private Fixed Investment by Type

(Billions of dollars)

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Private fixed investment	1,578.2	1,718.1	1,735.9	1,741.6	1,748.3	1,706.5	1,669.2
Nonresidential	1,174.6	1,293.1	1,314.9	1,318.2	1,311.2	1,260.2	1,219.7
Structures	283.5	313.6	321.1	330.9	345.8	338.6	329.7
Nonresidential buildings, including farm	206.9	227.0	231.0	235.1	241.3	230.4	212.9
Utilities	47.2	51.7	52.3	57.5	60.5	59.4	54.6
Mining exploration, shafts, and wells	22.6	27.6	30.1	30.5	36.9	42.0	42.9
Other structures	6.8	7.3	7.8	7.8	7.1	6.7	19.3
Equipment and software	891.1	979.5	993.8	987.3	965.4	921.7	890.0
Information processing equipment and software	399.7	466.5	475.1	486.5	460.4	431.1	409.3
Computers and peripheral equipment ¹	90.8	109.3	113.3	114.0	102.9	89.6	78.8
Software ²	159.8	183.1	186.8	193.3	190.5	189.0	184.4
Other	149.1	174.1	175.0	179.3	167.1	152.5	146.1
Industrial equipment	149.3	166.7	169.5	170.1	175.8	166.4	155.2
Transportation equipment	199.1	195.9	197.2	180.1	179.0	175.7	176.2
Other	142.9	150.3	151.9	150.5	150.3	148.5	149.3
Residential	403.5	425.1	421.0	423.4	437.0	446.2	449.5
Structures	394.7	415.6	411.5	413.9	427.5	436.7	440.0
Single family	208.6	220.7	216.0	216.4	226.5	229.6	230.4
Multifamily	27.4	28.1	26.8	27.9	29.6	31.0	31.0
Other structures	158.7	166.9	168.8	169.7	171.4	176.1	178.5
Equipment	8.8	9.4	9.4	9.5	9.5	9.6	9.5

1. Includes new computers and peripheral equipment only.

2. Excludes software "embedded," or bundled, in computers and other equipment.

Table 5.5.—Real Private Fixed Investment by Type

(Billions of chained (1996) dollars)

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Private fixed investment	1,595.4	1,716.2	1,730.1	1,732.1	1,740.3	1,696.4	1,659.5
Nonresidential	1,228.6	1,350.7	1,371.1	1,374.5	1,373.9	1,320.9	1,279.8
Structures	256.9	272.8	278.2	283.3	291.7	282.3	273.3
Nonresidential buildings, including farm	185.5	194.9	197.5	199.1	202.0	191.6	176.5
Utilities	45.7	48.5	49.0	53.5	56.1	55.0	50.2
Mining exploration, shafts, and wells	20.0	23.5	25.3	24.8	28.3	30.4	30.5
Other structures	6.4	6.7	7.1	7.0	6.3	5.9	16.9
Equipment and software	978.3	1,087.4	1,102.3	1,099.3	1,087.7	1,043.2	1,011.0
Information processing equipment and software	506.2	609.5	621.0	641.8	620.9	588.1	566.4
Computers and peripheral equipment ¹	208.6	290.3	305.2	317.6	314.4	287.3	268.9
Software ²	167.3	187.6	189.7	196.0	192.9	191.1	186.6
Other	157.2	186.5	187.7	193.2	180.8	165.9	159.5
Industrial equipment	146.4	162.6	165.1	165.6	170.7	161.2	150.4
Transportation equipment	197.6	192.7	193.2	176.2	177.4	174.4	172.5
Other	138.2	144.8	146.1	144.4	143.3	141.1	141.5
Residential	368.3	371.4	366.3	365.3	372.9	378.3	380.0
Structures	359.3	361.8	356.8	355.8	363.3	368.6	370.5
Single family	188.9	190.9	186.2	185.0	191.1	192.8	193.3
Multifamily	23.4	22.7	21.5	22.2	23.3	24.2	24.2
Other structures	147.0	148.4	149.3	148.7	149.0	151.6	153.0
Equipment	9.0	9.6	9.6	9.6	9.7	9.7	9.6
Residual	-45.8	-93.5	-102.4	-110.8	-105.0	-85.8	-74.1

1. Includes new computers and peripheral equipment only. Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component; accurate estimates of these contributions are shown in table 8.4.

2. Excludes software "embedded," or bundled, in computers and other equipment.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Chain-type quantity indexes for the series in this table are shown in table 7.6. Contributions to the percent change in real private fixed investment are shown in table 8.4.

Table 5.10B.—Change in Private Inventories by Industry

[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Change in private inventories	58.6	49.4	52.5	38.7	-25.5	-36.6	-46.6
Farm.....	-1.5	-1.8	-2.8	.9	.7	-1.2	-2.5
Construction, mining, and utilities.....	-7	-2.5	-1	-9.0	2.6	8.0	4.3
Manufacturing.....	12.3	12.4	11.8	12.0	-13.6	-33.4	-41.3
Durable goods industries....	5.8	12.1	10.7	16.8	-9.3	-23.8	-33.1
Nondurable goods industries.....	6.5	.4	1.2	-4.8	-4.3	-9.6	-8.2
Wholesale trade.....	17.2	20.5	16.7	12.3	-3.3	2.2	-15.7
Durable goods industries....	12.2	13.4	8.6	5.4	-3.7	-10.9	-16.8
Nondurable goods industries.....	5.0	7.1	8.0	6.8	.4	13.1	1.1
Retail trade.....	24.6	15.1	19.0	19.6	-15.6	-13.4	7.7
Motor vehicle dealers.....	12.4	6.0	10.4	8.5	-19.7	-5.6	2.1
Food and beverage stores....	1.7	-2	.4	.1	1.3	.4	-6
General merchandise stores.....	2.7	1.2	.0	2.8	6.1	-4	1.7
Other retail stores.....	7.8	8.2	8.2	8.2	-3.3	-7.8	4.5
Other industries.....	6.7	5.6	7.9	2.8	3.6	1.2	.9
Addenda:							
Change in private inventories.....	58.6	49.4	52.5	38.7	-25.5	-36.6	-46.6
Durable goods industries.....	35.3	34.7	33.0	31.5	-31.0	-42.3	-47.0
Nondurable goods industries.....	23.3	14.7	19.5	7.2	5.5	5.8	.4
Nonfarm industries.....	60.1	51.1	55.3	37.8	-26.2	-35.3	-44.0
Nonfarm change in book value ¹	66.3	74.5	65.7	61.2	-28.2	-34.0	-56.0
Nonfarm inventory valuation adjustment ² ..	-6.3	-23.4	-10.4	-23.4	2.0	-1.3	12.0
Wholesale trade.....	17.2	20.5	16.7	12.3	-3.3	2.2	-15.7
Merchant wholesale trade.....	15.5	16.0	10.5	8.8	-2.9	2.2	-8.6
Durable goods industries.....	11.0	9.5	2.9	2.4	-3.0	-10.8	-11.1
Nondurable goods industries.....	4.4	6.6	7.5	6.4	.1	13.0	2.5
Nonmerchant wholesale trade.....	1.8	4.4	6.2	3.5	-4	.1	-7.1

Table 5.11B.—Real Change in Private Inventories by Industry

[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Change in private inventories	62.1	50.6	51.7	42.8	-27.1	-38.3	-50.4
Farm.....	-1.9	-2.0	-5.4	3.0	.2	-2.5	-3.5
Construction, mining, and utilities.....	-6	-1.8	.1	-6.8	1.9	6.8	4.1
Manufacturing.....	13.3	13.1	12.0	12.9	-15.0	-35.6	-45.7
Durable goods industries....	6.2	12.7	10.8	17.9	-10.5	-25.3	-36.9
Nondurable goods industries.....	7.0	.6	1.3	-4.4	-4.5	-10.2	-8.8
Wholesale trade.....	19.1	21.2	18.2	12.5	-3.0	2.6	-16.5
Durable goods industries....	13.6	14.2	10.2	5.5	-3.7	-11.6	-18.2
Nondurable goods industries.....	5.5	7.0	8.0	6.8	.6	12.8	.9
Retail trade.....	24.5	14.9	18.7	19.3	-15.3	-13.2	7.5
Motor vehicle dealers.....	12.5	6.0	10.4	8.4	-19.6	-5.6	2.1
Food and beverage stores....	1.6	-2	.4	.1	1.2	.4	-5
General merchandise stores.....	2.7	1.1	.0	2.7	6.0	-4	1.7
Other retail stores.....	7.8	8.1	8.1	8.1	-3.2	-7.7	4.3
Other industries.....	6.8	5.5	7.7	2.8	3.6	1.2	.9
Residual.....	.9	-6	.1	-1.3	.9	3.8	3.5
Addenda:							
Change in private inventories.....	62.1	50.6	51.7	42.8	-27.1	-38.3	-50.4
Durable goods industries.....	37.5	36.0	34.8	32.8	-32.8	-44.5	-51.1
Nondurable goods industries.....	24.6	15.1	17.2	10.5	4.5	4.5	-.8
Nonfarm industries.....	63.5	52.3	56.6	39.7	-27.3	-35.8	-46.8
Wholesale trade.....	19.1	21.2	18.2	12.5	-3.0	2.6	-16.5
Merchant wholesale trade.....	17.1	16.6	11.8	8.9	-2.5	2.6	-9.0
Durable goods industries.....	12.3	9.9	4.0	2.2	-3.0	-11.5	-11.9
Nondurable goods industries.....	4.8	6.6	7.6	6.4	.3	12.8	2.3
Nonmerchant wholesale trade.....	2.0	4.5	6.2	3.6	-4	.0	-7.2

NOTE.— Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (1996) dollar series for real change in private inventories are calculated as the period-to-period change in chained-dollar end-of-period inventories. Quarterly changes in end-of-period inventories are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

1. This series is derived from the Census Bureau series "current cost inventories."
 2. The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (such as first-in, first-out and last-in, first-out) underlying inventories derived primarily from Census Bureau statistics (see footnote 1). This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

NOTE.— Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 5.12B.—Private Inventories and Domestic Final Sales by Industry
[Billions of dollars]

	Seasonally adjusted quarterly totals				
	2000		2001		
	III	IV	I	II	III
Private inventories ¹	1,486.3	1,507.1	1,486.3	1,464.6	1,444.4
Farm.....	96.6	103.2	108.0	105.5	102.4
Construction, mining, and utilities.....	39.9	41.4	44.8	41.8	38.3
Manufacturing.....	485.9	489.0	465.5	450.5	439.4
Durable goods industries.....	299.7	303.3	294.8	285.8	275.5
Nondurable goods industries.....	186.2	185.7	170.8	164.6	163.9
Wholesale trade.....	361.5	363.9	361.4	361.7	357.1
Durable goods industries.....	224.1	224.1	221.4	218.1	213.3
Nondurable goods industries.....	137.5	139.8	140.0	143.6	143.8
Retail trade.....	397.2	403.4	399.1	397.0	399.7
Motor vehicle dealers.....	125.8	128.8	123.3	121.7	122.8
Food and beverage stores.....	31.8	32.0	32.9	33.2	33.2
General merchandise stores.....	63.5	64.3	66.1	66.1	66.6
Other retail stores.....	176.1	178.3	176.9	176.0	177.0
Other industries.....	105.2	106.2	107.4	108.2	107.4
Addenda:					
Private inventories.....	1,486.3	1,507.1	1,486.3	1,464.6	1,444.4
Durable goods industries.....	726.9	733.6	716.6	703.0	689.1
Nondurable goods industries.....	759.4	773.5	769.7	761.6	755.3
Nonfarm industries.....	1,389.8	1,403.9	1,378.3	1,359.1	1,341.9
Wholesale trade.....	361.5	363.9	361.4	361.7	357.1
Merchant wholesale trade.....	307.4	309.5	307.5	307.6	305.1
Durable goods industries.....	192.3	191.7	189.4	186.2	182.9
Nondurable goods industries.....	115.1	117.7	118.1	121.4	122.2
Nonmerchant wholesale trade.....	54.1	54.5	53.9	54.1	52.0
Final sales of domestic business ²	696.6	704.1	716.6	720.5	723.0
Final sales of goods and structures of domestic business ²	382.4	383.0	390.4	391.1	388.5
Ratios of private inventories to final sales of domestic business:					
Private inventories to final sales.....	2.13	2.14	2.07	2.03	2.00
Nonfarm inventories to final sales.....	2.00	1.99	1.92	1.89	1.86
Nonfarm inventories to final sales of goods and structures.....	3.63	3.67	3.53	3.47	3.45

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current-dollar change in the private inventories component of GDP. The former is the difference between two inventory stocks, each valued at its respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas, the change in private inventories is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

NOTE.— Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 5.13B.—Real Private Inventories and Real Domestic Final Sales by Industry
[Billions of chained (1996) dollars]

	Seasonally adjusted quarterly totals				
	2000		2001		
	III	IV	I	II	III
Private inventories ¹	1,494.3	1,505.0	1,498.3	1,488.7	1,476.1
Farm.....	103.8	104.6	104.6	104.0	103.1
Construction, mining, and utilities.....	36.4	34.7	35.2	36.9	37.9
Manufacturing.....	487.1	490.3	486.5	477.6	466.2
Durable goods industries.....	307.2	311.7	309.1	302.7	293.5
Nondurable goods industries.....	179.8	178.7	177.6	175.0	172.8
Wholesale trade.....	372.3	375.4	374.7	375.3	371.2
Durable goods industries.....	239.0	240.4	239.5	236.6	232.0
Nondurable goods industries.....	133.4	135.1	135.2	138.4	138.6
Retail trade.....	389.0	393.8	390.0	386.7	388.6
Motor vehicle dealers.....	125.5	127.6	122.7	121.3	121.8
Food and beverage stores.....	30.0	30.0	30.3	30.4	30.2
General merchandise stores.....	62.2	62.9	64.3	64.2	64.7
Other retail stores.....	171.3	173.3	172.5	170.6	171.7
Other industries.....	104.5	105.2	106.1	106.4	106.6
Residual.....	1.2	.8	1.2	2.2	3.2
Addenda:					
Private inventories.....	1,494.3	1,505.0	1,498.3	1,488.7	1,476.1
Durable goods industries.....	748.8	757.0	748.8	737.7	724.9
Nondurable goods industries.....	744.4	747.1	748.2	749.3	749.1
Nonfarm industries.....	1,389.5	1,399.5	1,392.6	1,383.7	1,372.0
Wholesale trade.....	372.3	375.4	374.7	375.3	371.2
Merchant wholesale trade.....	319.4	321.6	321.0	321.6	319.4
Durable goods industries.....	205.4	206.0	205.2	202.3	199.4
Nondurable goods industries.....	114.0	115.6	115.7	118.9	119.5
Nonmerchant wholesale trade.....	52.9	53.8	53.7	53.7	51.9
Final sales of domestic business ²	654.4	658.6	665.5	665.9	665.0
Final sales of goods and structures of domestic business ²	373.2	372.8	378.4	377.0	374.3
Ratios of private inventories to final sales of domestic business:					
Private inventories to final sales.....	2.28	2.29	2.25	2.24	2.22
Nonfarm inventories to final sales.....	2.12	2.13	2.09	2.08	2.06
Nonfarm inventories to final sales of goods and structures.....	3.72	3.75	3.68	3.67	3.67

1. Inventories are as of the end of the quarter. The quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the change in private inventories component of GDP is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

NOTE.— Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (1996) dollar inventory series are calculated to ensure that the chained (1996) dollar change in inventories for 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-of-year chain-weighted and fixed-weighted inventories are equal. Chained (1996) dollar final sales are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines for inventories.

6. Income and Employment by Industry

Table 6.1C.—National Income Without Capital Consumption Adjustment by Industry Group
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
National income without capital consumption adjustment	7,416.5	7,946.6	8,016.5	8,095.6	8,143.9	8,194.4	.....
Domestic industries	7,423.3	7,958.7	8,034.6	8,091.4	8,154.4	8,206.1	.....
Private industries	6,469.1	6,949.7	7,020.2	7,071.1	7,119.3	7,158.4	.....
Agriculture, forestry, and fishing	110.7	117.9	120.7	118.5	119.1	119.9	.....
Mining	48.2	57.1	58.6	60.4	66.3	65.8	.....
Construction	389.9	425.0	426.5	434.1	445.5	447.7	.....
Manufacturing	1,189.8	1,237.5	1,251.1	1,221.5	1,195.1	1,194.8	.....
Durable goods	697.7	723.2	732.0	713.2	699.7	687.0	.....
Nondurable goods	492.1	514.3	519.1	508.4	495.4	507.8	.....
Transportation and public utilities	515.4	555.4	561.5	567.5	572.9	571.8	.....
Transportation	234.9	245.2	246.4	247.8	244.4	242.0	.....
Communications	144.4	163.4	163.8	172.7	173.1	169.3	.....
Electric, gas, and sanitary services	136.1	146.7	151.4	147.1	155.4	160.5	.....
Wholesale trade	444.8	479.7	486.2	485.9	475.0	471.7	.....
Retail trade	621.8	663.5	669.7	670.1	687.5	693.1	.....
Finance, insurance, and real estate	1,379.9	1,476.6	1,489.0	1,513.7	1,528.7	1,541.3	.....
Services	1,768.7	1,937.0	1,956.9	1,999.3	2,029.3	2,052.3	.....
Government	954.1	1,009.0	1,014.4	1,020.3	1,035.0	1,047.6	.....
Rest of the world	-6.8	-12.1	-18.1	4.2	-10.4	-11.7	.....

NOTE.— Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

Table 6.16C.—Corporate Profits by Industry Group
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Corporate profits with inventory valuation and capital consumption adjustments	825.2	876.4	895.0	847.6	789.8	759.8	.....
Domestic industries	710.5	739.6	754.0	690.8	649.7	615.8	.....
Financial	180.3	189.5	187.2	187.5	184.9	165.4	.....
Nonfinancial	530.3	550.1	566.8	503.4	464.8	450.4	.....
Rest of the world	114.6	136.8	141.0	156.8	140.0	144.0	.....
Receipts from the rest of the world	173.3	204.9	205.0	210.4	201.0	194.0	.....
Less: Payments to the rest of the world	58.7	68.1	64.0	53.6	61.0	50.0	.....
Corporate profits with inventory valuation adjustment	773.4	833.0	854.6	809.2	753.8	729.5	.....
Domestic industries	658.8	696.3	713.6	652.4	613.8	585.4	.....
Financial	191.0	204.4	203.1	204.4	202.2	183.3	.....
Federal Reserve banks	25.7	30.0	30.4	30.9	30.4	28.7	.....
Other	165.3	174.4	172.7	173.5	171.7	154.6	.....
Nonfinancial	467.8	491.8	510.6	448.0	411.6	402.1	.....
Manufacturing	163.7	155.2	159.4	119.4	90.4	93.4	.....
Durable goods	75.8	63.2	65.7	38.1	24.8	15.6	.....
Primary metal industries	2.6	3.1	3.5	1.6	-2.0	-1.5	.....
Fabricated metal products	16.7	14.3	14.2	7.4	9.3	9.7	.....
Industrial machinery and equipment	9.4	7.9	11.0	7.6	4.5	-3.6	.....
Electronic and other electric equipment	6.2	3.7	2.3	.8	-1.5	-4.8	.....
Motor vehicles and equipment	6.7	5.1	5.2	2.6	-2.9	-3.2	.....
Other	34.2	29.1	29.5	18.0	17.4	18.9	.....
Nondurable goods	87.9	92.0	93.7	81.3	65.6	77.8	.....
Food and kindred products	25.2	21.6	23.6	17.2	10.9	16.6	.....
Chemicals and allied products	26.6	30.6	29.6	32.2	25.1	29.0	.....
Petroleum and coal products .....	.5	7.5	10.0	7.9	9.0	10.4	.....
Other	35.6	32.3	30.5	23.9	20.5	22.0	.....
Transportation and public utilities	59.0	67.4	70.5	67.3	66.4	62.6	.....
Transportation	15.3	13.7	13.6	10.7	5.1	3.3	.....
Communications	5.9	12.7	12.8	17.8	15.5	9.9	.....
Electric, gas, and sanitary services	37.8	41.0	44.1	38.7	45.8	49.4	.....
Wholesale trade	53.8	60.5	63.7	55.9	40.3	34.0	.....
Retail trade	77.1	81.8	84.5	76.3	84.9	85.6	.....
Other	114.2	126.9	132.5	129.1	129.7	126.5	.....
Rest of the world	114.6	136.8	141.0	156.8	140.0	144.0	.....

NOTE.— Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

Table 7.2.—Quantity and Price Indexes for Gross Domestic Product, Final Sales, and Purchases

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Gross domestic product:							
Current dollars	118.63	126.36	127.19	128.35	129.80	130.58	131.16
Chain-type quantity index....	113.35	118.06	118.52	119.08	119.47	119.56	119.46
Chain-type price index	104.66	107.04	107.31	107.78	108.65	109.22	109.80
Implicit price deflator	104.65	107.04	107.31	107.78	108.65	109.21	109.80
Final sales of domestic product:							
Current dollars	118.33	126.22	127.00	128.34	130.63	131.55	132.26
Chain-type quantity index....	112.96	117.78	118.22	118.93	120.10	120.32	120.33
Chain-type price index	104.76	107.16	107.44	107.92	108.77	109.34	109.93
Implicit price deflator	104.75	107.16	107.43	107.91	108.77	109.34	109.92
Gross domestic purchases:							
Current dollars	120.47	129.55	130.57	131.84	132.95	133.51	133.19
Chain-type quantity index....	115.85	121.42	122.01	122.68	122.88	123.01	122.81
Chain-type price index	103.99	106.70	107.02	107.47	108.19	108.54	108.46
Implicit price deflator	103.98	106.69	107.02	107.47	108.19	108.53	108.46
Final sales to domestic purchasers:							
Current dollars	120.18	129.41	130.40	131.85	133.78	134.48	134.29
Chain-type quantity index....	115.47	121.16	121.73	122.55	123.52	123.78	123.68
Chain-type price index	104.08	106.81	107.13	107.60	108.31	108.65	108.58
Implicit price deflator	104.08	106.81	107.13	107.60	108.30	108.65	108.58
Addenda:							
Final sales of computers: ¹							
Current dollars	112.50	140.41	144.51	149.64	136.78	120.56	109.52
Chain-type quantity index....	299.26	455.72	479.77	512.33	523.45	484.59	469.94
Chain-type price index	37.59	30.81	29.99	29.09	26.02	24.77	23.21
Implicit price deflator	37.59	30.81	30.12	29.21	26.13	24.88	23.30
Gross domestic product less final sales of computers:							
Current dollars	118.69	126.22	127.01	128.13	129.73	130.68	131.38
Chain-type quantity index....	112.22	116.41	116.80	117.27	117.63	117.81	117.73
Chain-type price index	105.77	108.44	108.75	109.27	110.30	110.93	111.59
Implicit price deflator	105.77	108.43	108.75	109.27	110.29	110.93	111.59
Gross domestic purchases less final sales of computers:							
Current dollars	120.38	129.29	130.28	131.55	132.83	133.59	133.43
Chain-type quantity index....	114.35	119.38	119.89	120.47	120.67	120.88	120.73
Chain-type price index	105.28	108.31	108.67	109.20	110.09	110.52	110.52
Implicit price deflator	105.27	108.31	108.67	109.20	110.08	110.51	110.52
Chain-type price indexes for gross domestic product:							
Food	104.67	107.08	107.49	108.08	109.15	109.92	111.08
Energy goods and services	98.67	103.49	103.41	104.67	113.13	120.40	115.61
Gross domestic product less food and energy....	104.87	107.17	107.44	107.87	108.47	108.79	109.48
Chain-type price indexes for gross domestic purchases:							
Food	105.78	108.23	108.74	109.17	110.28	110.99	112.00
Energy goods and services	95.61	113.69	115.32	118.44	121.11	122.92	115.88
Gross domestic purchases less food and energy....	104.17	106.26	106.51	106.86	107.46	107.70	107.80

1. For some components of final sales of computers, includes computer parts.
NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.3.—Quantity and Price Indexes for Gross National Product and Command-Basis Gross National Product

[Index numbers, 1996=100]

	1999	2000	2000	2001	2001	
Gross national product:						
Current dollars	118.27	125.92	126.66	128.10	129.37	130.13
Chain-type quantity index....	113.05	117.69	118.08	118.90	119.13	119.21
Chain-type price index	104.62	107.00	107.27	107.74	108.60	109.16
Implicit price deflator	104.62	106.99	107.27	107.74	108.60	109.16
Less: Exports of goods and services and income receipts from the rest of the world:						
Chain-type quantity index....	119.39	133.62	136.04	136.22	133.62	127.53
Plus: Command-basis exports of goods and services and income receipts from the rest of the world:						
Chain-type quantity index....	123.41	135.40	137.51	137.74	135.91	131.05
Equals: Command-basis gross national product:						
Chain-type quantity index....	113.62	117.94	118.29	119.12	119.45	119.71

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.4.—Chain-Type Quantity and Price Indexes for Personal Consumption Expenditures by Major Type of Product

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
Personal consumption expenditures.....	113.96	119.48	120.14	121.07	121.98	122.74	123.11
Durable goods.....	132.66	145.27	146.66	145.90	149.63	152.17	152.80
Motor vehicles and parts....	127.83	135.90	137.03	134.18	139.29	141.20	141.19
Furniture and household equipment	141.30	159.17	160.97	162.03	165.08	169.07	171.19
Other	126.80	140.18	141.40	142.23	143.97	145.59	145.24
Nondurable goods.....	112.22	117.52	118.43	118.60	119.31	119.40	119.57
Food	107.87	112.13	112.75	112.78	112.89	112.74	112.90
Clothing and shoes.....	120.68	129.67	131.40	131.45	132.52	133.10	132.13
Gasoline, fuel oil, and other energy goods.....	108.27	107.59	108.44	107.96	109.21	107.39	106.17
Gasoline and oil	110.09	109.99	110.79	110.48	111.89	110.89	111.73
Fuel oil and coal.....	93.95	88.82	90.07	88.41	88.50	80.73	64.07
Other	116.96	124.28	125.28	126.06	127.57	128.63	130.01
Services.....	111.36	115.78	116.19	117.78	118.32	119.13	119.55
Housing	107.64	110.03	110.28	110.88	111.49	111.96	112.48
Household operation	112.89	119.02	119.69	123.99	123.66	121.99	123.02
Electricity and gas	102.70	105.96	105.45	112.13	108.83	104.85	104.94
Other household operation	119.76	127.82	129.36	131.91	133.85	134.02	135.77
Transportation	113.93	117.32	117.51	118.49	118.80	118.68	117.78
Medical care	107.79	110.99	111.35	112.35	113.16	114.45	115.46
Recreation	114.88	118.78	118.89	119.61	121.52	121.83	121.25
Other	116.81	124.36	125.03	127.64	127.84	129.87	129.95
Addenda:							
Energy goods and services ¹	105.55	106.69	106.96	109.65	108.84	106.03	105.41
Personal consumption expenditures less food and energy	115.62	121.66	122.35	123.34	124.51	125.71	126.19
Chain-type price indexes							
Personal consumption expenditures.....	104.72	107.52	107.85	108.37	109.23	109.59	109.49
Durable goods.....	93.04	91.53	91.29	91.03	90.86	90.05	89.41
Motor vehicles and parts....	99.11	99.57	99.55	99.79	100.44	100.09	99.68
Furniture and household equipment	85.21	81.51	81.14	80.10	78.87	77.39	76.36
Other	96.60	95.77	95.41	95.83	96.37	96.12	95.97
Nondurable goods.....	103.67	107.55	107.96	108.49	109.01	109.74	109.34
Food	106.13	108.64	109.15	109.60	110.69	111.39	112.42
Clothing and shoes.....	96.42	95.18	94.64	95.18	95.03	93.68	92.39
Gasoline, fuel oil, and other energy goods.....	94.58	121.87	123.32	125.53	123.80	129.26	117.73
Gasoline and oil	94.76	121.07	122.65	123.97	121.99	128.74	116.60
Fuel oil and coal.....	92.64	129.27	129.33	140.32	141.13	132.89	129.06
Other	106.95	109.36	109.92	110.06	110.71	111.49	112.48
Services.....	107.80	111.10	111.52	112.24	113.53	114.00	114.18
Housing	109.31	112.79	113.21	114.19	115.27	116.57	117.79
Household operation	100.43	102.14	102.48	103.79	107.12	107.14	106.88
Electricity and gas	98.06	103.67	105.20	108.84	117.48	117.11	115.20
Other household operation	101.89	101.36	101.03	101.03	101.34	101.58	102.20
Transportation	105.47	108.55	109.02	109.86	110.23	110.10	109.90
Medical care	107.06	110.24	110.74	111.48	112.83	113.15	112.83
Recreation	108.86	112.87	113.60	114.16	115.13	116.44	117.17
Other	110.65	114.42	114.71	114.92	115.83	115.84	115.73
Addenda:							
Energy goods and services ¹	96.25	113.33	114.80	117.69	120.98	123.67	116.69
Personal consumption expenditures less food and energy	104.99	107.02	107.25	107.65	108.33	108.51	108.59

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Table 7.6.—Chain-Type Quantity and Price Indexes for Private Fixed Investment by Type

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
Private fixed investment	131.56	141.52	142.66	142.83	143.51	139.89	136.84
Nonresidential	136.60	150.17	152.44	152.81	152.75	146.86	142.30
Structures	114.17	121.25	123.64	125.94	129.64	125.47	121.49
Nonresidential buildings, including farm.....	114.76	120.55	122.19	123.16	124.94	118.53	109.16
Utilities.....	126.73	134.59	135.85	148.48	155.60	152.54	139.20
Mining exploration, shafts, and wells.....	95.07	111.34	120.06	117.75	134.07	144.17	144.82
Other structures.....	102.45	107.69	114.35	112.50	101.72	95.79	272.52
Equipment and software	145.06	161.23	163.44	162.99	161.27	154.68	149.91
Information processing equipment and software.....	176.20	212.17	216.18	223.42	216.16	204.73	197.17
Computers and peripheral equipment ¹	294.45	409.69	430.77	448.15	443.73	405.45	379.53
Software ²	175.84	197.16	199.39	206.04	202.73	200.84	196.15
Other.....	129.60	153.83	154.76	159.28	149.07	136.77	131.52
Industrial equipment.....	107.31	119.13	120.98	121.40	125.14	118.15	110.24
Transportation equipment.....	142.24	138.72	139.09	126.85	127.72	125.54	124.20
Other.....	123.56	129.44	130.67	129.11	128.15	126.17	126.55
Residential	117.56	118.55	116.95	116.62	119.03	120.76	121.32
Structures	117.57	118.40	116.76	116.42	118.87	120.62	121.22
Single family.....	118.74	119.97	117.04	116.26	120.12	121.15	121.49
Multifamily.....	114.98	111.49	105.81	109.28	114.43	119.31	119.21
Other structures.....	116.53	117.61	118.36	117.90	118.06	120.17	121.24
Equipment	117.47	125.30	125.38	126.02	126.25	127.13	125.80
Chain-type price indexes							
Private fixed investment	98.92	100.11	100.34	100.55	100.46	100.60	100.59
Nonresidential	95.61	95.74	95.90	95.91	95.44	95.41	95.30
Structures	110.38	114.95	115.49	116.83	118.61	119.99	120.67
Nonresidential buildings, including farm.....	111.52	116.47	116.98	118.14	119.52	120.29	120.67
Utilities.....	103.41	106.54	106.89	107.44	107.87	108.18	108.93
Mining exploration, shafts, and wells.....	112.96	117.48	118.99	123.12	130.70	138.34	140.69
Other structures.....	106.41	109.68	109.51	111.55	112.90	113.67	114.28
Equipment and software	91.09	90.08	90.15	89.82	88.76	88.35	88.03
Information processing equipment and software.....	78.97	76.55	76.49	75.79	74.13	73.28	72.25
Computers and peripheral equipment ¹	43.51	37.65	37.01	35.78	32.62	31.11	29.22
Software ²	95.54	97.62	98.48	98.64	98.79	98.92	98.84
Other.....	94.88	93.35	93.26	92.81	92.42	91.94	91.60
Industrial equipment.....	101.97	102.56	102.67	102.70	102.97	103.20	103.20
Transportation equipment.....	100.79	101.66	102.06	102.20	100.85	100.76	102.09
Other.....	103.44	103.86	103.99	104.25	104.86	105.23	105.51
Residential	109.57	114.46	114.89	115.88	117.19	117.95	118.25
Structures	109.86	114.87	115.31	116.33	117.66	118.45	118.75
Single family.....	110.41	115.60	115.96	116.96	118.50	119.10	119.20
Multifamily.....	117.40	123.90	124.46	125.62	127.29	127.94	128.04
Other structures.....	107.92	112.48	113.06	114.07	115.08	116.13	116.73
Equipment	98.08	98.10	98.19	98.10	98.73	98.25	98.51

Table 7.9.—Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services and for Receipts and Payments of Income

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
Exports of goods and services	118.38	129.63	132.62	131.27	130.88	126.78	121.15
Goods ¹	121.49	135.20	139.85	137.37	136.55	130.21	123.82
Durable.....	127.67	144.40	149.26	146.33	145.05	136.57	128.70
Nondurable.....	108.18	115.40	119.56	118.03	118.21	116.42	113.26
Services ¹	111.14	117.01	116.42	117.47	117.99	118.70	114.68
Income receipts	122.71	146.67	147.25	152.41	142.66	130.15	.....
Imports of goods and services	140.35	159.09	163.07	162.86	160.79	157.30	150.97
Goods ¹	143.40	162.75	166.76	166.50	163.65	159.60	154.32
Durable.....	150.50	173.51	177.49	177.72	172.44	163.20	157.83
Nondurable.....	129.77	142.65	146.65	145.67	146.63	150.93	145.88
Services ¹	125.50	141.32	145.13	145.14	146.90	146.14	134.17
Income payments	133.92	161.33	164.26	160.79	156.13	143.16	.....
Chain-type price indexes							
Exports of goods and services	95.65	97.33	97.58	97.70	97.67	97.42	97.08
Goods ¹	92.94	93.97	94.06	94.15	94.06	93.69	93.19
Durable.....	93.64	93.66	93.81	93.71	93.78	93.70	93.48
Nondurable.....	91.25	94.85	94.81	95.40	94.89	93.78	92.57
Services ¹	102.55	106.02	106.71	106.95	107.08	107.13	107.25
Income receipts	104.14	106.66	106.92	107.43	108.17	108.54	.....
Imports of goods and services	91.78	95.73	96.27	96.37	95.65	94.19	89.78
Goods ¹	90.32	94.63	95.19	95.40	94.40	92.85	91.03
Durable.....	89.15	88.79	88.81	88.29	88.20	87.59	86.85
Nondurable.....	92.85	107.90	109.74	111.66	108.55	104.95	100.83
Services ¹	99.74	101.45	101.83	101.34	102.24	101.31	81.84
Income payments	105.22	107.98	108.31	108.79	109.63	110.11	.....

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

1. Includes new computers and peripheral equipment only.

2. Excludes software "embedded," or bundled, in computers and other equipment.

Table 7.10.—Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services by Type of Product

[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted					1999	2000	Seasonally adjusted					
			2000		2001					2000		2001			
			III	IV	I	II	III			III	IV	I	II	III	
	Chain-type quantity indexes						Chain-type price indexes								
Exports of goods and services	118.38	129.63	132.62	131.27	130.88	126.78	121.15	Exports of goods and services	95.65	97.33	97.58	97.70	97.67	97.42	97.08
Exports of goods ¹	121.49	135.20	139.85	137.37	136.55	130.21	123.82	Exports of goods ¹	92.94	93.97	94.06	94.15	94.06	93.69	93.19
Foods, feeds, and beverages	101.95	108.01	113.51	107.74	111.80	110.09	106.39	Foods, feeds, and beverages	80.42	79.11	77.55	79.21	79.32	78.63	80.31
Industrial supplies and materials	108.34	119.22	122.39	122.04	119.60	115.35	114.32	Industrial supplies and materials	92.81	98.67	99.31	99.28	98.41	97.00	94.73
Durable goods	114.18	131.61	132.72	133.77	129.11	121.66	117.04	Durable goods	92.57	94.23	94.50	94.01	93.29	92.78	92.68
Nondurable goods	105.03	112.34	116.59	115.51	114.23	111.67	112.56	Nondurable goods	92.96	101.49	102.38	102.65	101.69	99.70	96.12
Capital goods, except automotive	135.08	155.94	163.32	159.65	159.98	145.05	134.30	Capital goods, except automotive	90.98	90.41	90.55	90.50	90.67	90.61	90.25
Civilian aircraft, engines, and parts	160.53	140.13	142.21	135.55	157.18	152.62	146.04	Civilian aircraft, engines, and parts	107.06	111.45	112.12	113.61	115.82	117.32	118.19
Computers, peripherals, and parts	156.33	195.85	207.35	203.12	200.09	175.28	164.01	Computers, peripherals, and parts	68.36	64.87	64.61	64.43	63.99	63.37	62.28
Other	126.06	151.92	159.69	156.75	153.14	137.69	126.17	Other	93.92	93.32	93.49	93.24	93.27	93.11	92.74
Automotive vehicles, engines, and parts	113.73	120.43	120.94	115.90	107.63	114.11	114.00	Automotive vehicles, engines, and parts	101.54	102.39	102.55	102.50	102.56	102.83	102.86
Consumer goods, except automotive	116.54	128.20	130.73	128.64	133.52	133.24	122.31	Consumer goods, except automotive	100.41	100.83	100.91	100.67	100.54	100.26	100.34
Durable goods	119.21	132.46	134.85	131.48	139.29	139.28	129.64	Durable goods	100.06	100.79	100.94	100.61	100.90	100.64	100.93
Nondurable goods	113.76	123.78	126.44	125.68	127.51	126.95	114.65	Nondurable goods	100.78	100.88	100.88	100.73	100.13	99.83	99.67
Other	133.15	137.24	140.67	146.30	140.68	140.41	135.88	Other	95.58	96.80	96.62	97.14	97.20	97.33	97.01
Exports of services ¹	111.14	117.01	116.42	117.47	117.99	118.70	114.68	Exports of services ¹	102.55	106.02	106.71	106.95	107.08	107.13	107.25
Transfers under U.S. military agency								Transfers under U.S. military agency							
sales contracts	102.26	88.71	81.51	88.16	86.16	92.26	93.22	sales contracts	100.07	99.10	98.95	99.10	98.38	98.35	98.36
Travel	100.98	105.78	103.76	104.06	103.71	102.73	94.44	Travel	106.10	111.20	111.78	112.38	112.30	112.96	111.29
Passenger fares	94.58	96.71	96.40	96.91	90.25	93.33	81.12	Passenger fares	102.48	105.09	105.97	104.68	107.11	104.44	107.23
Other transportation	105.83	107.71	106.26	105.07	104.91	103.01	99.59	Other transportation	97.55	107.49	109.57	111.04	107.53	105.66	105.19
Royalties and license fees	107.59	109.67	109.74	110.20	112.39	115.27	114.08	Royalties and license fees	104.25	106.80	107.08	107.59	108.33	108.70	109.34
Other private services	138.37	150.21	150.67	152.67	156.69	158.32	157.88	Other private services	97.96	98.90	99.38	99.32	99.63	99.74	100.27
Other	87.42	103.37	107.87	109.06	108.29	106.38	105.04	Other	117.38	124.82	126.12	126.20	128.25	130.15	131.40
Imports of goods and services	140.35	159.09	163.07	162.86	160.79	157.30	150.97	Imports of goods and services	91.78	95.73	96.27	96.37	95.65	94.19	89.78
Imports of goods ¹	143.40	162.75	166.76	166.50	163.65	159.60	154.32	Imports of goods ¹	90.32	94.63	95.19	95.40	94.40	92.85	91.03
Foods, feeds, and beverages	129.17	138.40	141.65	141.20	139.26	141.59	145.59	Foods, feeds, and beverages	94.48	93.03	92.61	91.84	92.18	90.40	89.29
Industrial supplies and materials, except								Industrial supplies and materials, except							
petroleum and products	125.60	134.14	135.33	133.59	131.85	133.01	131.34	petroleum and products	94.46	103.39	104.71	107.75	110.52	104.60	96.67
Durable goods	128.54	136.99	136.77	136.20	134.56	126.51	125.96	Durable goods	97.21	102.42	102.81	101.08	101.53	101.01	98.42
Nondurable goods	122.49	131.10	133.71	130.89	129.07	138.41	135.63	Nondurable goods	91.63	104.53	106.85	114.90	120.13	108.91	95.90
Petroleum and products	111.96	118.25	120.56	118.16	125.46	126.80	117.01	Petroleum and products	83.21	139.73	145.88	147.85	128.45	123.87	118.38
Capital goods, except automotive	164.75	198.04	205.08	206.13	200.20	175.56	163.09	Capital goods, except automotive	78.58	76.75	76.66	75.99	75.68	74.87	74.10
Civilian aircraft, engines, and parts	174.65	188.26	189.53	215.44	216.73	214.18	207.17	Civilian aircraft, engines, and parts	107.43	110.57	111.23	112.30	113.19	114.62	115.53
Computers, peripherals, and parts	211.97	248.09	259.08	254.28	246.95	226.63	212.72	Computers, peripherals, and parts	62.47	58.82	58.67	57.23	56.36	54.39	52.29
Other	147.45	181.53	187.98	187.89	181.64	153.79	141.34	Other	83.76	82.52	82.40	82.02	81.89	81.51	81.34
Automotive vehicles, engines, and parts	137.42	149.31	151.02	146.93	142.27	146.00	147.30	Automotive vehicles, engines, and parts	101.03	101.73	101.87	101.88	101.91	101.61	101.48
Consumer goods, except automotive	145.19	170.55	173.57	177.94	177.47	174.75	168.52	Consumer goods, except automotive	96.80	95.94	95.87	95.60	95.56	95.26	95.16
Durable goods	149.24	178.41	179.97	186.19	182.78	177.26	171.18	Durable goods	94.11	93.03	92.95	92.68	92.62	92.10	91.78
Nondurable goods	140.95	162.34	166.88	169.35	171.92	172.08	165.70	Nondurable goods	99.78	99.19	99.12	98.86	98.85	98.81	98.95
Other	156.74	177.41	190.99	189.91	170.17	186.76	186.55	Other	99.20	100.19	100.45	100.69	101.47	100.99	99.77
Imports of services ¹	125.50	141.32	145.13	145.14	146.90	146.14	134.17	Imports of services ¹	99.74	101.45	101.83	101.34	102.24	101.31	81.84
Direct defense expenditures	132.25	139.52	146.23	141.47	146.01	145.50	145.97	Direct defense expenditures	91.43	88.10	87.75	86.45	88.12	85.65	88.13
Travel	125.04	138.92	138.79	140.51	139.13	142.31	119.10	Travel	97.98	96.69	96.42	94.44	96.79	95.07	95.95
Passenger fares	122.54	131.14	133.39	126.49	122.05	130.71	111.72	Passenger fares	109.96	116.65	118.00	120.32	124.15	124.69	133.19
Other transportation	115.91	127.52	130.23	130.42	129.82	122.34	117.60	Other transportation	107.48	117.49	118.33	119.99	118.40	117.40	115.54
Royalties and license fees	154.35	192.37	216.18	201.77	213.40	207.78	202.97	Royalties and license fees	104.26	106.82	107.06	107.57	108.31	108.68	109.33
Other private services	129.20	154.36	160.21	165.90	174.42	170.03	167.93	Other private services	93.99	93.29	94.00	92.90	92.62	92.12	22.82
Other	107.59	110.81	111.36	113.02	113.49	115.25	116.68	Other	102.42	105.15	105.44	105.04	106.01	105.33	104.83
Addenda:								Addenda:							
Exports of agricultural goods ²	102.79	111.41	117.22	111.68	113.75	113.69	112.26	Exports of agricultural goods ²	78.57	77.09	75.61	77.44	77.79	77.03	78.97
Exports of nonagricultural goods	123.45	137.66	142.21	140.00	138.92	132.00	125.15	Exports of nonagricultural goods	94.34	95.59	95.83	95.76	95.63	95.30	94.55
Imports of nonpetroleum goods	146.12	166.89	171.12	171.23	166.90	162.17	157.55	Imports of nonpetroleum goods	91.09	91.62	91.77	91.86	92.17	90.84	89.29

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

2. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Table 7.11.—Chain-Type Quantity and Price Indexes for Government Consumption Expenditures and Gross Investment by Type
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted					1999	2000	Seasonally adjusted				
			2000		2001					2000		2001		
			III	IV	I	II	III			III	IV	I	II	III
	Chain-type quantity indexes							Chain-type price indexes						
Government consumption expenditures and gross investment¹	107.72	110.60	110.41	111.31	112.76	114.14	114.64	106.58	110.71	111.10	111.63	112.58	113.09	113.09
Federal	100.97	102.68	101.92	103.07	103.88	104.35	105.53	105.09	108.12	108.35	108.46	109.62	109.96	110.00
National defense	97.64	97.76	96.68	99.11	100.93	101.50	102.75	104.60	107.56	107.82	108.09	109.04	109.32	109.35
Consumption expenditures	97.46	97.41	96.90	97.90	100.67	100.72	102.21	105.82	109.29	109.58	109.89	111.14	111.46	111.51
Durable goods ²	106.98	107.86	105.56	110.11	109.00	114.40	120.68	98.72	99.55	99.62	99.73	99.87	99.92	99.77
Nondurable goods	115.72	121.74	117.07	109.41	112.32	130.41	134.75	91.31	110.89	112.31	118.85	110.18	107.91	106.59
Services	96.31	96.04	95.76	96.77	99.80	99.00	100.09	106.81	109.94	110.21	110.32	111.99	112.42	112.54
Compensation of general government employees, except own-account investment ³	90.87	90.40	90.79	90.57	89.80	89.88	90.78	109.96	114.63	114.83	114.58	118.03	118.56	118.82
Consumption of general government fixed capital ⁴	99.20	99.36	99.38	99.46	99.58	99.71	99.98	100.40	101.87	102.06	102.10	101.71	102.00	101.43
Other services	103.46	103.24	101.53	105.47	117.51	114.40	116.45	106.86	108.98	109.41	110.11	110.79	111.17	111.60
Gross investment	98.99	100.15	95.53	106.83	102.70	106.58	106.29	97.55	97.77	97.85	97.90	97.27	97.33	97.25
Structures	72.12	69.35	72.72	68.01	67.05	67.27	61.08	110.22	114.85	115.33	116.53	117.80	118.63	118.92
Equipment and software	103.04	104.84	98.90	112.86	108.21	112.69	113.44	96.03	95.83	95.87	95.82	95.03	95.02	94.91
Nondefense	107.75	112.67	112.55	111.10	109.88	110.14	111.19	106.04	109.20	109.38	109.19	110.74	111.20	111.26
Consumption expenditures	102.29	107.89	108.23	106.20	104.60	104.95	105.70	107.94	111.43	111.56	111.22	113.21	113.76	113.90
Durable goods ²														
Nondurable goods														
Commodity Credit Corporation inventory change														
Other nondurables	89.81	87.51	100.62	50.58	94.37	90.83	89.68	102.10	107.26	110.02	103.08	109.52	110.57	108.83
Services	102.63	107.56	107.57	107.04	104.16	104.89	105.78	108.41	112.10	112.18	112.00	113.96	114.49	114.73
Compensation of general government employees, except own-account investment ³	101.05	104.13	103.47	102.33	103.14	103.33	104.04	112.64	117.55	117.58	116.79	119.83	120.60	120.89
Consumption of general government fixed capital ⁴	132.78	146.69	148.37	151.51	154.26	157.30	160.51	98.58	100.74	101.00	101.48	101.57	101.77	101.60
Other services	93.03	97.97	98.63	97.85	85.27	86.15	86.46	105.31	107.56	107.62	108.17	109.23	109.51	109.93
Gross investment	134.02	135.48	133.10	134.61	135.29	135.07	137.63	98.21	100.19	100.49	100.85	100.84	100.98	100.77
Structures	95.13	85.48	81.38	86.43	88.72	81.53	77.41	108.98	113.33	113.82	114.65	115.91	116.58	116.78
Equipment and software	156.54	165.07	163.85	163.02	162.64	167.03	173.97	93.77	95.01	95.25	95.47	95.09	95.08	94.77
State and local	111.71	115.26	115.41	116.17	117.99	119.88	120.00	107.42	112.14	112.62	113.37	114.22	114.82	114.79
Consumption expenditures	109.36	113.05	113.50	114.31	115.50	116.57	117.77	108.04	113.11	113.60	114.39	115.21	115.88	115.83
Durable goods ²	121.72	129.87	130.90	132.91	135.08	137.28	139.50	98.95	99.66	99.80	99.94	100.05	100.42	100.41
Nondurable goods	117.54	125.11	125.98	127.63	129.53	131.47	133.44	97.76	110.94	112.08	113.54	112.48	113.13	109.65
Services	108.17	111.33	111.71	112.40	113.48	114.43	115.52	109.55	113.59	113.99	114.71	115.81	116.49	116.94
Compensation of general government employees, except own-account investment ³	104.39	106.39	106.66	107.06	107.81	108.43	109.15	110.54	114.71	115.14	115.74	116.49	117.50	118.63
Consumption of general government fixed capital ⁴	117.56	124.33	125.17	126.86	128.52	130.19	131.88	102.97	105.80	106.30	106.77	107.47	107.80	107.65
Other services	169.34	189.85	191.59	196.57	203.71	210.08	218.33	108.93	113.53	113.40	116.15	122.42	119.50	112.97
Gross investment	122.30	125.15	123.95	124.45	129.16	134.86	129.95	104.88	108.16	108.62	109.19	110.15	110.49	110.53
Structures	116.59	117.13	115.13	115.16	121.13	128.49	122.96	110.12	114.99	115.58	116.57	118.31	118.93	119.08
Equipment and software	141.25	152.57	154.36	156.63	156.33	155.24	152.98	90.56	90.04	90.18	89.84	89.01	88.68	88.47
Addenda:														
Compensation of general government employees ³	101.85	103.55	103.73	103.89	104.30	104.81	105.51	110.65	114.98	115.33	115.66	117.05	117.97	118.88
Federal	94.71	95.58	95.61	95.08	94.89	95.06	95.85	110.99	115.75	115.88	115.41	118.69	119.33	119.59
State and local	104.59	106.61	106.86	107.28	107.93	108.57	109.24	110.54	114.71	115.14	115.74	116.49	117.50	118.63

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.

3. Compensation of government employees engaged in new own-account investment and

related expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addenda.

4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

Table 7.14.—Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Chain-type quantity indexes							
Gross domestic product	113.35	118.06	118.52	119.08	119.47	119.56	119.46
Business ¹	115.01	120.18	120.69	121.26	121.59	121.53	121.23
Nonfarm ²	115.00	120.08	120.56	121.12	121.49	121.50	121.18
Nonfarm less housing	115.87	121.17	121.70	122.25	122.68	122.53	122.27
Housing	107.20	110.34	110.48	111.10	110.92	112.27	111.54
Farm	114.98	130.73	133.38	136.12	132.24	124.31	125.44
Households and institutions	108.75	111.50	111.79	112.75	113.84	115.36	116.28
Private households	97.57	99.69	100.45	104.64	105.44	107.65	109.04
Nonprofit institutions	109.16	111.93	112.20	113.04	114.15	115.64	116.54
General government ³	103.39	105.57	105.82	106.13	106.66	107.27	108.06
Federal	97.89	99.35	99.47	99.26	99.29	99.61	100.44
State and local	105.98	108.49	108.80	109.35	110.11	110.85	111.62
Chain-type price indexes							
Gross domestic product	104.66	107.04	107.31	107.78	108.65	109.22	109.80
Business ¹	104.00	106.07	106.31	106.77	107.56	108.06	108.58
Nonfarm ²	104.49	106.66	106.91	107.36	108.11	108.57	109.03
Nonfarm less housing	104.02	106.07	106.31	106.71	107.42	107.80	108.18
Housing	109.00	112.36	112.71	113.69	114.83	116.05	117.34
Farm	70.07	65.55	64.80	66.21	69.60	73.02	77.40
Households and institutions	106.40	111.14	111.83	112.90	114.50	115.80	117.32
Private households	108.50	113.36	114.07	114.94	116.95	116.84	117.83
Nonprofit institutions	106.33	111.07	111.75	112.83	114.41	115.76	117.30
General government ³	109.07	113.03	113.38	113.71	114.88	115.69	116.38
Federal	107.80	111.62	111.78	111.51	113.70	114.22	114.26
State and local	109.66	113.66	114.10	114.69	115.43	116.36	117.32

1. Equals gross domestic product less gross product of households and institutions and of general government.

2. Equals gross domestic business product less gross farm product.

3. Equals compensation of general government employees plus general government consumption of fixed capital.

Table 7.15.—Price, Costs, and Profit Per Unit of Real Gross Product of Nonfinancial Corporate Business
[Dollars]

Price per unit of real gross product of nonfinancial corporate business ¹	1.019	1.031	1.032	1.034	1.038	1.044	.....
Compensation of employees (unit labor cost)	.666	.677	.676	.689	.698	.703	.....
Unit nonlabor cost	.245	.248	.248	.249	.253	.257	.....
Consumption of fixed capital	.114	.116	.117	.118	.120	.124	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	.098	.099	.098	.100	.101	.101	.....
Net interest	.033	.033	.033	.031	.032	.032	.....
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)	.108	.105	.108	.095	.088	.085	.....
Profits tax liability	.035	.036	.036	.032	.029	.029	.....
Profits after tax with inventory valuation and capital consumption adjustments	.073	.070	.071	.063	.059	.056	.....

1. The implicit price deflator for gross product of nonfinancial corporate business divided by 100.
NOTE.— Effective with the estimates scheduled for release on November 30, 2001, all estimates in this table will be revised to reflect revisions to the industry-based price indexes for gross product of nonfinancial corporate business beginning with 1998.

Table 7.16B.—Implicit Price Deflators for Private Inventories by Industry
[Index numbers, 1996=100]

	Seasonally adjusted				
	2000		2001		
	III	IV	I	II	III
Private inventories ¹	99.46	100.14	99.20	98.38	97.85
Farm	93.02	98.72	103.19	101.40	99.32
Construction, mining, and utilities	109.67	119.10	127.36	113.32	101.10
Manufacturing	99.77	99.73	95.69	94.31	94.24
Durable goods industries	97.56	97.30	95.38	94.42	93.88
Nondurable goods industries	103.56	103.91	96.18	94.08	94.83
Wholesale trade	97.11	96.94	96.46	96.36	96.20
Durable goods industries	93.73	93.21	92.45	92.19	91.93
Nondurable goods industries	103.07	103.53	103.56	103.73	103.74
Retail trade	102.11	102.43	102.33	102.65	102.85
Motor vehicle dealers	100.23	100.95	100.47	100.28	100.80
Food and beverage stores	106.22	106.83	108.56	109.34	109.95
General merchandise stores	102.17	102.29	102.71	102.84	103.07
Other retail stores	102.80	102.86	102.52	103.19	103.09
Other industries	100.64	100.98	101.24	101.67	100.75
Addenda:					
Private inventories	99.46	100.14	99.20	98.38	97.85
Durable goods industries	97.07	96.91	95.70	95.29	95.05
Nondurable goods industries	102.02	103.54	102.88	101.64	100.83
Nonfarm industries	100.02	100.32	98.97	98.23	97.81
Wholesale trade	97.11	96.94	96.46	96.36	96.20
Merchant wholesale trade	96.25	96.22	95.80	95.64	95.53
Durable goods industries	93.63	93.09	92.31	92.03	91.75
Nondurable goods industries	100.94	101.81	102.03	102.07	102.25
Nonmerchant wholesale trade	102.28	101.34	100.51	100.78	100.31

1. Implicit price deflators are as of the end of the quarter and are consistent with the inventory stocks shown in tables 5.12B and 5.13B.

NOTE.— Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 7.17.—Chain-Type Quantity Indexes for Gross Domestic Product by Major Type of Product
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Gross domestic product..	113.35	118.06	118.52	119.08	119.47	119.56	119.46
Final sales of domestic product	112.96	117.78	118.22	118.93	120.10	120.32	120.33
Change in private inventories							
Goods	119.14	126.03	127.16	126.40	125.58	124.43	123.59
Final sales	118.16	125.39	126.47	126.13	127.56	126.76	126.24
Change in private inventories							
Durable goods	130.48	141.24	142.62	141.61	138.69	136.86	134.07
Final sales	129.35	140.30	141.83	140.94	143.20	142.27	139.91
Change in private inventories							
Nondurable goods	109.94	113.87	114.81	114.23	114.96	114.31	114.87
Final sales	109.13	113.55	114.29	114.36	115.17	114.48	115.26
Change in private inventories							
Services	109.11	112.75	112.92	114.29	114.92	115.69	116.38
Structures	115.41	118.08	117.74	118.39	121.87	122.49	120.27
Addenda:							
Motor vehicle output	129.26	128.39	127.77	120.86	115.40	121.94	123.45
Gross domestic product less motor vehicle output	112.80	117.69	118.19	119.00	119.59	119.47	119.31

Table 7.18B.—Chain-Type Quantity Indexes for Motor Vehicle Output
[Index numbers, 1996=100]

	1999	2000	Seasonally adjusted				
			2000		2001		
			III	IV	I	II	III
Motor vehicle output...	129.26	128.39	127.77	120.86	115.40	121.94	123.45
Auto output	101.86	96.38	98.04	88.64	86.02	92.82	94.03
Truck output ¹	152.01	154.88	152.38	147.43	139.65	145.98	147.75
Final sales of domestic product	123.90	124.50	124.34	116.56	122.45	123.26	120.51
Personal consumption expenditures	129.88	138.22	139.38	136.30	142.79	143.87	142.49
New motor vehicles	134.41	145.58	145.96	143.35	151.05	151.92	151.61
Autos	121.54	130.17	127.89	126.45	131.41	127.73	123.28
Light trucks	149.62	163.75	167.24	163.25	174.17	180.33	184.86
Net purchases of used autos	116.04	115.93	119.34	114.94	117.89	119.59	115.16
Private fixed investment ...	133.59	129.88	129.56	115.73	117.35	116.27	111.94
New motor vehicles	128.38	125.47	125.63	113.87	116.29	115.51	110.04
Autos	106.22	104.10	103.81	99.03	103.03	102.51	96.20
Trucks	149.59	145.93	146.50	128.21	129.19	128.15	123.43
Light trucks	157.69	162.17	165.24	146.12	152.40	151.76	147.08
Other	134.06	115.53	111.53	94.82	86.18	84.46	79.72
Net purchases of used autos	109.21	109.21	111.17	106.89	112.15	112.38	102.92
Gross government investment	116.98	119.06	113.85	123.23	123.05	123.06	119.31
Autos	98.37	95.59	103.90	97.03	80.36	100.70	111.68
New trucks	127.35	132.21	119.27	137.89	147.13	135.51	123.49
Net exports	94.17	95.72	94.81	89.64	81.40	93.91	99.83
Exports	94.99	95.38	94.34	88.95	85.72	101.05	111.59
Autos	92.88	96.54	95.87	91.07	73.82	81.28	78.89
Trucks	142.51	156.20	158.07	156.01	151.58	154.11	155.17
Imports	142.71	161.70	164.47	165.77	161.00	157.91	156.86
Autos	141.44	130.02	127.60	109.80	106.93	135.81	146.73
Trucks							
Change in private inventories							
Autos							
New							
Domestic							
Foreign							
Used							
New trucks							
Domestic							
Foreign							
Addenda:							
Final sales of motor vehicles to domestic purchasers ...	130.81	134.54	134.95	128.36	132.86	133.13	130.61
Private fixed investment in new autos and new light trucks	127.12	127.69	128.78	118.13	123.05	122.49	116.85
Domestic output of new autos ²	100.62	101.35	104.51	95.25	93.79	96.66	96.79
Sales of imported new autos ³	144.48	154.48	153.04	154.26	148.78	154.69	149.49

1. Except for exports and imports, consists of new trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

8. Supplemental Tables

Table 8.1.—Percent Change From Preceding Period in Selected Series
[Percent]

	1999	2000	Seasonally adjusted at annual rates					1999	2000	Seasonally adjusted at annual rates							
			2000		2001					2000		2001					
			III	IV	I	II	III			III	IV	I	II	III			
Gross domestic product:													Imports of services:				
Current dollars	5.5	6.5	3.3	3.7	4.6	2.4	1.8	3.8	14.5	20.4	-1.9	8.7	-5.6	-69.7			
Chain-type quantity index.....	4.1	4.1	1.3	1.9	1.3	.3	-.4	1.1	12.6	17.1	.0	4.9	-2.0	-29.0			
Chain-type price index.....	1.4	2.3	1.9	1.8	3.3	2.1	2.1	2.7	1.7	2.8	-1.9	3.6	-3.6	-57.4			
Implicit price deflator.....	1.4	2.3	1.9	1.8	3.3	2.1	2.1	2.7	1.7	2.8	-1.9	3.6	-3.6	-57.4			
Personal consumption expenditures:													Government consumption expenditures and gross investment:				
Current dollars	6.7	7.7	6.8	5.2	6.3	3.9	.8	6.1	6.6	.7	5.3	9.0	6.9	1.8			
Chain-type quantity index.....	5.0	4.8	4.3	3.1	3.0	2.5	1.2	3.3	2.7	-1.8	3.3	5.3	5.0	1.8			
Chain-type price index.....	1.6	2.7	2.4	2.0	3.2	1.3	-.4	2.8	3.9	2.6	1.9	3.5	1.8	.0			
Implicit price deflator.....	1.6	2.7	2.4	2.0	3.2	1.3	-.4	2.8	3.9	2.6	1.9	3.5	1.8	.0			
Durable goods:													Federal:				
Current dollars	9.8	7.7	5.8	-3.2	9.8	3.2	-1.2	4.6	4.6	-9.0	5.0	7.7	3.1	4.8			
Chain-type quantity index.....	12.5	9.5	8.2	-2.1	10.6	7.0	1.7	2.2	1.7	-10.4	4.6	3.2	1.8	4.6			
Chain-type price index.....	-2.5	-1.6	-2.2	-1.2	-.7	-3.5	-2.8	2.4	2.9	1.7	.4	4.4	1.2	.2			
Implicit price deflator.....	-2.5	-1.6	-2.2	-1.2	-.7	-3.5	-2.8	2.4	2.9	1.6	.4	4.4	1.2	.2			
Nondurable goods:													National defense:				
Current dollars	7.2	8.6	7.1	2.6	4.4	3.0	-.9	4.4	3.0	-8.5	11.6	11.4	3.3	5.2			
Chain-type quantity index.....	4.7	4.7	4.2	.6	2.4	.3	.6	2.1	.1	-10.4	10.5	7.5	2.3	5.0			
Chain-type price index.....	2.3	3.7	2.7	2.0	1.9	2.7	-1.4	2.3	2.8	2.2	1.0	3.6	1.0	.1			
Implicit price deflator.....	2.3	3.7	2.7	2.0	1.9	2.7	-1.5	2.3	2.8	2.2	1.0	3.6	1.0	.1			
Services:													Nondefense:				
Current dollars	5.9	7.1	6.9	8.3	6.6	4.5	2.1	4.9	7.7	-9.9	-5.7	1.2	2.6	4.1			
Chain-type quantity index.....	3.7	4.0	3.5	5.6	1.8	2.8	1.4	2.3	4.6	-10.4	-5.1	-4.3	.9	3.9			
Chain-type price index.....	2.2	3.1	3.2	2.6	4.7	1.7	.6	2.5	3.0	.6	-.7	5.8	1.7	.2			
Implicit price deflator.....	2.2	3.1	3.2	2.6	4.7	1.7	.6	2.5	3.0	.6	-.7	5.8	1.7	.2			
Gross private domestic investment:													State and local:				
Current dollars	6.4	8.0	-.9	-1.8	-12.3	-11.7	-10.9	6.9	7.7	6.1	5.4	9.6	8.8	.3			
Chain-type quantity index.....	6.6	6.8	-2.8	-2.3	-12.3	-12.1	-10.7	3.9	3.2	3.0	2.7	6.4	6.6	.4			
Chain-type price index.....	-.2	1.1	1.8	.7	.0	.4	-.2	2.9	4.4	3.1	2.7	3.0	2.1	-.1			
Implicit price deflator.....	-.2	1.1	2.0	.5	.0	.5	-.2	2.9	4.4	3.1	2.7	3.0	2.1	-.1			
Fixed investment:													Addenda:				
Current dollars	7.7	8.9	4.5	1.3	1.5	-9.2	-8.5	5.8	6.7	4.3	4.3	7.3	2.9	2.2			
Chain-type quantity index.....	7.8	7.6	2.5	.5	1.9	-9.7	-8.4	4.3	4.3	2.3	2.4	4.0	.7	.0			
Chain-type price index.....	-.1	1.2	1.9	.8	-.4	.6	-.1	1.4	2.3	1.9	1.8	3.2	2.1	2.2			
Implicit price deflator.....	-.1	1.2	1.9	.8	-.4	.6	.0	1.4	2.3	1.9	1.8	3.2	2.1	2.2			
Nonresidential:													Final sales of domestic product:				
Current dollars	6.7	10.1	8.5	1.0	-2.1	-14.7	-12.3	5.8	6.7	4.3	4.3	7.3	2.9	2.2			
Chain-type quantity index.....	8.2	9.9	7.1	1.0	-.2	-14.6	-11.9	4.3	4.3	2.3	2.4	4.0	.7	.0			
Chain-type price index.....	-1.4	.1	1.3	.0	-1.9	-.1	-.4	1.4	2.3	1.9	1.8	3.2	2.1	2.2			
Implicit price deflator.....	-1.4	.1	1.3	.0	-1.9	-.1	-.4	1.4	2.3	1.9	1.8	3.2	2.1	2.2			
Structures:													Gross domestic purchases:				
Current dollars	4	10.6	20.6	12.7	19.3	-8.1	-10.1	6.6	7.5	4.4	4.0	3.4	1.7	-.9			
Chain-type quantity index.....	-2.0	6.2	15.2	7.6	12.3	-12.2	-12.1	5.0	4.8	2.0	2.2	.7	.4	-.7			
Chain-type price index.....	2.5	4.1	4.7	4.7	6.2	4.7	2.3	1.5	2.6	2.3	1.8	2.6	1.3	-.3			
Implicit price deflator.....	2.5	4.1	4.7	4.7	6.2	4.7	2.3	1.5	2.6	2.3	1.8	2.7	1.3	-.3			
Equipment and software:													Final sales to domestic purchasers:				
Current dollars	8.8	9.9	4.9	-2.6	-8.6	-16.9	-13.0	6.8	7.7	5.3	4.5	6.0	2.1	-.6			
Chain-type quantity index.....	11.8	11.1	4.7	-1.1	-4.1	-15.4	-11.8	5.2	4.9	2.9	2.7	3.2	.8	-.3			
Chain-type price index.....	-2.6	-1.1	.2	-1.5	-4.6	-1.9	-1.4	1.5	2.6	2.3	1.8	2.6	1.3	-.3			
Implicit price deflator.....	-2.6	-1.1	.2	-1.5	-4.6	-1.9	-1.4	1.5	2.6	2.3	1.8	2.7	1.3	-.3			
Residential:													Gross national product:				
Current dollars	10.7	5.3	-7.0	2.3	13.5	8.7	2.9	5.5	6.5	3.2	4.6	4.0	2.4	.....		
Chain-type quantity index.....	6.7	.8	-10.4	-1.1	8.5	5.9	1.9	4.0	4.1	1.3	2.8	.8	.3	.....		
Chain-type price index.....	3.8	4.5	3.7	3.5	4.6	2.6	1.0	1.4	2.3	1.9	1.8	3.2	2.1	.....		
Implicit price deflator.....	3.8	4.5	3.7	3.5	4.6	2.6	1.0	1.4	2.3	1.9	1.8	3.2	2.1	.....		
Exports of goods and services:													Command-basis gross national product:				
Current dollars	2.6	11.4	12.0	-3.5	-1.3	-12.8	-17.8	3.9	3.8	.9	2.8	1.1	.9	.....		
Chain-type quantity index.....	3.2	9.5	10.6	-4.0	-1.2	-11.9	-16.6	4.1	6.2	5.1	6.3	6.0	3.8	12.3			
Chain-type price index.....	-6	1.8	1.3	.5	-.1	-1.0	-1.4	2.5	3.5	2.6	4.2	2.7	2.4	12.8			
Implicit price deflator.....	-6	1.8	1.3	.5	-.1	-1.0	-1.4	2.5	3.5	2.6	4.2	2.7	2.4	12.8			
Exports of goods:													Final sales of computers:¹				
Current dollars	2.5	12.5	18.7	-6.6	-2.7	-18.6	-20.0	2.6	24.8	16.0	15.0	-30.2	-39.6	-31.9			
Chain-type quantity index.....	3.9	11.3	18.3	-6.9	-2.4	-17.3	-18.2	42.4	52.3	39.1	30.0	9.0	-26.5	-11.6			
Chain-type price index.....	-1.4	1.1	.3	.4	-.4	-1.5	-2.2	-27.9	-18.0	-16.5	-11.5	-36.0	-17.8	-23.0			
Implicit price deflator.....	-1.4	1.1	.3	.4	-.4	-1.5	-2.2	-27.9	-18.0	-16.6	-11.6	-35.9	-17.8	-23.0			
Exports of services:													Gross domestic product less final sales of computers:				
Current dollars	2.8	8.8	-3.2	4.6	2.3	2.6	-12.5	5.6	6.3	3.1	3.6	5.1	3.0	2.1			
Chain-type quantity index.....	1.6	5.3	-6.7	3.7	1.8	2.4	-12.9	3.8	3.7	1.0	1.6	1.2	.6	-.3			
Chain-type price index.....	1.2	3.4	3.7	.9	.5	.2	.4	1.8	2.5	2.1	1.9	3.8	2.3	2.4			
Implicit price deflator.....	1.2	3.4	3.7	.9	.5	.2	.4	1.8	2.5	2.1	1.9	3.8	2.3	2.4			
Imports of goods and services:													Gross domestic purchases less final sales of computers:				
Current dollars	11.1	18.2	18.0	.0	-7.8	-13.9	-30.0	6.5	7.4	4.3	4.0	3.9	2.3	-.5			
Chain-type quantity index.....	10.5	13.4	13.0	-.5	-5.0	-8.4	-15.2	4.5	4.4	1.6	2.0	.6	.7	-.5			
Chain-type price index.....	.6	4.3	4.4	.4	-3.0	-6.0	-17.4	1.9	2.9	2.6	2.0	3.3	1.6	.0			
Implicit price deflator.....	.6	4.3	4.5	.5	-3.0	-6.0	-17.5	1.9	2.9	2.6	2.0	3.3	1.6	.0			
Imports of goods:													Chain-type price indexes for gross domestic product:				
Current dollars	12.6	18.9	17.6	.3	-10.5	-15.3	-19.3	1.9	2.3	3.1	2.2	4.0	2.8	4.3			
Chain-type quantity index.....	12.4	13.5	12.3	-.6	-6.7	-9.5	-12.6	-1.4	4.9	-1.6	5.0	36.4	28.3	-15.0			
Chain-type price index.....	.2	4.8	4.7	.9	-4.1	-6.4	-7.6	1.4	2.2	1.9	1.6	2.2	1.2	2.6			
Implicit price deflator.....	.2	4.8	4.8	.9	-4.1	-6.4	-7.6	1.4	2.0	1.7	1.3	2.3	.9	.4			
Imports of services:													Chain-type price indexes for gross domestic purchases:				
Current dollars	11.1	18.2	18.0	.0	-7.8	-13.9	-30.0	2.0	2.3	3.6	1.6	4.1	2.6	3.7			
Chain-type quantity index.....	10.5	13.4	13.0	-.5	-5.0	-8.4	-15.2	4.2	18.9	13.8	11.3	9.3	6.1	-21.0			
Chain-type price index.....	.6	4.3	4.4	.4	-3.0	-6.0	-17.4	1.4	2.0	1.7	1.3	2.3	.9	.4			
Implicit price deflator.....	.6	4.3	4.5	.5	-3.0	-6.0	-17.5	1.4	2.0	1.7	1.3	2.3	.9	.4			

1. For some components of final sales of computers, includes computer parts.

NOTE.—Contributions to the percent change in real gross domestic product are shown in table 8.2.

Table 8.2.—Contributions to Percent Change in Real Gross Domestic Product

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Percent change at annual rate:							
Gross domestic product.....	4.1	4.1	1.3	1.9	1.3	.3	-4
Percentage points at annual rates:							
Personal consumption expenditures	3.35	3.28	2.88	2.14	2.05	1.72	.83
Durable goods.....	.97	.77	.65	-.17	.83	.56	.14
Motor vehicles and parts.....	.40	.22	.33	-.29	.52	.19	.00
Furniture and household equipment.....	.41	.38	.21	.08	.23	.29	.15
Other.....	.16	.17	.11	.04	.08	.08	-.02
Nondurable goods.....	.93	.94	.84	.12	.49	.06	.12
Food.....	.34	.38	.21	.01	.04	-.05	.06
Clothing and shoes.....	.24	.24	.25	.01	.10	.06	-.09
Gasoline, fuel oil, and other energy goods.....	.05	-.01	.06	-.03	.09	-.13	-.08
Other.....	.30	.33	.32	.14	.26	.18	.24
Services.....	1.45	1.57	1.38	2.19	.73	1.10	.58
Housing.....	.28	.22	.18	.21	.22	.16	.19
Household operation.....	.17	.21	.17	.57	-.04	-.22	.14
Electricity and gas.....	.01	.05	-.05	.37	-.19	-.24	.00
Other household operation.....	.15	.16	.22	.20	.15	.01	.13
Transportation.....	.11	.08	.05	.09	.03	-.01	-.08
Medical care.....	.24	.30	.23	.37	.29	.46	.36
Recreation.....	.13	.09	.01	.06	.17	.03	-.05
Other.....	.52	.67	.75	.89	.07	.68	.03
Gross private domestic investment	1.14	1.19	-.51	-.42	-2.28	-2.16	-1.82
Fixed investment	1.29	1.28	.44	.09	.33	-1.74	-1.45
Nonresidential.....	1.01	1.25	.91	.13	-.02	-1.99	-1.53
Structures.....	-.07	.19	.45	.24	.39	-.44	-.42
Equipment and software.....	1.08	1.06	.46	-.11	-.41	-1.55	-1.11
Information processing equipment and software.....	.72	.86	.61	.64	-.62	-.95	-.62
Computers and peripheral equipment.....	.35	.36	.32	.18	-.04	-.34	-.22
Software ¹.....	.22	.21	.24	.25	-.12	-.07	-.17
Other.....	.15	.30	.04	.20	-.46	-.54	-.23
Industrial equipment.....	.01	.18	.19	.02	.21	-.39	-.44
Transportation equipment.....	.33	-.05	-.31	-.70	.05	-.12	-.07
Other.....	.02	.07	-.03	-.07	-.04	-.09	.02
Residential.....	.28	.04	-.47	-.05	.35	.25	.08
Change in private inventories	-.15	-.09	-.95	-.50	-2.61	-.42	-.37
Farm.....	-.03	.00	-.20	.18	.01	-.10	-.03
Nonfarm.....	-.12	-.09	-.75	-.68	-2.61	-.32	-.34
Net exports of goods and services	-.98	-.79	-.70	-.39	.63	-.12	.32
Exports	.35	1.01	1.13	-.46	-.13	-1.37	-1.87
Goods.....	.30	.85	1.36	-.58	-.19	-1.45	-1.44
Services.....	.05	.17	-.22	.12	.06	.08	-.43
Imports	-1.33	-1.81	-1.84	.07	.76	1.25	2.19
Goods.....	-1.31	-1.54	-1.48	.07	.87	1.21	1.53
Services.....	-.02	-.26	-.36	.00	-.11	.05	.66
Government consumption expenditures and gross investment	.58	.47	-.32	.58	.92	.87	.32
Federal	.13	.10	-.66	.27	.19	.11	.27
National defense.....	.08	.00	-.42	.38	.28	.09	.19
Consumption expenditures.....	.05	.00	-.34	.13	.37	.01	.20
Gross investment.....	.03	.01	-.08	.24	-.09	.08	-.01
Nondefense.....	.05	.10	-.24	-.11	-.09	.02	.08
Consumption expenditures.....	.00	.09	-.16	-.13	-.10	.02	.05
Gross investment.....	.05	.00	-.08	.02	.01	.00	.03
State and local	.44	.37	.34	.31	.73	.76	.05
Consumption expenditures.....	.27	.32	.29	.27	.39	.35	.39
Gross investment.....	.17	.05	.06	.04	.34	.41	-.35
Addenda:							
Goods.....	2.06	2.15	.76	-.90	-.95	-1.33	-.97
Services.....	1.71	1.78	.60	2.60	1.18	1.45	1.30
Structures.....	.31	.21	-.02	.21	1.09	.19	-.69
Motor vehicle output.....	.43	-.03	-.51	-.77	-.59	.70	.16
Final sales of computers ².....	.36	.45	.37	.30	.10	-.31	-.11

Table 8.3.—Contributions to Percent Change in Real Personal Consumption Expenditures by Major Type of Product

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Percent change at annual rate:							
Personal consumption expenditures	5.0	4.8	4.3	3.1	3.0	2.5	1.2
Percentage points at annual rates:							
Durable goods	1.46	1.13	.97	-.25	1.22	.81	.20
Motor vehicles and parts.....	.60	.32	.50	-.43	.76	.28	.00
Furniture and household equipment.....	.62	.56	.31	.12	.33	.42	.22
Other.....	.24	.25	.16	.06	.12	.11	-.02
Nondurable goods	1.39	1.39	1.25	.18	.72	.09	.17
Food.....	.51	.57	.31	.02	.06	-.07	.08
Clothing and shoes.....	.36	.35	.37	.01	.15	.08	-.13
Gasoline, fuel oil, and other energy goods.....	.08	-.02	.10	-.05	.13	-.18	-.12
Gasoline and oil.....	.08	.00	.09	-.03	.13	-.09	.07
Fuel oil and coal.....	.00	-.01	.01	-.02	.00	-.09	-.19
Other.....	.45	.49	.48	.20	.38	.26	.34
Services	2.16	2.32	2.07	3.22	1.08	1.62	.84
Housing.....	.42	.32	.27	.32	.32	.24	.27
Household operation.....	.25	.31	.26	.83	-.06	-.32	.20
Electricity and gas.....	.02	.07	-.07	.54	-.28	-.34	.01
Other household operation.....	.23	.24	.32	.29	.22	.02	.19
Transportation.....	.17	.12	.07	.14	.04	-.02	-.12
Medical care.....	.36	.45	.35	.54	.43	.68	.53
Recreation.....	.19	.13	.02	.09	.24	.04	-.07
Other.....	.78	.99	1.11	1.31	.10	1.00	.04
Addenda:							
Energy goods and services ¹.....	.10	.05	.03	.49	-.15	-.53	-.11
Personal consumption expenditures less food and energy.....	4.40	4.23	3.96	2.64	3.11	3.12	1.24

1. Consists of gasoline, fuel oil, and other energy goods, and of electricity and gas.
NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.4. The estimates in this table differ from those in table 8.2 because this table shows contributions to real personal consumption expenditures, whereas table 8.2 shows contributions to real gross domestic product.

1. Excludes software "embedded," or bundled, in computers and other equipment.
2. For some components of final sales of computers, includes computer parts.
NOTE.—The quantity indexes on which the estimates in this table are based are shown in tables 7.1, 7.2, 7.4, 7.6, 7.9, 7.11, and 7.17.

Table 8.4.—Contributions to Percent Change in Real Private Fixed Investment by Type

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Percent change at annual rate:							
Private fixed investment.....	7.8	7.6	2.5	.5	1.9	-9.7	-8.4
Percentage points at annual rates:							
Nonresidential	6.10	7.36	5.24	.74	-.11	-11.28	-8.97
Structures.....	-.39	1.13	2.58	1.38	2.25	-2.48	-2.47
Nonresidential buildings, including farm.....	-.21	.67	.97	.42	.79	-2.79	-4.24
Utilities.....	.21	.19	.64	1.12	.63	-.26	-1.21
Mining exploration, shafts, and wells.....	-.40	.25	.77	-.14	1.00	.66	.05
Other structures.....	.01	.02	.20	-.03	-.17	-.09	2.93
Equipment and software	6.49	6.23	2.66	-.64	-2.36	-8.80	-6.50
Information processing equipment and software.....	4.31	5.07	3.48	3.64	-3.59	-5.44	-3.64
Computers and peripheral equipment ¹	2.11	2.10	1.82	1.04	-.25	-1.96	-1.29
Software ²	1.31	1.23	1.40	1.43	-.71	-.36	-1.00
Other.....	.89	1.74	.25	1.17	-2.63	-3.11	-1.35
Industrial equipment.....	.06	1.04	1.10	.13	1.21	-2.21	-2.59
Transportation equipment.....	2.01	-.31	-1.78	-4.00	.28	-.66	-.41
Other.....	.11	.43	-.14	-.42	-.26	-.50	.13
Residential	1.70	2.22	-2.69	-.27	2.03	1.55	.55
Structures.....	1.65	.18	-2.70	-.28	2.02	1.54	.58
Single family.....	.96	.14	-2.34	-.33	1.66	.50	.19
Multifamily.....	.14	-.05	-.57	.20	.30	.30	.00
Other structures.....	.56	.09	.21	-.15	.06	.74	.39
Equipment.....	.05	.04	.00	.01	.00	.02	-.02

1. Includes new computers and peripheral equipment only.

2. Excludes software "embedded," or bundled, in computers and other equipment.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.6. The estimates in this table differ from those in table 8.2 because this table shows contributions to real private fixed investment, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.5.—Contributions to Percent Change in Real Exports and in Real Imports of Goods and Services by Type of Product

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Percent change at annual rate:							
Exports of goods and services...	3.2	9.5	10.6	-4.0	-1.2	-11.9	-16.6
Percentage points at annual rates:							
Exports of goods ¹	2.77	7.93	12.45	-5.05	-1.69	-12.80	-12.92
Foods, feeds, and beverages.....	.13	.27	1.33	-.88	.64	-.24	-.55
Industrial supplies and materials.....	.12	1.47	2.92	-.17	-1.21	-2.01	-.34
Capital goods, except automotive.....	1.70	4.80	5.93	-2.95	.28	-12.11	-8.77
Automotive vehicles, engines, and parts.....	.23	.44	-.01	-1.18	-1.97	1.59	-.02
Consumer goods, except automotive.....	.20	.82	.77	-.52	1.23	-.02	-2.75
Other.....	.37	.13	1.50	.65	-.65	-.01	-.49
Exports of services ¹.....	.47	1.57	-1.89	1.03	.51	.87	-3.71
Percent change at annual rate:							
Imports of goods and services..	10.5	13.4	13.0	-.5	-5.0	-8.4	-15.2
Percentage points at annual rates:							
Imports of goods ¹	10.30	11.42	10.44	-.52	-5.82	-8.11	-10.45
Foods, feeds, and beverages.....	.34	.24	.42	-.04	-.17	.21	.40
Industrial supplies and materials, except petroleum and products.....	.60	.83	.42	-.62	-.63	.47	-.48
Petroleum and products.....	.03	.40	-.37	-.68	1.95	.36	-2.40
Capital goods, except automotive.....	3.43	4.65	4.32	.48	-2.72	-11.45	-5.87
Automotive vehicles, engines, and parts.....	2.60	1.23	.68	-1.43	-1.63	1.37	.64
Consumer goods, except automotive.....	2.35	3.32	1.87	1.90	-.21	-1.16	-2.72
Other.....	.95	.74	3.10	-.13	-2.42	2.10	-.02
Imports of services ¹.....	.18	1.94	2.53	.01	.74	-.28	-4.71

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment were reclassified from goods to services.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.10. The estimates in this table differ from those in table 8.2 because this table shows contributions to real exports and to real imports, whereas table 8.2 shows contributions to real gross domestic product. Because imports are subtracted in the calculation of gross domestic product, the contributions of components of real imports have opposite signs in this table and in table 8.2.

Table 8.6.—Contributions to Percent Change in Real Government Consumption Expenditures and Gross Investment by Type

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Percent change at annual rate:							
Government consumption expenditures and gross investment ¹	3.3	2.7	-1.8	3.3	5.3	5.0	1.8
Percentage points at annual rates:							
Federal.....	.75	.58	-3.75	1.52	1.10	.63	1.51
National defense.....	.46	.03	-2.37	2.15	1.61	.51	1.07
Consumption expenditures.....	.27	-.01	-1.90	.77	2.10	.06	1.10
Durable goods ².....	.07	.01	-.12	.22	-.05	.25	.29
Nondurable goods.....	.05	.03	-.24	-.15	.06	.34	.08
Services.....	.15	-.05	-1.54	.71	2.10	-.53	.73
Compensation of general government employees, except own-account investment ³	-.23	-.04	.22	-.07	-.26	.03	.31
Consumption of general government fixed capital ⁴.....	.00	.01	.01	.01	.02	.02	.04
Other services.....	.38	-.01	-1.77	.77	2.33	-.59	.39
Gross investment.....	.19	.04	-.47	1.38	-.49	.46	-.03
Structures.....	-.02	-.01	.06	-.08	-.02	.00	-.11
Equipment and software.....	.21	.05	-.53	1.47	-.48	.45	.07
Nondefense.....	.29	.56	-1.38	-.63	-.52	.12	.44
Consumption expenditures.....	-.02	.53	-.92	-.74	-.57	.13	.27
Durable goods ².....	.09	.02	-.01	.05	-.06	-.01	-.01
Nondurable goods.....	-.16	.07	-.04	-.61	.47	-.12	-.02
Services.....	.06	.44	-.87	-.18	-.99	.26	.30
Compensation of general government employees, except own-account investment ³.....	.03	.16	-.92	-.23	.17	.04	.14
Consumption of general government fixed capital ⁴.....	.16	.15	.13	.13	.11	.12	.13
Other services.....	-.13	.13	-.08	-.08	-1.27	.09	.03
Gross investment.....	.31	.03	-.46	.11	.05	-.01	.18
Structures.....	.00	-.07	-.09	.15	.07	-.21	-.12
Equipment and software.....	.31	.10	-.37	-.04	-.02	.19	.30
State and local	2.51	2.08	1.94	1.78	4.21	4.33	.27
Consumption expenditures.....	1.54	1.78	1.62	1.57	2.29	2.04	2.21
Durable goods ².....	.06	.06	.06	.06	.07	.06	.06
Nondurable goods.....	.34	.38	.32	.34	.39	.39	.38
Services.....	1.14	1.34	1.24	1.17	1.83	1.58	1.76
Compensation of general government employees, except own-account investment ³.....	.43	.74	.73	.58	1.10	.91	1.01
Consumption of general government fixed capital ⁴.....	.29	.29	.28	.28	.28	.28	.27
Other services.....	.42	.32	.23	.30	.45	.39	.48
Gross investment.....	.97	.30	.32	.21	1.93	2.29	-1.94
Structures.....	.61	.04	.06	.01	1.95	2.38	-1.76
Equipment and software.....	.36	.25	.25	.20	-.02	-.09	-.18

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.

3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software.

4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.11. The estimates in this table differ from those in table 8.2 because this table shows contributions to real government consumption expenditures and gross investment, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.7.—Selected Per Capita Product and Income Series in Current and Chained Dollars
[Dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Current dollars:							
Gross domestic product.....	33,951	35,846	36,040	36,282	36,611	36,746	36,824
Gross national product.....	33,927	35,802	35,974	36,297	36,574	36,704	.....
Personal income.....	28,489	30,205	30,397	30,825	31,191	31,387	31,540
Disposable personal income.....	24,242	25,528	25,682	26,013	26,335	26,520	27,238
Personal consumption expenditures.....	22,895	24,429	24,609	24,861	25,189	25,372	25,366
Durable goods.....	2,787	2,976	2,993	2,962	3,025	3,042	3,026
Nondurable goods.....	6,708	7,224	7,298	7,327	7,390	7,428	7,395
Services.....	13,399	14,230	14,317	14,572	14,774	14,902	14,945
Chained (1996) dollars:							
Gross domestic product.....	32,442	33,490	33,583	33,663	33,697	33,646	33,538
Gross national product.....	32,429	33,463	33,537	33,691	33,678	33,623	.....
Disposable personal income.....	23,150	23,742	23,814	24,006	24,111	24,200	24,880
Personal consumption expenditures.....	21,863	22,721	22,819	22,943	23,062	23,153	23,169
Durable goods.....	2,996	3,251	3,279	3,254	3,330	3,379	3,385
Nondurable goods.....	6,471	6,717	6,760	6,754	6,780	6,769	6,763
Services.....	12,429	12,808	12,839	12,985	13,014	13,073	13,089
Population (mid-period, thousands).....	272,996	275,423	275,735	276,388	277,011	277,650	278,292

Table 8.8B.—Motor Vehicle Output
[Billions of dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Motor vehicle output.....	353.5	353.0	351.4	332.1	315.5	331.5	336.0
Auto output.....	124.5	118.5	120.7	108.6	105.5	113.6	114.3
Truck output ¹	229.1	234.5	230.7	223.5	210.0	217.9	221.7
Final sales of domestic product.....	343.5	346.9	347.3	325.3	339.9	340.5	333.2
Personal consumption expenditures.....	259.5	277.4	279.9	274.0	288.5	289.4	285.1
New motor vehicles.....	201.9	218.4	219.1	214.7	226.2	226.6	225.2
Autos.....	98.0	105.0	103.3	101.9	105.7	102.5	98.7
Light trucks.....	103.9	113.4	115.8	112.7	120.5	124.0	126.5
Net purchases of used autos.....	57.6	59.1	60.7	59.4	62.4	62.9	59.9
Private fixed investment.....	162.2	158.0	158.2	141.0	140.1	138.4	135.1
New motor vehicles.....	198.0	194.6	195.4	177.4	179.1	177.0	170.1
Autos.....	79.2	77.6	77.5	73.8	76.6	76.1	71.2
Trucks.....	118.8	117.0	117.9	103.6	102.5	101.0	98.9
Light trucks.....	81.2	84.2	86.1	76.5	77.9	76.8	75.9
Other.....	37.6	32.8	31.7	27.1	24.6	24.2	23.0
Net purchases of used autos.....	-35.8	-36.6	-37.2	-36.3	-39.0	-38.7	-35.0
Gross government investment.....	12.8	13.2	12.6	13.7	13.4	13.3	13.0
Autos.....	3.9	3.9	4.2	3.9	3.2	4.0	4.4
New trucks.....	8.9	9.3	8.4	9.8	10.2	9.4	8.7
Net exports.....	-91.0	-101.7	-103.4	-103.5	-102.2	-100.6	-100.0
Exports.....	25.3	26.1	25.9	24.5	22.3	25.7	27.4
Autos.....	16.5	16.7	16.6	15.6	15.1	17.8	19.7
Trucks.....	8.8	9.4	9.3	8.9	7.2	8.0	7.7
Imports.....	116.3	127.8	129.3	128.0	124.5	126.3	127.4
Autos.....	96.3	109.2	111.0	112.1	109.1	106.7	106.1
Trucks.....	20.0	18.6	18.3	15.8	15.5	19.6	21.3
Change in private inventories.....	10.1	6.2	4.2	6.9	-24.4	-9.1	2.7
Autos.....	1.3	2.1	6.6	2.5	-9.4	-4.2	1.6
New.....	1.2	1.3	6.6	1.9	-10.5	-4.7	1.3
Domestic.....	-1	.8	6.3	.9	-12.0	-4.2	.0
Foreign.....	1.3	.6	.4	1.0	1.5	-4	1.2
Used.....	.2	.8	-1	.5	1.1	.4	.3
New trucks.....	8.7	4.1	-2.4	4.4	-15.0	-4.8	1.1
Domestic.....	8.3	3.2	-1.0	1.1	-13.8	-3.8	1.6
Foreign.....	.5	.9	-1.4	3.3	-1.2	-1.0	-.4
Addenda:							
Final sales of motor vehicles to domestic purchasers.....	434.5	448.6	450.6	428.7	442.1	441.1	433.3
Private fixed investment in new autos and new light trucks.....	160.3	161.8	163.7	150.2	154.5	152.9	147.1
Domestic output of new autos ²	116.5	117.5	121.0	109.8	108.0	111.0	110.9
Sales of imported new autos ³	78.8	84.2	83.6	84.0	80.9	83.9	80.9

1. Except for exports and imports, consists of new trucks only.
2. Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

Table 8.9B.—Real Motor Vehicle Output
[Billions of chained (1996) dollars]

	1999	2000	Seasonally adjusted at annual rates				
			2000		2001		
			III	IV	I	II	III
Motor vehicle output.....	356.2	353.8	352.2	333.1	318.1	336.1	340.2
Auto output.....	128.5	121.6	123.7	111.8	108.5	117.1	118.6
Truck output ¹	227.2	231.5	227.8	220.3	208.7	218.2	220.8
Final sales of domestic product.....	346.5	348.2	347.7	326.0	342.4	344.7	337.0
Personal consumption expenditures.....	261.8	278.6	281.0	274.8	287.8	290.0	287.2
New motor vehicles.....	201.8	218.6	219.2	215.2	226.8	228.1	227.6
Autos.....	99.5	106.6	104.7	103.5	107.6	104.6	100.9
Light trucks.....	102.2	111.8	114.2	111.5	118.9	123.1	126.2
Net purchases of used autos.....	59.7	59.6	61.4	59.1	60.6	61.5	59.2
Private fixed investment.....	161.4	156.9	156.5	139.8	141.8	140.5	135.2
New motor vehicles.....	199.2	194.7	194.9	176.7	180.5	179.2	170.7
Autos.....	80.4	78.8	78.5	74.9	78.0	77.6	72.8
Trucks.....	118.9	116.0	116.5	101.9	102.7	101.9	98.1
Light trucks.....	82.5	84.8	86.4	76.4	79.7	79.4	76.9
Other.....	36.5	31.4	30.4	25.8	23.5	23.0	21.7
Net purchases of used autos.....	-37.5	-37.5	-38.2	-36.7	-38.5	-38.6	-35.4
Gross government investment.....	12.7	12.9	12.3	13.4	13.3	13.3	12.9
Autos.....	3.8	3.7	4.0	3.7	3.1	3.9	4.3
New trucks.....	8.9	9.3	8.4	9.7	10.3	9.5	8.6
Net exports.....	-88.9	-99.4	-101.1	-100.8	-99.4	-98.2	-97.5
Exports.....	24.5	24.9	24.6	23.3	21.1	24.4	25.9
Autos.....	16.1	16.2	16.0	15.1	14.5	17.1	18.9
Trucks.....	8.4	8.7	8.6	8.2	6.7	7.3	7.1
Imports.....	113.3	124.2	125.7	124.1	120.6	122.6	123.4
Autos.....	94.0	106.5	108.3	109.2	106.0	104.0	103.3
Trucks.....	19.3	17.8	17.4	15.0	14.6	18.6	20.1
Change in private inventories.....	9.6	5.8	4.1	6.4	-22.6	-8.3	2.5
Autos.....	1.4	2.1	6.7	2.5	-9.5	-4.2	1.6
New.....	1.2	1.3	6.7	2.0	-10.7	-4.7	1.3
Domestic.....	-1	.8	6.4	.9	-12.3	-4.3	.0
Foreign.....	1.2	.5	.3	1.0	1.5	-4	1.2
Used.....	.2	.8	-1	.5	1.1	.4	.3
New trucks.....	7.3	3.4	-1.9	3.6	-12.1	-3.8	.9
Domestic.....	6.8	2.6	-7	.9	-11.0	-3.0	1.2
Foreign.....	.5	.8	-1.3	3.1	-1.1	-9	-.4
Residual.....	.4	-.8	-1.1	-.3	-3.9	-1.5	.1
Addenda:							
Final sales of motor vehicles to domestic purchasers.....	435.9	448.3	449.7	427.7	442.7	443.6	435.2
Private fixed investment in new autos and new light trucks.....	162.7	163.4	164.8	151.2	157.5	156.7	149.5
Domestic output of new autos ²	117.4	118.3	122.0	111.2	109.5	112.8	112.9
Sales of imported new autos ³	79.9	85.5	84.7	85.4	82.3	85.6	82.7

1. Except for exports and imports, consists of new trucks only.
2. Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda.

Chain-type quantity indexes for the series in this table are shown in table 7.18B.

Table 8.30.—Contributions to Percent Change in the Gross Domestic Purchases Price Index

	1999	2000	Seasonally adjusted at annual rates					
			2000		2001			
			III	IV	I	II	III	
Percent change at annual rate:								
Gross domestic purchases	1.5	2.6	2.3	1.7	2.7	1.3	-3	
Percentage points at annual rates:								
Personal consumption expenditures	1.07	1.76	1.57	1.28	2.12	.89	-.26	
Durable goods	-.20	-.13	-.18	-.09	-.06	-.29	-.23	
Motor vehicles and parts .....	.01	.02	-.02	.03	.09	-.05	-.06	
Furniture and household equipment	-.18	-.14	-.13	-.15	-.18	-.22	-.16	
Other	-.03	-.01	-.03	.03	.04	-.02	-.01	
Nondurable goods .....	.45	.72	.53	.38	.38	.52	-.28	
Food .....	.19	.22	.34	.15	.37	.24	.35	
Clothing and shoes	-.05	-.04	-.06	.07	-.02	-.18	-.17	
Gasoline, fuel oil, and other energy goods .....	.11	.42	.14	.13	-.10	.31	-.65	
Other .....	.20	.12	.11	.03	.12	.15	.19	
Services .....	.83	1.17	1.21	.99	1.80	.65	.25	
Housing .....	.27	.30	.30	.32	.36	.43	.40	
Household operation	-.01	.06	.18	.20	.50	.00	-.04	
Electricity and gas	-.01	.08	.21	.20	.47	-.02	-.10	
Other household operation .....	.00	-.01	-.04	.00	.03	.02	.06	
Transportation .....	.01	.08	.07	.08	.04	-.01	-.02	
Medical care .....	.21	.29	.38	.26	.48	.12	-.12	
Recreation .....	.07	.09	.11	.05	.09	.12	.06	
Other .....	.27	.34	.17	.08	.33	.00	-.04	
Gross private domestic investment	-.03	.19	.31	.11	.01	.06	-.02	
Fixed investment	-.02	.20	.32	.14	-.05	.09	-.01	
Nonresidential	-.17	.02	.16	.00	-.24	-.02	-.05	
Structures .....	.08	.12	.14	.15	.20	.15	.07	
Equipment and software	-.25	-.11	.02	-.14	-.44	-.17	-.12	
Information processing equipment and software	-.29	-.14	-.06	-.17	-.40	-.20	-.23	
Computers and peripheral equipment	-.26	-.15	-.14	-.15	-.38	-.17	-.20	
Software ¹ .....	.01	.04	.10	.01	.01	.01	-.01	
Other	-.03	-.03	-.02	-.03	-.03	-.03	-.02	
Industrial equipment .....	.01	.01	.01	.00	.02	.01	.00	
Transportation equipment .....	.02	.02	.05	.01	-.09	-.01	.09	
Other equipment .....	.02	.01	.01	.02	.03	.02	.01	
Residential .....	.16	.19	.15	.14	.19	.11	.04	
Change in private inventories	-.01	-.01	.00	-.03	.07	-.03	-.02	
Farm .....	.00	.00	.00	.00	.00	.00	-.01	
Nonfarm	-.01	-.01	.00	-.03	.07	-.03	-.01	
Government consumption expenditures and gross investment .....	.47	.66	.44	.33	.59	.31	.00	
Federal .....	.14	.17	.10	.02	.25	.07	.01	
National defense .....	.09	.11	.08	.04	.13	.04	.00	
Consumption expenditures .....	.09	.11	.08	.03	.15	.04	.01	
Gross investment .....	.00	.00	.00	.00	-.01	.00	.00	
Nondefense .....	.05	.06	.02	-.01	.12	.03	.00	
Consumption expenditures .....	.05	.05	.01	-.02	.12	.03	.01	
Gross investment .....	.00	.01	.01	.01	.00	.00	.00	
State and local .....	.33	.49	.34	.30	.34	.24	-.01	
Consumption expenditures .....	.28	.42	.29	.26	.26	.21	-.01	
Gross investment .....	.04	.07	.06	.05	.08	.03	.00	
Addenda:								
Final sales of computers ²	-.32	-.20	-.20	-.14	-.48	-.19	-.22	
Gross domestic purchases less final sales of computers	1.90	2.84	2.52	1.93	3.20	1.55	.02	
Food .....	.19	.22	.34	.15	.38	.25	.34	
Energy goods and services .....	.14	.63	.50	.42	.36	.25	-.95	
Gross domestic purchases less food and energy	1.19	1.75	1.47	1.14	1.95	.78	.32	

1. Excludes software "embedded," or bundled, in computers and other equipment.

2. For some components of final sales of computers, includes computer parts.

NOTE.—The price indexes on which the estimates in this table are based are shown in tables 7.1, 7.2, 7.4, 7.6, and 7.11.

B. Other NIPA and NIPA-Related Tables

Monthly Estimates

Tables B.1 and B.2 include the most recent estimates of personal income and its components; these estimates were released on November 1, 2001, and include "preliminary" estimates for September 2001 and "revised" estimates for July and August 2001.

Table B.1.—Personal Income

[Billions of dollars; monthly estimates seasonally adjusted at annual rates]

	1999	2000	2000					2001								
			Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^r	Aug. ^r	Sep. ^p
Personal income	7,777.3	8,319.2	8,377.4	8,423.0	8,478.7	8,513.5	8,566.7	8,604.0	8,640.2	8,676.2	8,697.0	8,709.3	8,737.6	8,772.5	8,779.3	8,780.1
Wage and salary disbursements.....	4,472.2	4,837.2	4,866.4	4,902.6	4,946.1	4,974.0	4,999.4	5,022.7	5,051.8	5,073.8	5,092.8	5,091.7	5,115.0	5,128.4	5,128.9	5,130.9
Private industries	3,747.9	4,068.8	4,094.2	4,128.9	4,170.4	4,197.2	4,222.2	4,238.4	4,262.3	4,281.1	4,296.7	4,292.7	4,311.3	4,320.1	4,317.5	4,314.8
Goods-producing industries.....	1,088.7	1,163.7	1,172.0	1,177.5	1,189.9	1,197.9	1,198.6	1,202.1	1,206.2	1,210.6	1,208.1	1,203.5	1,201.7	1,203.7	1,200.7	1,198.0
Manufacturing	782.0	830.1	836.6	840.2	849.3	853.9	853.3	852.6	853.5	853.7	856.8	848.2	845.5	847.5	843.4	839.6
Distributive industries	1,021.0	1,095.6	1,097.0	1,109.5	1,120.1	1,124.7	1,133.0	1,137.7	1,141.0	1,142.2	1,146.9	1,145.2	1,152.4	1,152.3	1,149.3	1,145.2
Service industries.....	1,638.2	1,809.5	1,825.2	1,841.9	1,860.4	1,874.6	1,890.6	1,898.6	1,915.0	1,928.3	1,941.7	1,944.0	1,957.2	1,964.1	1,967.5	1,971.6
Government	724.3	768.4	772.3	773.7	775.7	776.8	777.1	784.3	789.6	792.7	796.1	799.0	803.7	808.3	811.5	816.2
Other labor income.....	509.7	534.2	537.9	540.5	542.9	544.9	547.0	548.2	549.3	550.3	551.3	552.0	553.3	554.4	555.3	556.1
Proprietors' income with IVA and CCAAdj	672.0	715.0	723.7	720.3	721.7	725.4	728.5	731.7	733.7	740.2	740.0	746.0	750.1	752.1	757.3	747.4
Farm	26.6	30.6	31.6	31.5	31.6	31.7	31.9	30.9	30.2	28.4	29.0	28.8	28.3	29.5	31.9	34.1
Nonfarm	645.4	684.4	692.1	688.8	690.1	693.7	696.6	700.8	703.5	711.8	711.0	717.1	721.8	722.7	725.4	713.3
Rental income of persons with CCAAdj	147.7	141.6	138.1	138.5	139.4	141.4	144.4	141.5	139.6	137.9	138.1	140.3	138.6	142.4	144.0	144.4
Personal dividend income.....	343.1	379.2	385.9	389.8	393.5	396.7	399.7	402.3	404.8	407.2	409.6	411.9	414.3	416.9	420.1	423.0
Personal interest income.....	950.0	1,000.6	1,009.4	1,011.3	1,011.8	1,013.1	1,014.4	1,012.7	1,010.8	1,009.1	1,005.1	1,000.7	997.2	994.2	991.2	988.4
Transfer payments to persons.....	1,019.6	1,069.1	1,074.8	1,080.6	1,086.2	1,082.1	1,098.6	1,115.8	1,122.4	1,131.0	1,134.1	1,140.3	1,143.6	1,158.9	1,157.1	1,164.1
Old-age, survivors, disability, and health insurance benefits	588.0	617.3	620.9	625.2	623.6	622.3	633.5	646.4	651.7	656.0	658.7	660.7	660.8	672.6	669.5	673.3
Government unemployment insurance benefits	20.3	20.3	19.6	20.4	22.7	20.9	22.7	22.7	22.8	22.8	23.2	23.1	23.0	23.4	23.7	24.9
Other	411.2	431.5	434.3	435.1	440.0	438.9	442.5	446.7	448.0	452.2	452.3	456.4	459.9	462.8	463.9	465.9
Less: Personal contributions for social insurance	337.1	357.7	358.8	360.7	362.9	364.2	365.3	370.7	372.2	373.2	374.0	373.5	374.5	375.0	374.6	374.3

^p Preliminary.^r Revised.

CCAAdj Capital consumption adjustment.

IVA Inventory valuation adjustment.

Source: U.S. Bureau of Economic Analysis.

Table B.2.—The Disposition of Personal Income

[Monthly estimates seasonally adjusted at annual rates]

	1999	2000	2000					2001								
			Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^r	Aug. ^r	Sep. ^p
Personal income	7,777.3	8,319.2	8,377.4	8,423.0	8,478.7	8,513.5	8,566.7	8,604.0	8,640.2	8,676.2	8,697.0	8,709.3	8,737.6	8,772.5	8,779.3	8,780.1
Less: Personal tax and nontax payments	1,159.2	1,288.2	1,300.7	1,310.7	1,321.8	1,329.9	1,337.8	1,341.2	1,345.0	1,349.4	1,348.9	1,349.0	1,356.4	1,259.9	1,121.8	1,209.3
Equals: Disposable personal income	6,618.0	7,031.0	7,076.7	7,112.3	7,156.9	7,183.6	7,228.9	7,262.9	7,295.2	7,326.9	7,348.1	7,360.3	7,381.2	7,512.5	7,657.5	7,570.8
Less: Personal outlays	6,457.2	6,963.3	7,012.7	7,082.6	7,089.9	7,114.2	7,141.3	7,200.8	7,217.0	7,230.8	7,254.5	7,280.8	7,309.7	7,322.7	7,344.7	7,213.3
Personal consumption expenditures	6,250.2	6,728.4	6,770.8	6,839.8	6,846.1	6,869.9	6,898.1	6,960.4	6,978.5	6,994.0	7,017.3	7,043.7	7,072.8	7,086.9	7,110.2	6,980.0
Durable goods	760.9	819.6	819.5	842.0	824.8	819.1	812.2	832.1	844.4	837.7	840.2	837.6	856.4	853.1	850.4	823.2
Non-durable goods	1,831.3	1,989.6	2,004.6	2,027.1	2,026.6	2,023.5	2,025.3	2,056.2	2,048.6	2,036.5	2,055.3	2,067.6	2,064.0	2,063.0	2,064.9	2,041.6
Services	3,658.0	3,919.2	3,946.7	3,970.7	3,994.8	4,027.3	4,060.6	4,072.1	4,085.4	4,119.8	4,121.8	4,138.5	4,152.3	4,170.8	4,190.9	4,115.1
Interest paid by persons.....	179.7	205.3	211.8	212.7	212.9	213.5	212.3	210.3	208.4	206.7	206.5	206.3	206.2	205.1	203.8	202.6
Personal transfer payments to the rest of the world (net)	27.2	29.6	30.1	30.1	30.8	30.8	30.8	30.1	30.1	30.1	30.8	30.8	30.8	30.7	30.7	30.7
Equals: Personal saving	160.9	67.7	64.0	29.7	67.0	69.4	87.7	62.0	78.2	96.0	93.6	79.5	71.4	189.8	312.8	357.4
Addenda:																
Disposable personal income:																
Billions of chained (1996) dollars ¹	6,320.0	6,539.2	6,571.0	6,578.7	6,611.3	6,628.8	6,664.7	6,658.8	6,673.4	6,704.9	6,712.4	6,717.7	6,727.4	6,850.1	6,980.5	6,941.4
Per capita:																
Current dollars	24,242	25,528	25,665	25,772	25,913	25,991	26,136	26,239	26,336	26,429	26,486	26,509	26,564	27,016	27,516	27,183
Chained (1996) dollars	23,150	23,742	23,830	23,839	23,938	23,984	24,096	24,057	24,091	24,186	24,194	24,195	24,211	24,634	25,083	24,924
Population (thousands) ²	272,996	275,423	275,738	275,970	276,191	276,389	276,585	276,798	277,011	277,223	277,436	277,649	277,864	278,078	278,292	278,506
Personal consumption expenditures:																
Billions of chained (1996) dollars	5,968.4	6,257.8	6,286.9	6,326.7	6,324.2	6,339.4	6,359.7	6,381.5	6,383.6	6,400.3	6,410.2	6,428.8	6,446.3	6,462.0	6,481.6	6,399.8
Durable goods	817.8	895.5	898.7	923.3	906.3	899.8	892.2	912.7	929.4	925.3	930.1	931.3	952.9	950.0	951.4	924.6
Non-durable goods	1,766.4	1,849.9	1,864.6	1,868.3	1,868.4	1,863.9	1,868.0	1,891.2	1,874.8	1,868.1	1,877.1	1,882.1	1,878.8	1,890.0	1,900.8	1,855.7
Services	3,393.2	3,527.7	3,539.1	3,553.9	3,565.4	3,589.7	3,611.4	3,593.6	3,598.0	3,623.7	3,620.7	3,632.7	3,635.8	3,642.5	3,649.8	3,635.6
Implicit price deflator, 1996=100	104.72	107.52	107.70	108.11	108.25	108.37	108.47	109.07	109.32	109.28	109.47	109.57	109.72	109.67	109.70	109.07
Personal saving as percentage of disposable personal income	2.4	1.0	0.9	0.4	0.9	1.0	1.2	0.9	1.1	1.3	1.3	1.1	1.0	2.5	4.1	4.7
Percent change from preceding period, monthly changes at monthly rates																
Personal income, current dollars	4.7	7.0	0.4	0.5	0.7	0.4	0.6	0.4	0.4	0.4	0.2	0.1	0.3	0.4	0.1	0.0
Disposable personal income:																
Current dollars	4.1	6.2	0.3	0.5	0.6	0.4	0.6	0.5	0.4	0.4	0.3	0.2	0.3	1.8	1.9	-1.1
Chained (1996) dollars	2.5	3.5	0.3	0.1	0.5	0.3	0.5	-0.1	0.2	0.5	0.1	0.1	0.1	1.8	1.9	-0.6
Personal consumption expenditures:																
Current dollars	6.7	7.7	0.4	1.0	0.1	0.3	0.4	0.9	0.3	0.2	0.3	0.4	0.4	0.2	0.3	-1.8
Chained (1996) dollars	5.0	4.8	0.4	0.6	0.0	0.2	0.3	0.3	0.0	0.3	0.2	0.3	0.3	0.2	0.3	-1.3

^p Preliminary.^r Revised.

1. Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.

2. Population is the total population of the United States, including the Armed Forces overseas and the institutionalized population. The monthly estimate is the average of estimates for the first of the month and the first of

the following month; the annual estimate is the average of the monthly estimates. Prior to January 2001, first-of-the-month estimates are from Census Bureau surveys and are consistent with the 1990 Census of Population. Beginning with January 2001, first-of-the-month estimates are derived by BEA based on extrapolations of the Census Bureau estimates.

Source: U.S. Bureau of Economic Analysis.

Annual Estimates

Except as noted for table B.3 below, these tables are derived from the NIPA tables that were published in the August and September 2001 issues of the SURVEY OF CURRENT BUSINESS, and the estimates reflect the most recent comprehensive and annual NIPA revisions.

“Table B.3.—Gross Domestic Product by Industry, Current-Dollar and Real Estimates” is not published in this issue. For the annual revision of these estimates, see the article “Gross Domestic Product by Industry for 1998–2000” in this issue.

Table B.4.—Personal Consumption Expenditures by Type of Expenditure

	Billions of dollars			Billions of chained (1996) dollars				Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Personal consumption expenditures	5,856.0	6,250.2	6,728.4	5,683.7	5,968.4	6,257.8	Personal business	529.8	577.3	638.9	484.4	517.0	554.8
Food and tobacco.....	906.9	965.5	1,029.5	865.3	889.7	921.6	Brokerage charges and investment counseling (s.)	58.1	68.0	83.9	60.4	75.6	98.0
Food purchased for off-premise consumption (n.d.).....	507.9	536.7	569.6	492.2	511.6	531.0	Bank service charges, trust services, and safe deposit box rental (s.).....	55.7	63.4	68.3	51.6	57.0	58.7
Purchased meals and beverages ¹ (n.d.).....	335.4	353.4	378.0	318.3	327.2	341.1	Services furnished without payment by financial intermediaries except life insurance carriers (s.)	221.2	238.8	265.4	195.6	206.8	222.7
Food furnished to employees (including military) (n.d.).....	8.8	9.1	9.4	8.4	8.5	8.7	Expense of handling life insurance and pension plans ¹⁷ (s.).....	90.9	97.0	104.5	81.7	83.0	83.5
Food produced and consumed on farms (n.d.).....	0.5	0.5	0.5	0.5	0.5	0.5	Legal services (s.).....	58.7	62.4	66.1	54.0	54.7	55.1
Tobacco products (n.d.).....	54.4	65.7	72.1	46.1	43.3	42.8	Funeral and burial expenses (s.).....	16.2	16.4	16.9	14.9	14.6	14.6
Addenda: Food excluding alcoholic beverages (n.d.).....	745.1	786.4	834.2	716.0	741.3	769.0	Other ¹⁸ (s.).....	28.9	31.3	33.7	27.1	28.3	29.4
Alcoholic beverages purchased for off-premise consumption (n.d.).....	62.1	65.9	71.2	60.7	63.1	66.2	Transportation	649.9	711.6	784.9	658.5	708.3	735.5
Other alcoholic beverages (n.d.).....	45.4	47.5	52.1	42.7	43.4	46.2	User-operated transportation.....	599.2	658.9	727.9	609.4	657.2	682.7
Clothing, accessories, and jewelry	367.2	391.0	416.2	375.0	404.9	435.3	New autos (d.).....	87.9	98.0	105.0	86.5	99.5	106.6
Shoes (n.d.).....	42.4	44.8	46.8	42.9	46.5	49.4	Net purchases of used autos (d.).....	54.9	57.6	59.1	57.5	59.7	59.6
Clothing and accessories except shoes ²	242.0	255.8	272.0	247.2	265.3	285.6	Other motor vehicles (d.).....	104.5	124.7	136.5	103.7	122.7	134.3
Women's and children's (n.d.).....	154.6	164.0	175.1	159.4	172.6	186.7	Tires, tubes, accessories, and other parts (d.).....	41.5	44.4	46.3	42.1	45.3	47.1
Men's and boys' (n.d.).....	87.4	91.9	96.9	87.8	92.8	99.0	Repair, greasing, washing, parking, storage, rental, and leasing (s.).....	153.6	163.6	173.4	148.6	155.1	160.1
Standard clothing issued to military personnel (n.d.).....	0.3	0.3	0.3	0.3	0.3	0.3	Gasoline and oil (n.d.).....	114.8	129.5	165.3	131.8	136.7	136.6
Cleaning, storage, and repair of clothing and shoes (s.).....	13.8	14.6	15.0	13.3	13.8	13.8	Bridge, tunnel, ferry, and road tolls (s.).....	4.0	4.2	4.5	3.6	3.7	3.8
Jewelry and watches (d.).....	44.3	48.5	51.4	47.8	53.7	58.5	Insurance ¹⁹ (s.).....	38.0	36.8	37.9	33.6	34.2	34.8
Other ³ (s.).....	24.4	27.0	30.7	23.5	25.6	28.1	Purchased local transportation.....	12.3	12.4	13.0	12.2	12.5	12.8
Personal care	79.9	84.4	90.4	77.6	80.3	84.1	Mass transit systems (s.).....	8.3	8.6	9.0	8.2	8.7	9.0
Toilet articles and preparations (n.d.).....	52.7	55.4	58.5	51.8	53.7	56.0	Taxicab (s.).....	4.1	3.8	3.9	4.0	3.8	3.9
Barbershops, beauty parlors, and health clubs (s.)	27.2	28.9	31.8	25.8	26.6	28.1	Purchased intercity transportation.....	38.4	40.3	44.0	36.9	38.6	39.9
Housing	859.7	909.0	958.8	808.7	831.6	850.1	Railway (s.).....	0.7	0.7	0.8	0.7	0.8	0.8
Owner-occupied nonfarm dwellings—space rent ⁴ (s.).....	625.0	664.6	702.7	588.3	609.0	625.3	Bus (s.).....	1.9	2.0	2.2	1.8	1.8	1.9
Tenant-occupied nonfarm dwellings—rent ⁵ (s.).....	194.0	201.3	209.3	182.9	184.3	185.1	Airline (s.).....	30.8	32.3	35.8	29.5	31.1	32.6
Rental value of farm dwellings (s.).....	6.7	7.2	7.7	6.0	6.2	6.2	Other ²⁰ (s.).....	4.9	5.3	5.1	4.8	5.0	4.6
Other ⁶ (s.).....	34.0	35.9	39.1	31.4	32.1	33.6	Recreation	489.1	527.9	574.2	506.3	559.6	614.9
Household operation	642.9	676.5	727.4	640.6	676.6	716.0	Books and maps (d.).....	28.2	30.7	33.9	27.1	30.1	33.2
Furniture, including mattresses and bedsprings (d.).....	56.7	60.0	64.1	56.9	60.3	64.7	Magazines, newspapers, and sheet music (n.d.).....	31.0	32.9	36.8	30.1	31.2	34.2
Kitchen and other household appliances ⁷ (d.).....	32.1	34.1	36.3	32.6	35.5	38.2	Nondurable toys and sport supplies (n.d.).....	56.5	60.4	64.6	59.7	67.8	76.7
China, glassware, tableware, and utensils (d.).....	29.1	31.4	33.8	28.8	31.8	34.7	Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.).....	46.2	50.3	58.3	47.0	52.2	61.2
Other durable house furnishings ⁸ (d.).....	57.1	61.7	66.1	56.6	62.0	66.9	Video and audio goods, including musical instruments, and computer goods (d.).....	90.3	98.0	106.9	121.3	152.6	186.6
Semidurable house furnishings ⁹ (n.d.).....	34.5	36.8	39.3	36.0	38.9	42.7	Video and audio goods, including musical instruments (d.).....	61.6	66.6	72.7	67.4	78.2	91.8
Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n.d.).....	53.5	56.6	60.0	52.1	54.2	54.9	Computers, peripherals, and software ²¹ (d.).....	28.7	31.4	34.3	60.9	90.9	121.4
Stationery and writing supplies (n.d.).....	21.3	22.6	24.2	19.8	21.3	23.1	Radio and television repair (s.).....	4.1	4.3	4.9	4.0	4.2	4.7
Household utilities.....	186.2	189.5	207.6	187.0	189.6	193.7	Flowers, seeds, and potted plants (n.d.).....	15.9	16.6	17.5	16.2	17.4	17.5
Electricity (s.).....	96.3	96.4	101.2	99.8	100.6	103.9	Admissions to specified spectator amusements.....	23.4	25.8	27.3	22.3	23.3	23.2
Gas (s.).....	32.5	33.2	40.2	31.4	31.9	32.8	Motion picture theaters (s.).....	6.9	7.6	8.1	6.6	6.9	6.8
Water and other sanitary services (s.).....	44.2	46.2	48.3	41.7	42.7	43.6	Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.).....	8.7	9.3	9.8	8.3	8.5	8.4
Fuel oil and coal (n.d.).....	13.1	13.6	17.9	14.3	14.6	13.8	Spectator sports ²² (s.).....	7.7	8.8	9.3	7.4	8.0	8.0
Telephone and telegraph (s.).....	112.9	122.3	131.3	114.2	127.1	141.8	Clubs and fraternal organizations ²³ (s.).....	14.9	15.9	16.8	14.2	14.7	15.0
Domestic service (s.).....	16.0	14.9	16.0	15.1	13.7	14.1	Commercial participant amusements ²⁴ (s.).....	57.3	63.2	69.2	54.9	58.9	62.2
Other ¹⁰ (s.).....	43.7	46.6	48.7	41.6	42.8	43.1	Parl-mutuel net receipts (s.).....	4.3	4.5	4.7	4.1	4.2	4.3
Medical care	1,041.7	1,100.5	1,173.9	995.2	1,027.8	1,064.2	Other ²⁴ (s.).....	117.0	125.3	133.4	109.6	114.3	117.7
Drug preparations and sundries ¹¹ (n.d.).....	122.1	139.2	155.5	117.7	129.4	139.9	Education and research	140.2	149.5	159.9	130.7	134.4	137.7
Ophthalmic products and orthopedic appliances (d.).....	20.6	21.5	21.9	19.9	20.6	20.4	Higher education ²⁵ (s.).....	74.0	77.4	80.6	68.7	69.7	70.1
Physicians (s.).....	220.5	231.2	245.6	213.0	218.5	228.2	Nursery, elementary, and secondary schools ²⁶ (s.).....	29.9	31.4	32.5	28.0	28.6	28.4
Dentists (s.).....	55.1	58.3	62.1	50.5	51.1	52.0	Other ²⁷ (s.).....	36.3	40.7	46.8	34.0	36.0	39.1
Other professional services ¹² (s.).....	132.1	138.4	146.4	124.1	128.0	131.9	Religious and welfare activities²⁸ (s.)	163.9	173.0	190.3	155.3	157.4	164.8
Hospitals and nursing homes ¹³	427.8	446.6	472.4	410.2	419.0	429.3	Foreign travel and other, net	-15.1	-16.0	-15.9	-11.4	-11.6	-7.7
Hospitals.....	354.2	370.5	392.7	341.7	350.9	361.6	Foreign travel by U.S. residents ²⁹ (s.).....	68.8	72.3	80.7	69.1	70.9	78.0
Nonprofit (s.).....	233.0	245.9	259.4	222.4	230.2	236.0	Expenditures abroad by U.S. residents (n.d.).....	3.1	3.2	3.3	3.5	3.5	4.0
Proprietary (s.).....	41.9	41.6	45.1	41.2	40.2	42.5	Less: Expenditures in the United States by nonresidents ³⁰ (s.).....	85.4	89.6	97.9	82.4	84.1	87.8
Government (s.).....	79.3	83.0	88.2	78.1	80.3	83.1	Less: Personal remittances in kind to nonresidents (n.d.).....	1.6	1.9	2.0	1.6	1.9	1.9
Nursing homes (s.).....	73.7	76.0	79.7	68.4	68.2	67.9	Residual.....	.....	.....	.....	-15.2	-40.9	-75.0
Health insurance.....	63.6	65.3	70.0	60.0	61.4	62.6							
Medical care and hospitalization ¹⁴ (s.).....	53.9	57.2	61.3	47.9	49.0	50.0							
Income loss ¹⁵ (s.).....	1.4	1.5	1.7	0.9	0.9	1.0							
Workers' compensation ¹⁶ (s.).....	8.3	6.6	7.0	11.4	11.6	11.9							

1. Consists of purchases (including tips) of meals and beverages from retail, service, and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunchrooms. Includes meals and beverages consumed both on- and off-premise.
 2. Includes luggage.
 3. Consists of watch, clock, and jewelry repairs, costume and dress suit rental, and miscellaneous personal services.
 4. Consists of rent for space and for heating and plumbing facilities, water heaters, lighting fixtures, kitchen cabinets, linoleum, storm windows and doors, window screens, and screen doors, but excludes rent for appliances and furniture and purchases of fuel and electricity.
 5. Consists of space rent (see footnote 4) and rent for appliances, furnishings, and furniture.
 6. Consists of transient hotels, motels, clubs, schools, and other group housing.
 7. Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, room air conditioners, sewing machines, vacuum cleaners, and other appliances.
 8. Includes such house furnishings as floor coverings, comforters, quilts, blankets, pillows, picture frames, mirrors, art products, portable lamps, and clocks. Also includes writing equipment and hand, power, and garden tools.
 9. Consists largely of textile house furnishings, including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes.
 10. Consists of maintenance services for appliances and house furnishings, moving and warehouse expenses, postage and express charges, premiums for fire and theft insurance on personal property less benefits and dividends, and miscellaneous household operation services.
 11. Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services.
 12. Consists of osteopathic physicians, chiropractors, private duty nurses, chiroprodists, podiatrists, and others providing health and allied services, not elsewhere classified.
 13. Consists of (1) current expenditures (including consumption of fixed capital) of nonprofit hospitals and nursing homes, and (2) payments by patients to proprietary and government hospitals and nursing homes.
 14. Consists of (1) premiums, less benefits and dividends, for health, hospitalization, and accidental death and dismemberment insurance provided by commercial insurance carriers, and (2) administrative expenses (including consumption of fixed capital) of nonprofit and self-insured health plans.
 15. Consists of premiums, less benefits and dividends, for income loss insurance.
 16. Consists of premiums, less benefits and dividends, for privately administered workers' compensation.
 17. Consists of (1) operating expenses of commercial life insurance carriers, (2) administrative expenses of private noninsured pension plans and publicly administered government employee retirement plans, and (3) premiums, less benefits and dividends, of fraternal benefit societies. For commercial life insurance carriers, excludes expenses for accident and health insurance and includes profits of stock companies and services furnished without payment by banks, credit agencies, and investment companies. For pension and retirement plans, excludes services furnished without payment by banks, credit agencies, and investment companies.
 18. Consists of current expenditures (including consumption of fixed capital) of trade unions and professional associations, employment agency fees, money order fees, spending for classified advertisements, tax return preparation services, and other personal business services.

19. Consists of premiums, less benefits and dividends, for motor vehicle insurance.
 20. Consists of baggage charges, coastal and inland waterway fares, travel agents' fees, and airport bus fares.
 21. Consists of admissions to professional and amateur athletic events and to racetracks.
 22. Consists of dues and fees excluding insurance premiums.
 23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations; casino gambling; and other commercial participant amusements.
 24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not elsewhere classified.
 25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and less expenditures for research and development financed under contracts or grants.
 26. For government institutions, equals student payments of tuition.
 27. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures. For government institutions, equals student payments of tuition. Excludes child day care services, which are included in religious and welfare activities.
 28. Consists of (1) fees paid to commercial, business, trade, and correspondence schools and for educational services, not elsewhere classified, and (2) current expenditures (including consumption of fixed capital) by research organizations and foundations for education and research.
 29. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are net of receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government institutions, equals receipts from users.
 30. Beginning with 1981, includes U.S. students' expenditures abroad; these expenditures were \$0.3 billion in 1981.
 31. Beginning with 1981, includes nonresidents' student and medical care expenditures in the United States; student expenditures were \$2.2 billion and medical expenditures were \$0.4 billion in 1981.

* Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component.

Note.—Consumer durable goods are designated (d), nondurable goods (n.d.), and services (s.).
 Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table B.5.—Private Fixed Investment in Structures by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
Private fixed investment in structures	638.5	678.2	729.2	599.0	616.0	634.5
Nonresidential	282.4	283.5	313.6	262.2	256.9	272.8
New	281.7	282.9	312.8	261.5	256.2	272.0
Nonresidential buildings, excluding farm	197.2	201.9	221.8	184.3	181.0	190.4
Industrial	35.6	28.7	30.2	33.3	25.8	26.0
Commercial	100.7	110.1	123.9	94.1	98.7	106.4
Office buildings ¹	49.1	55.4	64.8	45.9	49.6	55.6
Other ²	51.6	54.7	59.1	48.2	49.1	50.8
Religious	6.4	7.2	7.9	6.0	6.4	6.7
Educational	10.9	10.4	12.4	10.2	9.3	10.7
Hospital and institutional	15.4	15.1	16.2	14.4	13.5	13.9
Other ³	28.2	30.4	31.2	26.3	27.2	26.8
Utilities	44.2	47.2	51.7	42.7	45.7	48.5
Railroads	5.7	4.7	4.2	5.5	4.7	4.2
Telecommunications	12.3	18.3	18.8	12.1	18.1	18.4
Electric light and power	12.5	14.7	21.3	12.0	14.0	19.5
Gas	12.4	8.1	6.4	11.9	7.6	5.7
Petroleum pipelines	1.3	1.5	1.0	1.2	1.4	0.9
Farm	4.3	5.0	5.2	4.0	4.5	4.4
Mining exploration, shafts, and wells	30.2	22.6	27.6	25.1	20.0	23.5
Petroleum and natural gas	28.9	21.4	25.9	23.9	18.9	22.0
Other	1.3	1.2	1.6	1.2	1.1	1.4
Other ⁴	5.9	6.2	6.6	5.6	5.7	5.9
Brokers' commissions on sale of structures	2.3	2.4	2.6	2.2	2.2	2.4
Net purchases of used structures	-1.7	-1.8	-1.9	-1.6	-1.6	-1.6
Residential	356.1	394.7	415.6	336.8	359.3	361.8
New	310.4	344.4	363.4	292.4	311.6	314.6
New housing units	224.9	250.1	259.6	211.6	225.6	223.8
Permanent site	210.4	236.1	248.8	197.5	212.2	213.4
Single-family structures	185.8	208.6	220.7	175.9	188.9	190.9
Multifamily structures	24.6	27.4	28.1	21.7	23.4	22.7
Manufactured homes	14.5	14.1	10.9	14.1	13.3	10.1
Improvements	84.5	93.0	102.4	79.9	84.9	89.6
Other ⁵	1.0	1.3	1.4	0.9	1.2	1.2
Brokers' commissions on sale of structures	48.8	53.7	55.4	47.4	50.9	50.1
Net purchases of used structures	-3.0	-3.4	-3.2	-2.9	-3.1	-2.8
Residual .....	.....	.....	.....	-0.3	-1.0	-1.0

1. Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for their own use.
2. Consists of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.
3. Consists of hotels and motels, buildings used primarily for social and recreational activities, and buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.
4. Consists primarily of streets, dams and reservoirs, sewer and water facilities, parks, and airfields.
5. Consists primarily of dormitories and of fraternity and sorority houses.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table B.6.—Private Fixed Investment in Equipment and Software by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
Private fixed investment in equipment and software	827.1	899.9	988.9	883.7	987.3	1,096.9
Nonresidential equipment and software	818.9	891.1	979.5	875.4	978.3	1,087.4
Information processing equipment and software	363.4	399.7	466.5	429.3	506.2	609.5
Computers and peripheral equipment ¹	84.2	90.8	109.3	147.7	208.6	290.3
Software ²	140.1	159.8	183.1	147.1	167.3	187.6
Communication equipment	81.2	93.4	116.8	85.6	102.1	131.4
Instruments	36.3	37.7	38.8	36.1	37.5	38.3
Photocopy and related equipment	13.7	10.8	11.0	13.9	10.9	11.1
Office and accounting equipment	8.0	7.2	7.4	8.0	7.3	7.5
Industrial equipment	147.6	149.3	166.7	145.6	146.4	162.6
Fabricated metal products	12.7	12.9	13.0	12.7	13.0	13.1
Engines and turbines	4.7	5.4	8.1	4.6	5.1	7.6
Metalworking machinery	34.9	34.5	35.8	34.5	33.9	35.0
Special industry machinery, n.e.c.	37.1	38.2	48.7	36.4	37.0	47.1
General industrial, including materials handling, equipment	34.7	33.7	36.0	34.0	32.8	34.7
Electrical transmission, distribution, and industrial apparatus	23.5	24.7	25.2	23.4	24.6	24.9
Transportation equipment	168.2	199.1	195.9	168.2	197.6	192.7
Trucks, buses, and truck trailers	98.1	116.6	114.2	100.0	116.7	113.2
Autos	40.5	43.4	41.0	39.2	42.9	41.3
Aircraft	20.0	28.9	30.1	19.7	28.1	28.0
Ships and boats	2.6	2.8	3.7	2.5	2.6	3.4
Railroad equipment	7.0	7.5	7.0	7.1	7.6	7.0
Other equipment	143.7	146.2	154.3	141.1	142.4	149.3
Furniture and fixtures	35.9	38.3	42.1	35.1	37.3	40.6
Tractors	14.9	13.1	14.2	14.7	12.8	13.8
Agricultural machinery, except tractors	12.8	10.0	11.4	12.5	9.7	10.9
Construction machinery, except tractors	20.9	22.0	19.2	20.2	20.8	18.0
Mining and oilfield machinery	4.7	5.8	7.9	4.5	5.5	7.4
Service industry machinery	15.4	16.2	16.2	15.0	15.6	15.5
Electrical equipment, n.e.c.	14.1	14.4	15.2	14.5	14.9	16.0
Other	24.9	26.3	28.2	24.5	25.7	27.3
Less: Sale of equipment scrap, excluding autos	3.9	3.3	4.0	4.5	4.2	4.5
Residential equipment	8.2	8.8	9.4	8.3	9.0	9.6
Residual .....	.....	.....	.....	-13.6	-37.8	-79.2
Addenda:						
Private fixed investment in equipment and software	827.1	899.9	988.9	.....	.....	.....
Less: Dealers' margin on used equipment	8.2	8.5	9.3	.....	.....	.....
Net purchases of used equipment from government	1.2	1.0	1.0	.....	.....	.....
Plus: Net sales of used equipment	39.4	41.1	42.8	.....	.....	.....
Net exports of used equipment	0.5	0.4	0.5	.....	.....	.....
Sale of equipment scrap	4.0	3.4	4.1	.....	.....	.....
Equals: Private fixed investment in new equipment and software	861.7	935.4	1,025.9	.....	.....	.....

1. Includes new computers and peripheral equipment only. Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component.
2. Excludes software "embedded," or bundled, in computers and other equipment.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

n.e.c. Not elsewhere classified.

Table B.7.—Compensation and Wage and Salary Accruals by Industry
 (Millions of dollars)

	Compensation			Wage and salary accruals				Compensation			Wage and salary accruals		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Total	4,989,641	5,310,732	5,715,222	4,192,105	4,477,368	4,837,192							
Domestic industries	4,994,637	5,315,840	5,720,399	4,197,101	4,482,476	4,842,369							
Private industries	4,079,585	4,361,701	4,711,427	3,504,384	3,758,205	4,073,930							
Agriculture, forestry, and fishing ...	46,375	49,788	51,610	40,816	43,649	45,488							
Farms.....	18,648	19,341	19,539	16,193	16,478	16,782							
Agricultural services, forestry, and fishing.....	27,727	30,447	32,071	24,623	27,171	28,706							
Mining	35,779	34,287	36,427	30,532	29,292	31,215							
Metal mining.....	2,963	2,907	2,583	2,478	2,439	2,154							
Coal mining.....	5,510	5,176	4,853	4,642	4,367	4,086							
Oil and gas extraction.....	22,041	20,766	23,437	18,918	17,828	20,214							
Nonmetallic minerals, except fuels.....	5,265	5,438	5,554	4,494	4,658	4,761							
Construction	246,190	272,859	298,156	210,354	233,754	256,824							
Manufacturing	896,419	926,346	979,364	755,463	782,661	830,127							
Durable goods.....	562,754	586,031	625,200	472,686	493,489	528,192							
Lumber and wood products.....	27,167	28,684	29,114	23,087	24,455	24,825							
Furniture and fixtures.....	17,734	18,751	19,679	15,066	15,983	16,797							
Stone, clay, and glass products.....	24,589	25,805	27,587	20,603	21,702	23,272							
Primary metal industries.....	36,802	37,238	38,039	30,400	30,849	31,558							
Fabricated metal products.....	64,630	66,579	69,261	54,195	56,007	58,364							
Industrial machinery and equipment.....	117,081	121,437	132,421	100,563	104,448	114,214							
Electronic and other electric equipment.....	91,371	97,908	114,128	77,279	82,960	97,395							
Motor vehicles and equipment.....	65,120	68,747	70,240	51,558	54,739	56,059							
Other transportation equipment.....	51,999	51,930	51,495	43,375	43,373	42,970							
Products and related products.....	51,454	53,497	57,158	44,170	45,985	49,196							
Miscellaneous manufacturing industries.....	14,807	15,455	16,078	12,390	12,988	13,542							
Nondurable goods.....	333,665	340,315	354,164	282,777	289,172	301,935							
Food and kindred products.....	64,862	66,427	69,907	55,078	56,587	59,790							
Tobacco products.....	2,787	2,755	2,928	2,188	2,168	2,324							
Textile mill products.....	18,796	18,255	18,020	16,148	15,705	15,515							
Apparel and other textile products.....	19,288	18,449	17,706	16,462	15,749	15,102							
Paper and allied products.....	33,777	34,486	34,956	28,985	29,679	30,144							
Printing and publishing.....	67,514	69,705	73,078	58,080	60,182	63,287							
Chemicals and allied products.....	74,124	77,226	83,376	61,659	64,401	69,945							
Petroleum and coal products.....	10,254	10,035	9,759	8,475	8,286	8,064							
Rubber and miscellaneous plastics products.....	39,718	40,501	41,988	33,523	34,290	35,661							
Leather and leather products.....	2,545	2,476	2,446	2,179	2,125	2,103							
Transportation and public utilities ..	321,871	349,835	374,286	266,520	291,993	313,297							
Transportation.....	176,899	187,689	197,912	145,060	155,130	164,068							
Railroad transportation.....	16,946	17,118	16,714	12,602	12,790	12,427							
Local and interurban passenger transit.....	11,245	11,938	12,717	9,541	10,180	10,868							
Trucking and warehousing ¹	66,363	70,608	74,050	54,694	58,632	61,654							
Water transportation.....	8,785	9,066	9,642	7,311	7,587	8,095							
Transportation by air ¹	55,055	59,506	63,680	45,129	49,284	52,900							
Pipelines, except natural gas.....	993	996	1,014	844	847	864							
Transportation services.....	17,512	18,457	20,095	14,939	15,810	17,260							
Public utilities.....													
Communications	89,306	103,592	114,048	74,901	87,653	96,682							
Telephone and telegraph.....	67,147	78,628	86,831	56,012	66,288	73,359							
Radio and television.....	22,159	24,964	27,217	18,889	21,365	23,323							
Electric, gas, and sanitary services.....	55,666	58,554	62,326	46,559	49,210	52,547							
Wholesale trade	335,828	359,562	385,575	288,747	309,351	332,685							
Retail trade	448,698	478,448	510,440	392,550	420,555	449,628							
Finance, insurance, and real estate	427,064	458,737	498,251	368,061	396,320	432,275							
Depository institutions.....	94,748	98,455	99,805	80,039	83,345	84,567							
Nondepository institutions.....	38,489	40,693	41,464	32,861	34,767	35,511							
Security and commodity brokers.....	93,919	107,255	131,202	83,772	95,794	117,566							
Insurance carriers.....	86,513	91,244	94,392	73,491	77,640	80,512							
Insurance agents, brokers, and service.....	36,703	38,702	41,041	31,909	33,703	35,823							
Real estate.....	53,850	57,611	61,865	46,464	49,806	53,667							
Holding and other investment offices.....	22,842	24,777	28,482	19,525	21,265	24,629							
Services	1,321,361	1,431,839	1,577,318	1,151,341	1,250,630	1,382,391							
Hotels and other lodging places.....	42,801	46,302	49,465	37,180	40,334	43,231							
Personal services.....	26,861	28,433	30,063	23,868	25,314	26,813							
Business services.....	301,202	351,894	412,399	264,150	309,539	364,013							
Auto repair, services, and parking.....	34,235	36,982	39,863	30,181	32,596	35,215							
Miscellaneous repair services.....	13,264	13,531	13,967	11,616	11,886	12,288							
Motion pictures.....	21,776	22,496	23,892	19,152	19,779	21,060							
Amusement and recreation services.....	43,513	47,211	51,309	37,871	41,265	44,974							
Health services.....	393,083	408,364	429,364	335,777	349,579	368,695							
Legal services.....	67,834	72,151	79,036	59,690	63,581	69,828							
Educational services.....	62,390	66,820	72,549	53,986	57,990	63,174							
Social services and membership organizations.....	106,341	114,661	125,465	94,288	101,954	111,882							
Social services.....	55,337	59,254	64,859	47,763	51,347	56,424							
Membership organizations.....	51,004	55,407	60,606	46,525	50,607	55,458							
Other services ²	194,081	210,280	236,375	169,942	184,423	207,984							
Private households.....	13,980	12,714	13,571	13,640	12,390	13,234							
Government	915,052	954,139	1,008,972	692,717	724,271	768,439							
Federal.....	270,161	277,790	293,671	179,496	184,409	195,572							
General government.....	215,262	221,797	233,438	142,513	146,668	154,814							
Civilian.....	129,828	134,869	142,648	87,614	90,624	96,646							
Military ³	85,434	86,928	90,790	54,899	56,044	58,168							
Government enterprises.....	54,899	55,993	60,233	36,983	37,741	40,758							
State and local.....	644,891	676,349	715,301	513,221	539,862	572,867							
General government.....	604,420	634,016	670,666	480,474	505,516	536,529							
Education.....	323,707	340,484	361,349	255,411	269,490	286,883							
Other.....	280,713	293,532	309,317	225,063	236,026	249,646							
Government enterprises.....	40,471	42,333	44,635	32,747	34,346	36,338							
Rest of the world	-4,996	-5,108	-5,177	-4,996	-5,108	-5,177							
Receipts from the rest of the world.....	1,934	2,210	2,341	1,934	2,210	2,341							
Less: Payments to the rest of the world ⁴	6,930	7,318	7,518	6,930	7,318	7,518							

Table B.8.—Employment by Industry
[Thousands]

	Full-time and part-time employees			Persons engaged in production ¹				Full-time and part-time employees			Persons engaged in production ¹		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Total	133,456	136,368	139,350	129,742	132,204	134,917	Water transportation.....	185	188	194	185	185	191
Domestic industries	133,968	136,872	139,861	130,181	132,636	135,355	Transportation by air ²	1,199	1,245	1,296	1,123	1,163	1,215
Private industries	111,706	114,333	116,865	111,577	113,897	116,253	Pipelines, except natural gas.....	13	13	13	13	13	13
Agriculture, forestry, and fishing	2,188	2,294	2,321	3,345	3,389	3,338	Transportation services.....	471	476	488	465	474	476
Farms.....	880	923	890	1,705	1,693	1,635	Communications.....	1,477	1,553	1,668	1,365	1,423	1,524
Agricultural services, forestry, and fishing.....	1,308	1,371	1,431	1,640	1,696	1,703	Telephone and telegraph.....	1,046	1,107	1,197	960	1,011	1,089
Mining	594	540	541	602	545	546	Radio and television.....	431	446	471	405	412	435
Metal mining.....	49	44	40	49	45	42	Electric, gas, and sanitary services.....	861	863	857	853	860	851
Coal mining.....	93	87	79	93	86	77	Wholesale trade	6,918	6,995	7,113	6,923	7,018	7,107
Oil and gas extraction.....	340	296	308	349	304	315	Retail trade	22,991	23,542	24,060	20,407	20,954	21,432
Nonmetallic minerals, except fuels.....	112	113	114	111	110	112	Finance, insurance, and real estate	7,533	7,713	7,758	7,631	7,817	7,855
Construction	6,296	6,704	7,007	7,602	8,023	8,368	Depository institutions.....	2,046	2,049	2,038	1,933	1,928	1,906
Manufacturing	18,923	18,669	18,571	18,933	18,659	18,511	Nondepository institutions.....	662	708	686	643	690	667
Durable goods.....	11,270	11,177	11,185	11,349	11,222	11,220	Security and commodity brokers.....	681	728	797	732	797	873
Lumber and wood products.....	840	857	849	896	915	899	Insurance carriers.....	1,574	1,608	1,588	1,501	1,526	1,500
Furniture and fixtures.....	534	550	559	543	562	570	Insurance agents, brokers, and service.....	788	795	802	881	873	895
Stone, clay, and glass products.....	566	572	583	569	573	581	Real estate.....	1,532	1,567	1,583	1,704	1,759	1,766
Primary metal industries.....	715	698	700	711	697	696	Holding and other investment offices.....	250	258	264	237	244	248
Fabricated metal products.....	1,517	1,529	1,544	1,514	1,517	1,537	Services	39,584	40,978	42,380	39,479	40,640	42,080
Industrial machinery and equipment.....	2,211	2,142	2,122	2,211	2,136	2,109	Hotels and other lodging places.....	1,869	1,934	1,979	1,697	1,758	1,816
Electronic and other electric equipment.....	1,710	1,670	1,719	1,700	1,656	1,705	Personal services.....	1,339	1,363	1,387	1,803	1,831	1,879
Motor vehicles and equipment.....	997	1,023	1,021	995	1,018	1,019	Business services.....	8,779	9,437	10,074	8,987	9,566	10,222
Other transportation equipment.....	900	874	836	903	872	834	Auto repair, services, and parking.....	1,273	1,326	1,368	1,520	1,557	1,591
Instruments and related products.....	873	854	845	865	841	838	Miscellaneous repair services.....	395	391	382	591	553	539
Miscellaneous manufacturing industries.....	407	408	407	442	435	432	Motion pictures.....	592	612	609	644	659	652
Nondurable goods.....	7,653	7,492	7,386	7,584	7,437	7,291	Amusement and recreation services.....	1,728	1,783	1,858	1,496	1,547	1,637
Food and kindred products.....	1,695	1,696	1,699	1,673	1,679	1,674	Health services.....	10,222	10,356	10,485	9,526	9,644	9,772
Tobacco products.....	40	37	35	39	36	34	Legal services.....	1,114	1,142	1,164	1,225	1,219	1,223
Textile mill products.....	597	560	533	598	556	535	Educational services.....	2,271	2,355	2,447	2,100	2,169	2,269
Paper and allied products.....	769	697	641	774	708	617	Social services and membership organizations.....	5,195	5,388	5,583	5,025	5,189	5,356
Apparel and other textile products.....	679	669	656	672	664	650	Social services.....	2,751	2,859	2,992	2,993	3,086	3,201
Printing and publishing.....	1,593	1,575	1,569	1,577	1,556	1,544	Membership organizations.....	2,444	2,529	2,591	2,032	2,103	2,155
Chemicals and allied products.....	1,040	1,037	1,039	1,026	1,026	1,030	Other services ³	3,527	3,640	3,836	3,983	4,086	4,291
Petroleum and coal products.....	135	131	126	134	131	125	Private households.....	1,280	1,251	1,208	882	862	833
Rubber and miscellaneous plastics products.....	1,018	1,011	1,016	1,006	1,001	1,006	Government	22,262	22,539	22,996	18,604	18,739	19,102
Leather and leather products.....	87	79	72	85	80	76	Federal.....	5,194	5,139	5,235	4,207	4,164	4,262
Transportation and public utilities	6,679	6,898	7,114	6,655	6,852	7,016	General government.....	4,200	4,147	4,260	3,416	3,370	3,478
Transportation.....	4,341	4,482	4,589	4,437	4,569	4,641	Civilian.....	1,878	1,856	1,976	1,845	1,821	1,931
Railroad transportation.....	223	223	213	211	211	202	Military ⁴	2,322	2,291	2,284	1,571	1,549	1,547
Local and interurban passenger transit.....	473	489	500	486	503	503	Government enterprises.....	994	992	975	791	794	784
Trucking and warehousing ²	1,777	1,848	1,885	1,954	2,020	2,041	State and local.....	17,068	17,400	17,761	14,397	14,575	14,840
							General government.....	16,227	16,546	16,891	13,528	13,699	13,953
							Education.....	8,928	9,148	9,382	7,226	7,359	7,556
							Other.....	7,299	7,398	7,509	6,302	6,340	6,397
							Government enterprises.....	841	854	870	869	876	887
							Rest of the world ⁵	-512	-504	-511	-439	-432	-438

1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid family workers are not included.
2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.
3. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.

4. Includes Coast Guard.
5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

NOTE.—Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

Table B.9.—Wage and Salary Accruals Per Full-Time Equivalent Employee and Full-Time Equivalent Employees by Industry

	Wage and salary accruals per full-time equivalent			Full-time equivalent employees ¹				Wage and salary accruals per full-time equivalent			Full-time equivalent employees ¹		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Total	35,109	36,675	38,706	119,401	122,083	124,973							
Domestic industries	35,023	36,587	38,612	119,840	122,515	125,411							
Private industries	34,616	36,215	38,322	101,236	103,776	106,309							
Agriculture, forestry, and fishing	20,625	21,168	21,922	1,979	2,062	2,075							
Farms	21,476	20,832	21,995	754	791	763							
Agricultural services, forestry, and fishing	20,100	21,378	21,880	1,225	1,271	1,312							
Mining	52,460	55,372	58,896	582	529	530							
Metal mining	50,571	55,432	53,850	49	44	40							
Coal mining	51,011	51,376	53,065	91	85	77							
Oil and gas extraction	56,811	61,476	66,934	333	290	302							
Nonmetallic minerals, except fuels	41,229	42,345	42,892	109	110	111							
Construction	34,638	36,140	37,896	6,073	6,468	6,777							
Manufacturing	40,831	42,832	45,704	18,502	18,273	18,163							
Durable goods	42,607	44,850	47,974	11,094	11,003	11,010							
Lumber and wood products	28,258	29,009	30,018	817	843	827							
Furniture and fixtures	28,862	29,653	30,707	522	539	547							
Stone, clay, and glass products	36,923	38,616	40,685	558	562	572							
Primary metal industries	42,817	44,579	45,473	710	692	694							
Fabricated metal products	36,299	37,140	38,322	1,493	1,508	1,523							
Industrial machinery and equipment	46,215	49,666	54,831	2,176	2,103	2,083							
Electronic and other electric equipment	45,727	50,370	57,325	1,690	1,647	1,699							
Motor vehicles and equipment	52,184	53,877	55,285	988	1,016	1,014							
Other transportation equipment	48,627	50,084	51,896	892	866	828							
Instruments and related products	51,420	55,006	59,059	859	836	833							
Miscellaneous manufacturing industries	31,851	33,217	34,723	389	391	390							
Nondurable goods	38,172	39,776	42,211	7,408	7,270	7,153							
Food and kindred products	33,401	34,150	36,018	1,649	1,657	1,660							
Tobacco products	56,103	60,222	68,353	39	36	34							
Textile mill products	27,323	28,451	29,440	591	552	527							
Apparel and other textile products	22,126	23,332	25,254	744	675	598							
Paper and allied products	43,197	44,900	46,519	671	661	648							
Printing and publishing	39,323	41,080	43,258	1,477	1,465	1,463							
Chemicals and allied products	60,391	62,953	68,239	1,021	1,023	1,025							
Petroleum and coal products	63,722	63,738	64,512	133	130	125							
Rubber and miscellaneous plastics products	33,557	34,462	35,590	999	995	1,002							
Leather and leather products	25,940	27,961	29,620	84	76	71							
Transportation and public utilities	42,808	45,453	47,347	6,226	6,424	6,617							
Transportation	35,924	37,210	38,450	4,038	4,169	4,267							
Railroad transportation	59,725	60,616	61,520	211	211	202							
Local and interurban passenger transit	22,086	22,774	23,781	432	447	457							
Trucking and warehousing ²	32,948	33,970	35,031	1,660	1,726	1,760							
Wholesale trade	43,604	45,980	48,731	6,622	6,728	6,827							
Retail trade	20,603	21,447	22,260	19,053	19,609	20,199							
Finance, insurance, and real estate	52,415	55,391	60,348	7,022	7,155	7,163							
Depository institutions	41,492	43,364	44,439	1,929	1,922	1,903							
Nondepository institutions	52,326	52,046	55,056	628	668	645							
Security and commodity brokers	129,678	139,438	156,964	646	687	749							
Insurance carriers	48,961	50,878	53,675	1,501	1,526	1,500							
Insurance agents, brokers, and service	43,120	45,361	48,020	740	743	746							
Real estate	34,649	36,488	39,116	1,341	1,365	1,372							
Holding and other investment offices	82,384	87,152	99,310	237	244	248							
Services	32,730	34,238	36,419	35,177	36,528	37,958							
Hotels and other lodging places	22,629	23,601	24,605	1,643	1,709	1,757							
Personal services	20,313	21,025	21,835	1,175	1,204	1,228							
Business services	32,340	35,231	38,618	8,168	8,786	9,426							
Auto repair, services, and parking	24,902	25,686	26,779	1,212	1,269	1,315							
Miscellaneous repair services	31,565	32,475	34,228	368	366	359							
Motion pictures	41,011	40,781	43,423	467	485	485							
Amusement and recreation services	27,167	28,478	29,356	1,394	1,449	1,532							
Health services	36,789	37,776	39,269	9,127	9,254	9,389							
Legal services	60,232	62,580	67,402	991	1,016	1,036							
Educational services	27,115	28,042	29,356	1,991	2,068	2,152							
Social services and membership organizations	21,131	21,968	23,193	4,462	4,641	4,824							
Social services	19,656	20,231	21,141	2,430	2,538	2,669							
Membership organizations	22,896	24,064	25,735	2,032	2,103	2,155							
Other services ³	51,544	53,941	57,422	3,297	3,419	3,622							
Private households	15,465	14,374	15,887	882	862	833							
Government	37,235	38,650	40,228	18,604	18,739	19,102							
Federal	42,666	44,287	45,887	4,207	4,164	4,262							
General government	41,719	43,522	44,512	3,416	3,370	3,478							
Civilian	47,487	49,766	50,050	1,845	1,821	1,931							
Military ⁴	34,945	36,181	37,601	1,571	1,549	1,547							
Government enterprises	46,755	47,533	51,987	791	794	784							
State and local	35,648	37,040	38,603	14,397	14,575	14,840							
General government	35,517	36,902	38,453	13,528	13,699	13,953							
Education	35,346	36,620	37,968	7,226	7,359	7,556							
Other	35,713	37,228	39,025	6,302	6,340	6,397							
Government enterprises	37,684	39,208	40,967	869	876	887							
Rest of the world⁵ .....	.....	.....	.....	-439	-432	-438							

1. Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employees on part-time schedules converted to a full-time basis. The number of full-time equivalent employees in each industry is the product of the total number of employees and the ratio of average weekly hours per employee for all employees to average weekly hours per employee on full-time schedules.

2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

3. Consists of museums, botanical and zoological gardens; engineering and management services; and

services, not elsewhere classified.

4. Includes Coast Guard.

5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

NOTE.—Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

Table B.10.—Farm Sector Output, Gross Product, and National Income

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
Farm output	214.6	208.3	214.7	238.5	244.3	248.4
Cash receipts from farm marketings	197.6	192.2	199.8	219.8	226.2	232.4
Crops	103.3	96.5	100.2	121.5	125.4	131.2
Livestock	94.2	95.7	99.6	98.3	100.9	101.8
Farm housing	6.7	7.2	7.7	6.0	6.2	6.2
Farm products consumed on farms	0.5	0.5	0.6	0.5	0.5	0.5
Other farm income	9.0	9.9	8.5	9.9	11.8	10.1
Change in farm inventories.....	0.9	-1.5	-1.8	1.6	-1.9	-2.0
Crops	1.1	-0.9	-1.2	1.8	-1.4	-2.2
Livestock	-0.3	-0.6	-0.6	-0.3	-0.6	-0.5
Less: Intermediate goods and services purchased	134.1	134.0	135.7	138.2	139.1	132.9
Intermediate goods and services, other than rent.....	118.9	120.4	121.7	122.5	125.1	119.4
Rent paid to nonoperator landlords.....	15.2	13.6	14.0	15.7	14.0	13.5
Equals: Gross farm product	80.6	74.3	79.0	100.3	106.0	120.5
Less: Consumption of fixed capital	27.3	29.3	28.6	26.7	28.0	27.0
Equals: Net farm product	53.3	45.0	50.4	73.5	77.9	98.2
Less: Indirect business tax and nontax liability	5.2	5.5	5.4	.....	.....	.....
Plus: Subsidies to operators	10.4	18.4	19.5	.....	.....	.....
Equals: Farm national income	58.5	58.0	64.5	.....	.....	.....
Compensation of employees	18.6	19.3	19.5	.....	.....	.....
Wage and salary accruals	16.2	16.5	16.8	.....	.....	.....
Supplements to wages and salaries.....	2.5	2.9	2.8	.....	.....	.....
Proprietors' income and corporate profits with inventory valuation and capital consumption adjustments.....	29.9	28.3	34.1	.....	.....	.....
Proprietors' income.....	25.6	26.6	30.6	.....	.....	.....
Corporate profits	4.3	1.7	3.5	.....	.....	.....
Net interest.....	10.0	10.3	10.9	.....	.....	.....

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table B.11.—Housing Sector Output, Gross Product, and National Income

	Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000
Housing output ¹	825.8	873.1	919.6	777.2	799.5	816.6
Nonfarm housing	819.0	865.9	912.0	771.2	793.3	810.4
Owner-occupied	625.0	664.6	702.7	588.3	609.0	625.3
Tenant-occupied	194.0	201.3	209.3	182.9	184.3	185.1
Farm housing.....	6.7	7.2	7.7	6.0	6.2	6.2
Less: Intermediate goods and services consumed	114.5	116.1	116.4	107.4	105.3	102.3
Equals: Gross housing product	711.3	757.1	803.2	669.8	694.2	714.3
Nonfarm housing	705.6	751.1	796.9	664.7	689.1	709.3
Owner-occupied	535.6	575.1	613.6	504.2	527.7	547.4
Tenant-occupied	170.0	176.0	183.4	160.5	161.4	161.9
Farm housing.....	5.6	5.9	6.3	5.1	5.1	5.1
Less: Consumption of fixed capital	133.1	143.4	153.6	125.8	130.1	133.5
Capital consumption allowances	71.9	77.4	81.8	.....	.....	.....
Less: Capital consumption adjustment	-61.2	-66.0	-71.8	.....	.....	.....
Equals: Net housing product	578.1	613.6	649.6	544.0	564.1	580.8
Less: Indirect business tax and nontax liability plus business transfer payments.....	130.5	135.8	140.8	.....	.....	.....
Plus: Subsidies less current surplus of government enterprises	24.1	23.8	23.8	.....	.....	.....
Equals: Housing national income	471.8	501.6	532.6	.....	.....	.....
Compensation of employees	9.6	10.0	10.9	.....	.....	.....
Proprietors' income with inventory valuation and capital consumption adjustments.....	20.6	18.9	17.6	.....	.....	.....
Rental income of persons with capital consumption adjustment.....	121.0	130.0	123.8	.....	.....	.....
Corporate profits with inventory valuation and capital consumption adjustments.....	4.4	4.1	4.3	.....	.....	.....
Net interest	316.2	338.6	376.0	.....	.....	.....

1. Equals personal consumption expenditures for housing less expenditures for other housing as shown in table B.4.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table B.12.—Net Stock of Private Fixed Assets; Equipment, Software, and Structures; by Type

[Yearend estimates]

	Current-cost valuation (Billions of dollars)						Chain-type quantity indexes (1996=100)					
	1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
Private fixed assets	15,908.5	16,722.5	17,653.1	18,649.6	19,767.3	21,164.8	97.30	100.00	102.96	106.36	109.92	113.67
Equipment and software	3,243.8	3,416.3	3,585.3	3,779.2	4,029.0	4,319.0	94.93	100.00	105.94	113.09	121.05	129.76
Nonresidential equipment and software	3,182.8	3,352.2	3,519.8	3,711.6	3,959.2	4,245.4	94.90	100.00	105.98	113.19	121.22	129.98
Information processing equipment and software	850.2	906.0	974.8	1,035.9	1,128.7	1,261.6	90.81	100.00	111.57	126.01	142.08	161.68
Computers and peripheral equipment	93.6	101.5	112.2	117.5	136.8	163.1	71.80	100.00	142.35	201.39	280.49	382.45
Software ¹	158.3	173.7	200.7	236.4	278.1	325.9	89.64	100.00	116.25	137.85	159.48	181.47
Communication equipment	344.3	363.8	388.2	399.9	425.6	475.6	93.40	100.00	108.02	118.26	131.54	151.03
Instruments	165.1	175.0	181.9	191.3	200.3	210.6	95.07	100.00	104.07	109.35	114.71	119.88
Photocopy and related equipment	68.8	71.5	70.2	69.2	66.6	65.7	99.22	100.00	99.34	99.11	95.18	92.15
Office and accounting equipment	20.1	20.5	21.6	21.5	21.3	20.7	97.17	100.00	105.39	106.55	104.45	102.82
Industrial equipment	1,075.1	1,119.1	1,156.9	1,199.5	1,239.4	1,288.1	97.07	100.00	102.97	106.11	109.13	113.20
Fabricated metal products	95.6	98.7	98.6	99.3	99.9	100.9	98.06	100.00	100.28	101.26	102.57	103.81
Engines and turbines	55.8	57.3	58.5	59.3	61.3	64.5	99.35	100.00	100.11	100.99	102.69	108.48
Steam engines	49.5	50.4	51.2	51.5	52.8	55.7	99.89	100.00	99.28	99.44	100.32	106.41
Internal combustion engines	6.4	6.9	7.3	7.8	8.5	8.8	95.40	100.00	106.25	112.51	120.24	123.85
Metalworking machinery	209.2	219.2	227.8	237.8	246.1	254.9	96.54	100.00	103.54	107.42	110.69	114.06
Special industry machinery, n.e.c.	240.5	253.1	262.1	274.3	285.2	303.3	96.72	100.00	103.09	106.33	109.60	116.07
General industrial, including materials handling, equipment	225.3	234.9	243.0	253.1	260.2	268.6	97.21	100.00	102.69	105.84	108.26	111.15
Electrical transmission, distribution, and industrial apparatus	248.7	255.9	266.8	275.6	286.8	295.9	96.87	100.00	104.29	108.04	112.13	116.14
Transportation equipment	650.5	690.4	716.5	764.2	840.4	905.1	95.20	100.00	104.95	111.35	120.89	128.16
Trucks, buses, and truck trailers	234.1	260.8	283.0	321.8	370.9	404.8	89.85	100.00	111.12	125.02	142.24	155.01
Autos	150.0	159.0	159.9	157.8	161.2	162.8	95.59	100.00	101.49	100.75	102.63	103.14
Aircraft	143.6	147.1	149.6	158.5	177.8	203.1	100.14	100.00	101.56	106.89	117.15	126.64
Ships and boats	45.9	46.5	46.9	46.9	48.1	50.0	101.57	100.00	99.16	98.31	98.75	99.62
Railroad equipment	76.9	77.1	77.1	79.1	82.3	84.4	99.38	100.00	101.34	103.91	107.43	109.51
Other equipment	607.1	636.8	671.6	712.0	750.6	790.6	96.73	100.00	104.58	110.18	115.22	120.50
Furniture and fixtures	169.7	178.2	189.3	200.4	214.2	230.3	96.85	100.00	104.92	111.13	117.88	125.53
Household furniture	8.8	9.0	9.1	9.3	9.6	10.0	99.46	100.00	100.37	102.37	105.63	109.85
Other furniture	160.9	169.2	180.2	191.1	204.6	220.3	96.71	100.00	105.16	111.59	118.53	126.35
Tractors	57.9	59.3	63.4	67.8	69.7	72.0	98.45	100.00	106.36	112.79	115.39	119.03
Farm tractors	47.6	48.6	51.7	54.9	55.5	57.3	98.53	100.00	105.88	111.71	112.85	116.29
Construction tractors	10.3	10.6	11.7	13.0	14.2	14.7	98.06	100.00	108.56	117.67	126.72	131.26
Agricultural machinery, except tractors	72.6	74.9	77.2	79.9	79.9	80.7	98.44	100.00	102.00	104.37	103.19	103.31
Construction machinery, except tractors	76.8	82.1	87.2	94.0	100.8	103.2	95.48	100.00	104.53	110.53	116.37	118.38
Mining and oilfield machinery	16.5	16.6	18.1	19.3	21.4	25.0	101.57	100.00	106.90	113.17	123.36	141.17
Service industry machinery	64.6	68.8	72.1	75.6	78.8	81.7	96.61	100.00	103.57	107.69	111.86	115.54
Electrical equipment, n.e.c.	43.4	44.7	46.9	50.9	53.9	57.4	96.01	100.00	106.49	116.43	125.44	134.96
Household appliances	2.9	2.9	2.8	2.9	2.9	2.9	100.22	100.00	99.49	100.73	102.01	104.26
Other	40.5	41.9	44.1	48.0	51.1	54.4	95.72	100.00	106.97	117.51	127.06	137.08
Other nonresidential equipment	105.5	112.2	117.4	124.2	132.0	140.3	95.88	100.00	104.39	109.56	115.03	120.86
Residential equipment	61.0	64.1	65.5	67.6	69.9	73.6	96.41	100.00	103.62	107.61	112.42	117.90
Structures	12,664.6	13,306.3	14,067.9	14,870.4	15,738.3	16,845.8	97.92	100.00	102.21	104.70	107.25	109.89
Nonresidential structures	4,941.4	5,175.0	5,487.0	5,746.2	6,027.6	6,448.2	98.31	100.00	102.04	104.33	106.43	108.79
Nonresidential buildings, excluding farm	3,125.1	3,285.6	3,498.9	3,740.8	3,986.0	4,287.6	97.71	100.00	102.71	105.66	108.42	111.44
Industrial buildings	700.4	729.2	765.4	806.4	839.5	881.2	98.67	100.00	101.24	102.57	102.83	103.15
Office buildings ²	723.1	756.3	804.9	865.5	931.3	1,015.7	98.17	100.00	102.63	106.13	109.95	114.59
Commercial buildings	796.6	843.8	902.7	965.3	1,031.4	1,111.2	96.99	100.00	103.19	106.22	109.28	112.49
Mobile structures	8.3	8.6	8.9	9.3	9.9	10.4	97.98	100.00	102.63	106.13	109.34	112.96
Other commercial ³	788.4	835.2	893.7	956.0	1,021.4	1,100.8	96.98	100.00	103.20	106.22	109.28	112.49
Religious buildings	140.2	145.7	153.9	163.5	173.9	186.5	98.82	100.00	101.88	104.09	106.57	109.21
Educational buildings	129.2	137.9	149.7	163.7	177.2	194.6	96.23	100.00	104.61	110.04	114.76	120.36
Hospital and institutional buildings	311.9	327.7	348.7	371.1	393.3	420.3	97.81	100.00	102.61	105.08	107.25	109.51
Other	323.7	345.1	373.6	405.3	439.3	478.1	96.46	100.00	104.49	109.23	114.11	118.72
Hotels and motels	164.1	177.5	194.8	215.3	237.3	261.8	95.07	100.00	105.90	112.59	119.40	125.86
Amusement and recreational buildings	86.6	92.7	101.0	109.8	119.3	129.5	96.01	100.00	105.11	109.88	114.96	119.20
Other nonfarm buildings ⁴	73.0	75.0	77.7	80.3	82.8	86.8	100.32	100.00	100.35	100.42	100.44	101.07
Utilities	1,190.2	1,229.0	1,264.7	1,283.0	1,311.0	1,368.0	99.13	100.00	100.87	102.20	103.65	105.12
Railroad	287.5	299.2	301.2	295.4	287.0	286.7	100.62	100.00	99.54	99.33	98.67	98.03
Telecommunications	219.3	235.3	239.5	243.0	253.1	268.9	97.93	100.00	102.15	104.16	108.58	112.93
Electric light and power	478.0	483.4	503.9	512.7	528.9	558.8	99.19	100.00	101.01	101.85	103.03	104.79
Gas	163.7	168.9	176.7	187.6	196.2	206.0	97.83	100.00	101.34	105.96	107.90	108.70
Petroleum pipelines	41.7	42.1	43.4	44.3	45.9	47.7	99.97	100.00	99.85	100.34	101.25	100.98
Farm related buildings and structures	200.0	204.4	210.7	218.1	225.0	235.1	100.53	100.00	99.42	99.00	98.37	98.19
Mining exploration, shafts, and wells	287.3	311.2	360.8	347.4	342.4	383.9	100.06	100.00	101.65	102.77	102.23	102.74
Petroleum and natural gas	254.5	277.4	325.5	311.2	305.3	345.2	100.12	100.00	101.82	103.17	102.74	103.34
Other mining	32.8	33.8	35.2	36.2	37.1	38.7	99.54	100.00	100.25	99.25	97.93	97.64
Other nonfarm structures ⁵	138.7	144.8	152.1	156.9	163.2	173.5	98.20	100.00	101.40	102.97	104.62	106.35
Residential structures	7,723.3	8,131.2	8,580.8	9,124.2	9,710.7	10,397.6	97.67	100.00	102.31	104.95	107.77	110.60
Housing units	6,301.5	6,624.6	6,995.2	7,449.5	7,928.8	8,484.6	97.75	100.00	102.25	104.85	107.65	110.37
Permanent site	6,169.1	6,483.0	6,845.0	7,289.1	7,758.1	8,308.6	97.80	100.00	102.19	104.75	107.51	110.25
1-to-4-unit	5,383.9	5,663.1	5,959.4	6,334.9	6,739.6	7,265.4	97.59	100.00	102.38	105.18	108.19	111.18
5-or-more-unit	785.2	819.9	885.6	954.2	1,018.5	1,043.2	99.23	100.00	100.94	101.92	103.10	104.19
Manufactured homes	132.4	141.6	150.2	160.4	170.7	176.0	95.46	100.00	104.68	109.71	113.98	115.83
Improvements	1,392.8	1,477.1	1,555.1	1,642.9	1,748.4	1,877.3						

C. Historical Measures

This table is derived from the "GDP and Other Major NIPA Series" tables that were published in the August 2001 issue of the SURVEY OF CURRENT BUSINESS and from the "Selected NIPA Tables" that are published in this issue. (Changes in prices are calculated from indexes expressed to three decimal places.)

Table C.1.—GDP and Other Major NIPA Aggregates

[Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959	2,319.0	2,317.4	2,332.8	7.2	6.3	21.88	21.41	21.88	21.88	1.1	1.1	1.1	1.1
1960	2,376.7	2,378.5	2,391.9	2.5	2.6	22.19	21.71	22.19	22.18	1.4	1.4	1.4	1.4
1961	2,432.0	2,435.5	2,448.8	2.3	2.4	22.43	21.94	22.44	22.43	1.1	1.1	1.1	1.1
1962	2,578.9	2,569.5	2,598.0	6.0	5.5	22.74	22.23	22.74	22.74	1.4	1.3	1.4	1.4
1963	2,690.4	2,683.6	2,710.8	4.3	4.4	22.99	22.50	23.00	22.99	1.1	1.2	1.1	1.1
1964	2,846.5	2,844.1	2,868.5	5.8	6.0	23.34	22.85	23.34	23.34	1.5	1.6	1.5	1.5
1965	3,028.5	3,008.5	3,051.7	6.4	5.8	23.77	23.26	23.78	23.77	1.9	1.8	1.9	1.9
1966	3,227.5	3,191.1	3,248.9	6.6	6.1	24.45	23.91	24.46	24.45	2.8	2.8	2.9	2.9
1967	3,308.3	3,288.2	3,330.4	2.5	3.0	25.21	24.61	25.21	25.21	3.1	2.9	3.1	3.1
1968	3,466.1	3,450.0	3,489.8	4.8	4.9	26.29	25.66	26.30	26.29	4.3	4.3	4.3	4.3
1969	3,571.4	3,555.9	3,594.1	3.0	3.1	27.59	26.92	27.59	27.59	4.9	4.9	4.9	4.9
1970	3,578.0	3,588.6	3,600.6	.2	.9	29.05	28.37	29.06	29.05	5.3	5.4	5.3	5.3
1971	3,697.7	3,688.1	3,722.9	3.3	2.8	30.52	29.84	30.52	30.52	5.0	5.2	5.0	5.1
1972	3,898.4	3,887.7	3,925.7	5.4	5.4	31.81	31.17	31.82	31.82	4.2	4.5	4.2	4.2
1973	4,123.4	4,094.3	4,161.0	5.8	5.3	33.60	32.99	33.60	33.60	5.6	5.8	5.6	5.6
1974	4,099.0	4,080.7	4,142.3	-6	-3	36.60	36.35	36.62	36.62	9.0	10.2	9.0	9.0
1975	4,084.4	4,118.5	4,117.7	-4	.9	40.03	39.69	40.03	40.03	9.4	9.2	9.3	9.3
1976	4,311.7	4,288.8	4,351.4	5.6	4.1	42.29	41.93	42.30	42.31	5.7	5.7	5.7	5.7
1977	4,511.8	4,478.8	4,556.6	4.6	4.4	45.02	44.80	45.02	45.03	6.4	6.8	6.4	6.4
1978	4,760.6	4,722.9	4,805.3	5.5	5.5	48.22	48.02	48.23	48.24	7.1	7.2	7.1	7.1
1979	4,912.1	4,894.4	4,973.9	3.2	3.6	52.24	52.26	52.25	52.26	8.3	8.8	8.3	8.3
1980	4,900.9	4,928.1	4,962.3	-2	.7	57.05	57.79	57.04	57.05	9.2	10.6	9.2	9.2
1981	5,021.0	4,989.5	5,075.4	2.5	1.2	62.37	63.05	62.37	62.38	9.3	9.1	9.3	9.3
1982	4,919.3	4,954.9	4,973.6	-2.0	-7	66.26	66.71	66.25	66.26	6.2	5.8	6.2	6.2
1983	5,132.3	5,154.5	5,184.9	4.3	4.0	68.87	69.05	68.88	68.89	3.9	3.5	4.0	4.0
1984	5,505.2	5,427.9	5,553.8	7.3	5.3	71.44	71.46	71.44	71.45	3.7	3.5	3.7	3.7
1985	5,717.1	5,698.8	5,750.9	3.8	5.0	73.69	73.56	73.69	73.70	3.2	2.9	3.2	3.2
1986	5,912.4	5,912.6	5,932.5	3.4	3.8	75.32	75.22	75.31	75.32	2.2	2.3	2.2	2.2
1987	6,113.3	6,088.8	6,130.8	3.4	3.0	77.58	77.70	77.58	77.58	3.0	3.3	3.0	3.0
1988	6,368.4	6,352.6	6,391.1	4.2	4.3	80.22	80.36	80.21	80.22	3.4	3.4	3.4	3.4
1989	6,591.8	6,565.4	6,615.5	3.5	3.3	83.27	83.45	83.27	83.28	3.8	3.8	3.8	3.8
1990	6,707.9	6,695.6	6,740.0	1.8	2.0	86.53	86.85	86.51	86.53	3.9	4.1	3.9	3.9
1991	6,676.4	6,681.5	6,703.4	-5	-2	89.66	89.81	89.66	89.67	3.6	3.4	3.6	3.6
1992	6,880.0	6,867.7	6,905.8	3.0	2.8	91.85	92.03	91.84	91.84	2.4	2.5	2.4	2.4
1993	7,062.6	7,043.8	7,087.8	2.7	2.6	94.05	94.14	94.05	94.06	2.4	2.3	2.4	2.4
1994	7,347.7	7,285.8	7,364.3	4.0	3.4	96.01	96.06	96.01	96.02	2.1	2.0	2.1	2.1
1995	7,543.8	7,512.2	7,564.0	2.7	3.1	98.10	98.20	98.10	98.11	2.2	2.2	2.2	2.2
1996	7,813.2	7,783.2	7,831.2	3.6	3.6	100.00	100.00	100.00	100.00	1.9	1.8	1.9	1.9
1997	8,159.5	8,095.2	8,168.1	4.4	4.0	101.95	101.64	101.95	101.93	1.9	1.6	1.9	1.9
1998	8,508.9	8,431.8	8,508.4	4.3	4.2	103.20	102.43	103.20	103.17	1.2	.8	1.2	1.2
1999	8,856.5	8,792.0	8,853.0	4.1	4.3	104.66	103.99	104.65	104.62	1.4	1.5	1.4	1.4
2000	9,224.0	9,167.0	9,216.4	4.1	4.3	107.04	106.70	107.04	106.99	2.3	2.6	2.3	2.3
1959: I	2,273.0	2,275.1	2,286.2	8.6	9.1	21.79	21.33	21.83	21.82	.9	1.2	.1	.1
1959: II	2,332.4	2,314.9	2,345.5	10.9	7.2	21.84	21.37	21.83	21.83	.9	.9	.1	.1
1959: III	2,331.4	2,344.3	2,345.5	-2	5.2	21.90	21.43	21.88	21.88	1.2	1.1	.9	.9
1959: IV	2,339.1	2,335.5	2,354.1	1.3	-1.5	21.99	21.52	21.98	21.98	1.7	1.7	1.8	1.8
1960: I	2,391.0	2,360.4	2,405.4	9.2	4.3	22.04	21.57	22.08	22.07	.9	.8	1.7	1.8
1960: II	2,379.2	2,382.7	2,393.9	-2.0	3.8	22.14	21.66	22.15	22.15	1.7	1.8	1.4	1.3
1960: III	2,383.6	2,380.0	2,398.9	.7	-5	22.23	21.76	22.23	22.23	1.8	1.8	1.5	1.5
1960: IV	2,352.9	2,391.1	2,369.3	-5.0	1.9	22.33	21.86	22.30	22.29	1.8	1.9	1.2	1.1
1961: I	2,366.5	2,392.9	2,383.7	2.3	.3	22.36	21.88	22.35	22.34	.5	.4	1.0	1.0
1961: II	2,410.8	2,418.3	2,427.1	7.7	4.3	22.40	21.91	22.40	22.39	.7	.5	.8	.8
1961: III	2,450.4	2,437.7	2,467.2	6.8	3.2	22.45	21.96	22.46	22.45	.9	.9	1.1	1.1
1961: IV	2,500.4	2,493.2	2,517.5	8.4	9.4	22.51	22.01	22.53	22.53	1.0	.9	1.4	1.4
1962: I	2,544.0	2,522.5	2,561.0	7.2	4.8	22.64	22.13	22.67	22.67	2.4	2.2	2.5	2.5
1962: II	2,571.5	2,564.6	2,590.3	4.4	6.8	22.71	22.20	22.71	22.70	1.1	1.3	.6	.6
1962: III	2,596.8	2,586.2	2,615.7	4.0	3.4	22.77	22.26	22.76	22.75	1.1	1.0	1.0	1.0
1962: IV	2,603.3	2,604.6	2,625.1	1.0	2.9	22.84	22.34	22.83	22.83	1.4	1.4	1.3	1.3
1963: I	2,634.1	2,619.3	2,654.8	4.8	2.3	22.93	22.42	22.91	22.90	1.4	1.6	1.3	1.3
1963: II	2,668.4	2,663.9	2,688.2	5.3	7.0	22.95	22.45	22.94	22.93	.3	.4	.6	.6
1963: III	2,719.6	2,712.0	2,739.8	7.9	7.4	22.98	22.49	22.98	22.97	.6	.8	.6	.6
1963: IV	2,739.4	2,739.6	2,760.3	2.9	4.1	23.12	22.63	23.16	23.15	2.5	2.6	3.2	3.2
1964: I	2,800.5	2,799.3	2,823.2	9.2	9.0	23.20	22.72	23.22	23.22	1.4	1.5	1.2	1.2
1964: II	2,833.8	2,833.5	2,855.7	4.8	5.0	23.27	22.79	23.28	23.27	1.2	1.3	.9	.9
1964: III	2,872.0	2,868.3	2,894.7	5.5	5.0	23.39	22.90	23.37	23.37	2.0	1.8	1.6	1.6
1964: IV	2,879.5	2,875.5	2,900.5	1.0	1.0	23.49	22.99	23.49	23.48	1.8	1.7	2.0	2.0
1965: I	2,950.1	2,920.2	2,974.0	10.2	6.4	23.60	23.08	23.61	23.60	1.9	1.6	2.1	2.1
1965: II	2,989.9	2,973.2	3,014.6	5.5	7.4	23.71	23.19	23.71	23.71	1.8	1.8	1.8	1.8
1965: III	3,050.7	3,029.4	3,073.6	8.4	7.8	23.81	23.30	23.81	23.80	1.8	1.9	1.5	1.5
1965: IV	3,123.6	3,111.4	3,144.5	9.9	11.3	23.97	23.46	23.97	23.97	2.6	2.9	2.8	2.8
1966: I	3,201.1	3,165.1	3,222.6	10.3	7.1	24.11	23.59	24.13	24.12	2.4	2.1	2.6	2.6
1966: II	3,213.2	3,180.0	3,234.8	1.5	1.9	24.33	23.81	24.32	24.32	3.8	3.8	3.3	3.3
1966: III	3,233.6	3,205.0	3,254.7	2.6	3.2	24.57	24.03	24.58	24.58	4.0	3.7	4.3	4.3
1966: IV	3,261.8	3,214.5	3,283.7	3.5	1.2	24.79	24.22	24.79	24.79	3.5	3.3	3.5	3.5

Table C.1.—GDP and Other Major NIPA Aggregates—Continued
[Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1967: I	3,291.8	3,246.9	3,313.4	3.7	4.1	24.90	24.32	24.89	24.89	1.9	1.6	1.6	1.6
1967: II	3,289.7	3,281.5	3,310.7	-3	4.3	25.06	24.47	25.05	25.04	2.5	2.5	2.5	2.5
1967: III	3,313.5	3,297.4	3,336.6	2.9	2.0	25.29	24.70	25.31	25.31	3.8	3.8	4.3	4.3
1967: IV	3,338.3	3,326.9	3,360.8	3.0	3.6	25.57	24.96	25.59	25.59	4.4	4.3	4.5	4.5
1968: I	3,406.2	3,394.2	3,429.2	8.4	8.3	25.86	25.24	25.88	25.87	4.6	4.6	4.5	4.5
1968: II	3,464.8	3,428.5	3,488.3	7.1	4.1	26.15	25.51	26.14	26.14	4.5	4.2	4.1	4.1
1968: III	3,489.2	3,478.1	3,513.4	2.8	5.9	26.39	25.77	26.39	26.39	3.8	4.1	3.9	3.9
1968: IV	3,504.1	3,499.5	3,528.1	1.7	2.5	26.76	26.13	26.76	26.76	5.7	5.7	5.7	5.7
1969: I	3,558.3	3,535.0	3,582.2	6.3	4.1	27.02	26.37	27.03	27.03	3.9	3.8	4.1	4.1
1969: II	3,567.6	3,551.3	3,590.6	1.0	1.9	27.39	26.73	27.39	27.38	5.5	5.6	5.3	5.3
1969: III	3,588.3	3,569.0	3,610.3	2.3	2.0	27.79	27.11	27.79	27.79	6.0	5.8	6.0	6.0
1969: IV	3,571.4	3,568.3	3,593.3	-1.9	-1	28.15	27.46	28.15	28.15	5.3	5.3	5.3	5.3
1970: I	3,566.5	3,578.9	3,589.1	-6	1.2	28.54	27.85	28.55	28.54	5.6	5.8	5.8	5.8
1970: II	3,573.9	3,573.2	3,597.4	8	-6	28.94	28.24	28.94	28.94	5.8	5.6	5.7	5.7
1970: III	3,605.2	3,605.0	3,628.3	3.6	3.6	29.17	28.51	29.18	29.17	3.2	3.9	3.3	3.3
1970: IV	3,566.5	3,597.4	3,587.6	-4.2	-8	29.55	28.89	29.56	29.56	5.3	5.5	5.3	5.3
1971: I	3,666.1	3,643.1	3,691.3	11.6	5.2	30.00	29.31	30.00	30.00	6.1	6.0	6.1	6.1
1971: II	3,686.2	3,667.8	3,712.8	2.2	2.7	30.40	29.71	30.40	30.40	5.5	5.5	5.4	5.4
1971: III	3,714.5	3,698.9	3,738.4	3.1	3.4	30.71	30.04	30.71	30.71	4.1	4.6	4.2	4.2
1971: IV	3,723.8	3,742.5	3,749.2	1.0	4.8	30.96	30.30	30.96	30.96	3.3	3.5	3.3	3.3
1972: I	3,796.9	3,802.2	3,823.4	8.1	6.5	31.42	30.76	31.41	31.41	6.1	6.1	5.8	5.8
1972: II	3,883.8	3,862.7	3,910.0	9.5	6.5	31.61	30.98	31.61	31.61	2.5	2.9	2.6	2.6
1972: III	3,922.3	3,897.2	3,950.7	4.0	3.6	31.92	31.30	31.92	31.92	4.0	4.0	4.0	4.0
1972: IV	3,990.5	3,986.5	4,018.7	7.1	9.7	32.30	31.67	32.32	32.32	4.8	4.8	5.1	5.1
1973: I	4,092.3	4,075.5	4,125.0	10.6	9.0	32.73	32.09	32.71	32.71	5.4	5.4	4.9	4.9
1973: II	4,133.3	4,094.4	4,168.3	4.1	1.9	33.27	32.69	33.25	33.25	6.8	7.7	6.9	6.9
1973: III	4,117.0	4,100.7	4,158.0	-1.6	6	33.90	33.29	33.86	33.86	7.9	7.6	7.5	7.5
1973: IV	4,151.1	4,106.3	4,192.5	3.4	5	34.48	33.91	34.58	34.58	7.0	7.6	8.7	8.7
1974: I	4,119.3	4,101.8	4,168.1	-3.0	-4	35.18	34.80	35.20	35.20	8.4	10.9	7.4	7.4
1974: II	4,130.4	4,105.6	4,176.5	1.1	4	35.97	35.79	36.02	36.02	9.2	11.9	9.6	9.6
1974: III	4,084.5	4,089.8	4,126.5	-4.4	-1.5	37.07	36.87	37.09	37.08	12.8	12.7	12.4	12.4
1974: IV	4,062.0	4,025.8	4,098.0	-2.2	-6.1	38.20	37.93	38.20	38.19	12.7	12.0	12.5	12.5
1975: I	4,010.0	4,054.7	4,040.1	-5.0	2.9	39.08	38.76	39.08	39.08	9.6	9.0	9.6	9.6
1975: II	4,045.2	4,099.2	4,075.6	3.6	4.5	39.63	39.33	39.63	39.63	5.8	6.0	5.7	5.7
1975: III	4,115.4	4,135.9	4,148.4	7.1	3.6	40.35	39.99	40.33	40.33	7.5	7.0	7.3	7.3
1975: IV	4,167.2	4,184.3	4,206.7	5.1	4.8	41.05	40.67	41.05	41.05	7.1	6.9	7.3	7.3
1976: I	4,266.1	4,248.8	4,304.2	9.8	6.3	41.49	41.11	41.50	41.50	4.3	4.4	4.5	4.5
1976: II	4,301.5	4,264.1	4,341.2	3.4	1.4	41.93	41.56	41.92	41.92	4.3	4.5	4.1	4.1
1976: III	4,321.9	4,289.7	4,362.0	1.9	2.4	42.51	42.18	42.50	42.51	5.6	6.1	5.7	5.7
1976: IV	4,357.4	4,352.4	4,398.4	3.3	6.0	43.25	42.88	43.27	43.28	7.1	6.8	7.4	7.4
1977: I	4,410.5	4,393.8	4,457.6	5.0	3.9	43.97	43.68	43.97	43.97	6.9	7.7	6.6	6.6
1977: II	4,489.8	4,464.0	4,535.9	7.4	6.5	44.69	44.45	44.69	44.71	6.7	7.2	6.8	6.8
1977: III	4,570.6	4,509.7	4,616.4	7.4	4.2	45.32	45.14	45.23	45.25	5.8	6.4	4.9	4.9
1977: IV	4,576.1	4,547.5	4,616.6	5	3.4	46.08	45.92	46.16	46.17	6.9	7.0	8.5	8.4
1978: I	4,588.9	4,552.0	4,636.0	1.1	4	46.86	46.67	46.86	46.87	6.9	6.8	6.2	6.2
1978: II	4,765.7	4,730.8	4,804.8	16.3	16.7	47.79	47.60	47.77	47.78	8.2	8.2	8.0	8.0
1978: III	4,811.7	4,774.7	4,854.6	3.9	3.8	48.64	48.45	48.60	48.61	7.3	7.3	7.1	7.1
1978: IV	4,876.0	4,834.2	4,925.8	5.5	5.1	49.62	49.37	49.59	49.60	8.3	7.8	8.4	8.4
1979: I	4,888.3	4,855.1	4,939.6	1.0	1.7	50.58	50.38	50.55	50.56	8.0	8.4	7.9	7.9
1979: II	4,891.4	4,852.9	4,949.3	3	-2	51.73	51.58	51.71	51.72	9.4	9.9	9.5	9.5
1979: III	4,926.2	4,921.9	4,995.6	2.9	5.8	52.79	52.89	52.81	52.82	8.5	10.5	8.8	8.8
1979: IV	4,942.6	4,947.7	5,011.4	1.3	2.1	53.86	54.20	53.90	53.90	8.3	10.3	8.5	8.5
1980: I	4,958.9	4,961.4	5,028.8	1.3	1.1	55.08	55.73	55.11	55.12	9.4	11.8	9.3	9.3
1980: II	4,857.8	4,861.6	4,922.5	-7.9	-7.8	56.35	57.14	56.34	56.35	9.5	10.5	9.2	9.2
1980: III	4,850.3	4,923.9	4,911.3	-6	5.2	57.62	58.43	57.60	57.61	9.4	9.3	9.2	9.2
1980: IV	4,936.6	4,965.2	4,986.3	7.3	3.4	59.16	59.89	59.13	59.14	11.1	10.4	11.0	11.1
1981: I	5,032.5	4,985.6	5,086.4	8.0	1.7	60.67	61.42	60.66	60.67	10.6	10.7	10.8	10.8
1981: II	4,997.3	4,995.9	5,048.1	-2.8	.8	61.75	62.53	61.76	61.77	7.3	7.4	7.5	7.5
1981: III	5,056.8	5,003.5	5,110.5	4.9	6	62.95	63.56	62.95	62.97	8.0	6.7	8.0	8.0
1981: IV	4,997.1	4,972.9	5,056.8	-4.6	-2.4	64.10	64.70	64.10	64.11	7.5	7.4	7.5	7.5
1982: I	4,914.3	4,959.7	4,969.4	-6.5	-1.1	65.00	65.56	64.99	65.00	5.8	5.4	5.7	5.7
1982: II	4,935.5	4,954.2	4,996.9	1.7	-4	65.84	66.29	65.83	65.84	5.3	4.6	5.3	5.2
1982: III	4,912.1	4,916.8	4,963.4	-1.9	-3.0	66.75	67.16	66.75	66.76	5.6	5.4	5.7	5.7
1982: IV	4,915.6	4,989.1	4,964.8	.3	6.0	67.44	67.83	67.45	67.46	4.2	4.0	4.3	4.3
1983: I	4,972.4	5,036.1	5,021.5	4.7	3.8	67.98	68.22	67.95	67.96	3.3	2.3	3.0	3.0
1983: II	5,089.8	5,113.1	5,142.2	9.8	6.3	68.59	68.80	68.56	68.57	3.6	3.5	3.7	3.7
1983: III	5,180.4	5,200.3	5,233.9	7.3	7.0	69.17	69.35	69.16	69.18	3.4	3.2	3.6	3.6
1983: IV	5,286.8	5,268.5	5,342.0	8.5	5.4	69.75	69.83	69.77	69.79	3.4	2.8	3.6	3.6
1984: I	5,402.3	5,313.9	5,452.6	9.0	3.5	70.59	70.67	70.59	70.60	4.9	4.9	4.8	4.7
1984: II	5,493.8	5,410.8	5,544.3	7.0	7.5	71.18	71.25	71.16	71.17	3.4	3.3	3.3	3.3
1984: III	5,541.3	5,456.0	5,591.1	3.5	3.4	71.74	71.72	71.73	71.74	3.2	2.7	3.2	3.2
1984: IV	5,583.1	5,531.0	5,627.1	3.1	5.6	72.24	72.18	72.24	72.25	2.8	2.5	2.9	2.9
1985: I	5,629.7	5,619.8	5,664.3	3.4	6.6	73.01	72.80	73.00	73.01	4.3	3.5	4.3	4.2
1985: II	5,673.8	5,657.0	5,710.9	3.2	2.7	73.49	73.32	73.50	73.50	2.7	2.8	2.7	2.8
1985: III	5,758.6	5,746.0	5,788.6	6.1	6.4	73.88	73.73	73.85	73.86	2.1	2.3	2.0	1.9
1985: IV	5,806.0	5,772.5	5,839.6	3.3	1.9	74.40	74.38	74.39	74.40	2.9	3.6	3.0	3.0
1986: I	5,858.9	5,828.7	5,887.3	3.7	3.9	74.69	74.71	74.68	74.69	1.5	1.8	1.5	1.5
1986: II	5,883.3	5,872.6	5,901.9	1.7	3.1	75.04	74.85	75.05	75.05	1.9	.7	2.0	2.0
1986: III	5,937.9	5,956.0	5,959.0	3.8	5.8	75.51	75.37	75.51	75.51	2.5	2.9	2.5	2.5
1986: IV	5,969.5	5,993.1	5,981.7	2.1	2.5	76.05	75.94	76.01	76.02	2.9	3.0	2.7	2.7
1987: I	6,013.3	5,985.4	6,027.6	3.0	-5	76.73	76.76	76.70	76.71	3.6	4.4	3.7	3.7
1987: II	6,077.2	6,066.8	6,095.8	4.3	5.6	77.27	77.40	77.27	77.27	2.9	3.4	3.0	3.0
1987: III	6,128.1	6,138.7	6,145.8	3.4	4.8	77.83	78.01	77.84	77.84	2.9	3.2	3.0	3.0
1987: IV	6,234.4	6,164.1	6,254.1	7.1	1.7	78.46	78.64	78.46	78.46	3.3	3.3	3.2	3.2

Table C.1.—GDP and Other Major NIPA Aggregates—Continued
 [Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Chain-type price index		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1988: I	6,275.9	6,263.0	6,302.0	2.7	6.6	78.99	79.21	78.98	78.99	2.7	2.9	2.7	2.7
II	6,349.8	6,334.0	6,372.8	4.8	4.6	79.79	80.01	79.79	79.79	4.1	4.1	4.1	4.1
III	6,382.3	6,365.9	6,402.0	2.1	2.0	80.73	80.75	80.71	80.72	4.8	3.8	4.7	4.7
IV	6,465.2	6,447.5	6,487.4	5.3	5.2	81.36	81.46	81.33	81.34	3.2	3.6	3.1	3.1
1989: I	6,543.8	6,492.7	6,565.6	5.0	2.8	82.20	82.36	82.20	82.20	4.2	4.5	4.3	4.3
II	6,579.4	6,542.8	6,599.7	2.2	3.1	83.02	83.26	83.01	83.02	4.0	4.4	4.0	4.0
III	6,610.6	6,605.8	6,633.4	1.9	3.9	83.62	83.74	83.62	83.63	2.9	2.4	2.9	3.0
IV	6,633.5	6,620.4	6,663.4	1.4	.9	84.24	84.43	84.24	84.25	3.0	3.3	3.0	3.0
1990: I	6,716.3	6,705.8	6,743.6	5.1	5.3	85.19	85.48	85.18	85.20	4.6	5.1	4.5	4.6
II	6,731.7	6,697.6	6,760.8	.9	-5	86.17	86.27	86.16	86.17	4.7	3.7	4.7	4.6
III	6,719.4	6,699.2	6,742.6	-7	.1	87.00	87.26	86.99	87.00	3.9	4.7	3.9	3.9
IV	6,664.2	6,680.0	6,713.3	-3.2	-1.1	87.76	88.41	87.74	87.76	3.5	5.3	3.5	3.5
1991: I	6,631.4	6,652.5	6,667.4	-2.0	-1.6	88.78	89.09	88.76	88.78	4.7	3.1	4.8	4.7
II	6,668.5	6,692.5	6,692.1	2.3	2.4	89.41	89.51	89.40	89.41	2.9	1.9	2.9	2.9
III	6,684.9	6,689.2	6,704.7	1.0	-2	89.99	90.04	89.99	90.00	2.6	2.4	2.7	2.6
IV	6,720.9	6,692.0	6,749.4	2.2	.2	90.47	90.60	90.47	90.48	2.2	2.5	2.2	2.2
1992: I	6,783.3	6,788.9	6,811.1	3.8	5.9	91.16	91.25	91.16	91.15	3.1	2.9	3.1	3.0
II	6,846.8	6,827.1	6,873.8	3.8	2.3	91.68	91.81	91.67	91.67	2.3	2.5	2.3	2.3
III	6,899.7	6,882.7	6,923.3	3.1	3.3	91.98	92.26	91.97	91.97	1.3	2.0	1.3	1.3
IV	6,990.6	6,972.4	7,015.1	5.4	5.3	92.56	92.81	92.55	92.55	2.5	2.4	2.5	2.5
1993: I	6,988.7	6,953.6	7,020.9	-1	-1.1	93.33	93.42	93.32	93.32	3.4	2.7	3.4	3.4
II	7,031.2	7,008.8	7,056.0	2.5	3.2	93.83	93.98	93.82	93.83	2.2	2.4	2.2	2.2
III	7,062.0	7,057.9	7,092.4	1.8	2.8	94.26	94.32	94.24	94.26	1.8	1.5	1.8	1.8
IV	7,168.7	7,154.8	7,182.1	6.2	5.6	94.79	94.83	94.79	94.81	2.3	2.2	2.4	2.4
1994: I	7,229.4	7,187.1	7,249.8	3.4	1.8	95.28	95.22	95.28	95.29	2.1	1.7	2.0	2.1
II	7,302.2	7,250.2	7,346.3	5.7	3.6	95.72	95.74	95.71	95.73	1.8	2.2	1.8	1.8
III	7,370.2	7,318.5	7,385.1	2.2	3.8	96.29	96.43	96.28	96.29	2.4	2.9	2.4	2.4
IV	7,461.1	7,387.2	7,476.0	5.0	3.8	96.74	96.86	96.74	96.74	1.9	1.8	1.9	1.9
1995: I	7,488.7	7,427.3	7,510.2	1.5	2.2	97.45	97.51	97.45	97.45	3.0	2.7	3.0	3.0
II	7,503.3	7,469.6	7,528.6	.8	2.3	97.86	98.04	97.86	97.87	1.7	2.2	1.7	1.7
III	7,561.4	7,549.7	7,572.3	3.1	4.4	98.31	98.42	98.30	98.31	1.8	1.6	1.8	1.8
IV	7,621.9	7,602.5	7,645.2	3.2	2.8	98.79	98.85	98.78	98.79	2.0	1.8	2.0	2.0
1996: I	7,676.4	7,669.6	7,703.1	2.9	3.6	99.40	99.42	99.39	99.39	2.5	2.3	2.5	2.5
II	7,802.9	7,773.4	7,820.4	6.8	5.5	99.74	99.74	99.74	99.74	1.4	1.3	1.4	1.4
III	7,841.9	7,792.1	7,853.5	2.0	1.0	100.23	100.16	100.22	100.22	2.0	1.7	1.9	1.9
IV	7,931.3	7,897.6	7,947.9	4.6	5.5	100.63	100.68	100.63	100.63	1.6	2.1	1.7	1.6
1997: I	8,016.4	7,966.4	8,025.1	4.4	3.5	101.36	101.28	101.34	101.33	2.9	2.4	2.9	2.8
II	8,131.9	8,043.2	8,145.6	5.9	3.9	101.82	101.49	101.82	101.80	1.9	.8	1.9	1.8
III	8,216.6	8,164.9	8,225.1	4.2	6.2	102.12	101.74	102.12	102.10	1.2	1.0	1.2	1.2
IV	8,272.9	8,206.3	8,276.9	2.8	2.0	102.49	102.07	102.49	102.46	1.4	1.3	1.4	1.4
1998: I	8,396.3	8,286.6	8,405.4	6.1	4.0	102.76	102.09	102.76	102.73	1.1	.1	1.1	1.1
II	8,442.9	8,397.2	8,448.7	2.2	5.4	103.02	102.26	103.01	102.98	1.0	.7	1.0	1.0
III	8,528.5	8,454.9	8,517.6	4.1	2.8	103.38	102.54	103.38	103.34	1.4	1.1	1.4	1.4
IV	8,667.9	8,588.5	8,662.0	6.7	6.5	103.66	102.84	103.65	103.62	1.1	1.2	1.1	1.1
1999: I	8,733.5	8,651.2	8,732.9	3.1	3.0	104.10	103.21	104.12	104.08	1.7	1.5	1.8	1.8
II	8,771.2	8,735.1	8,789.7	1.7	3.9	104.45	103.71	104.45	104.42	1.4	2.0	1.3	1.3
III	8,871.5	8,825.6	8,861.5	4.7	4.2	104.81	104.23	104.80	104.77	1.4	2.0	1.4	1.4
IV	9,049.9	8,956.3	9,047.9	8.3	6.1	105.28	104.80	105.22	105.18	1.8	2.2	1.6	1.6
2000: I	9,102.5	9,061.6	9,089.1	2.3	4.8	106.25	105.89	106.22	106.18	3.8	4.2	3.9	3.8
II	9,229.4	9,148.5	9,217.7	5.7	3.9	106.81	106.40	106.81	106.76	2.1	1.9	2.2	2.2
III	9,260.1	9,201.3	9,247.2	1.3	2.3	107.31	107.02	107.31	107.27	1.9	2.3	1.9	1.9
IV	9,303.9	9,256.7	9,311.7	1.9	2.4	107.78	107.47	107.78	107.74	1.8	1.7	1.8	1.8
2001: I	9,334.5	9,347.8	9,329.1	1.3	4.0	108.65	108.19	108.65	108.60	3.3	2.7	3.3	3.2
II	9,341.7	9,364.8	9,335.5	.3	.7	109.22	108.54	109.21	109.16	2.1	1.3	2.1	2.1
III	9,333.4	9,365.2	.....	-4	0	109.80	108.46	109.80	.....	2.1	-3	2.1	.....

D. Domestic Perspectives

This table presents data collected from other government agencies and private organizations, as noted. Quarterly data are shown in the middle month of the quarter.

Table D.1.—Domestic Perspectives

	1999	2000	2000					2001								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Consumer and producer prices, (monthly data seasonally adjusted) ¹																
Consumer price index for all urban consumers, 1982–84=100:																
All items.....	166.6	172.2	172.8	173.6	173.9	174.3	174.6	175.7	176.2	176.3	176.8	177.5	177.9	177.4	177.5	178.2
Less food and energy.....	177.0	181.3	182.1	182.6	182.8	183.3	183.5	184.1	184.7	185.1	185.5	185.7	186.3	186.6	187.0	187.4
Services.....	188.8	195.3	196.4	196.9	197.5	198.1	198.8	200.5	201.0	201.6	202.0	202.8	203.7	203.9	204.7	204.5
Producer price index, 1982=100:																
Finished goods.....	133.0	138.0	138.0	139.0	139.6	139.8	140.0	141.6	141.7	141.6	142.3	142.4	141.7	140.4	140.9	141.4
Less food and energy.....	146.1	148.0	148.3	148.7	148.7	148.8	148.9	149.6	149.2	149.4	149.8	150.1	150.1	150.4	150.3	150.7
Finished consumer goods.....	132.0	138.2	138.1	139.4	140.2	140.4	140.6	142.7	143.0	142.7	143.5	143.8	142.8	140.9	141.6	142.2
Capital equipment.....	137.6	138.8	139.1	139.4	139.3	139.4	139.5	139.8	139.3	139.5	139.8	139.5	139.9	140.2	140.1	140.3
Intermediate materials.....	123.2	129.2	129.4	130.4	130.6	130.4	130.9	132.0	131.7	131.3	131.2	131.3	131.1	129.8	129.3	129.4
Crude materials.....	98.2	120.6	117.6	126.0	130.8	129.1	141.1	165.8	141.8	132.3	133.0	130.1	121.9	115.4	112.7	108.1
Money, interest rates, and stock prices																
Money stock (monthly and quarterly data seasonally adjusted): ²																
Percent change:																
M1.....			-0.36	-0.31	0.01	-0.81	0.09	1.04	0.06	1.15	0.43	-0.06	0.52	1.13	0.69	4.50
M2.....			0.63	0.66	0.44	0.31	0.78	1.01	0.90	1.20	0.89	0.47	0.84	0.75	0.64	2.10
Ratio:																
Gross domestic product to M1.....	8.412	8.942	9.037	9.132	9.133	9.196	9.132	9.185	9.185	9.185	9.185	9.117	9.117	8.852	8.852	1.627
Personal income to M2.....	1.718	1.731	1.732	1.730	1.733	1.735	1.732	1.722	1.714	1.701	1.690	1.684	1.676	1.670	1.661	1.627
Interest rates (percent, not seasonally adjusted): ²																
Federal funds rate.....	4.97	6.24	6.50	6.52	6.51	6.51	6.40	5.98	5.49	5.31	4.80	4.21	3.97	3.77	3.65	3.07
Discount rate on new 91-day Treasury bills.....	4.66	5.84	6.11	5.99	6.10	6.18	5.83	5.27	4.93	4.50	3.91	3.66	3.48	3.54	3.39	2.87
Yield on new high-grade corporate bonds.....	7.00	7.57	7.47	7.50	7.50	7.41	7.21	7.15	7.08	6.87	7.09	7.19	7.11	7.02	6.85	6.83
10-Year US Treasury bonds.....	5.65	6.03	5.83	5.80	5.74	5.72	5.24	5.16	5.10	4.89	5.14	5.39	5.28	5.24	4.97	4.73
Yield on municipal bonds, 20-bond average.....	5.43	5.71	5.51	5.56	5.59	5.54	5.22	5.10	5.18	5.13	5.27	5.29	5.20	5.20	5.03	5.09
Mortgage commitment rate.....	7.43	8.06	8.03	7.91	7.80	7.75	7.38	7.03	7.05	6.95	7.08	7.15	7.16	7.13	6.95	6.82
Average prime rate charged by banks.....	8.00	9.23	9.50	9.50	9.50	9.50	9.50	9.05	8.50	8.32	7.80	7.24	6.98	6.75	6.67	6.28
Index of stock prices (not seasonally adjusted): ³																
500 common stocks, 1941–43=10.....	1,327.33	1,427.22	1,485.46	1,468.05	1,390.14	1,375.04	1,330.93	1,335.63	1,305.75	1,185.85	1,189.84	1,270.37	1,238.71	1,204.45	1,178.51	1,044.64
Labor markets (thousands, monthly and quarterly data seasonally adjusted, unless otherwise noted) ¹																
Civilian labor force.....	139,368	140,863	140,724	140,847	141,000	141,136	141,489	141,955	141,751	141,868	141,757	141,272	141,354	141,774	141,350	142,190
Labor force participation rates (percent):																
Males 20 and over.....	76.7	76.6	76.6	76.5	76.5	76.4	76.6	76.7	76.5	76.4	76.6	76.3	76.2	76.4	76.2	76.6
Females 20 and over.....	60.7	60.9	60.5	60.7	60.6	60.7	60.8	61.1	61.2	61.3	61.0	60.9	60.7	60.9	60.9	60.9
16–19 years of age.....	52.0	52.2	52.8	52.0	52.1	52.4	52.3	51.9	51.2	50.9	50.1	48.6	50.5	50.0	47.4	49.8
Civilian employment.....	133,488	135,208	134,939	135,310	135,464	135,478	135,836	135,999	135,815	135,780	135,354	135,103	134,932	135,379	134,393	135,181
Ratio, civilian employment to working-age population (percent).....	64.3	64.5	64.3	64.4	64.4	64.3	64.5	64.5	64.4	64.3	64.0	63.9	63.7	63.9	63.4	63.7
Persons engaged in nonagricultural activities.....	130,207	131,903	131,622	131,954	132,223	132,302	132,562	132,819	132,680	132,618	132,162	131,910	131,937	132,334	131,276	131,961
Employees on nonagricultural payrolls.....	128,916	131,759	131,837	132,046	132,145	132,279	132,367	132,428	132,595	132,654	132,489	132,530	132,431	132,449	132,365	132,166
Goods-producing industries.....	25,507	25,709	25,727	25,696	25,713	25,711	25,688	25,633	25,627	25,602	25,421	25,324	25,186	25,122	24,974	24,877
Services-producing industries.....	103,409	106,050	106,110	106,350	106,432	106,568	106,679	106,795	106,968	107,052	107,068	107,206	107,245	107,327	107,391	107,289
Average weekly hours, manufacturing (hours).....	41.7	41.6	41.4	41.4	41.4	41.2	40.6	41.0	40.9	41.0	41.0	40.7	40.7	40.8	40.7	40.5
Average weekly overtime hours, manufacturing (hours).....	4.6	4.6	4.5	4.4	4.5	4.3	4.1	4.2	3.9	4.1	3.9	3.9	3.9	4.0	4.0	3.9
Number of persons unemployed.....	5,880	5,655	5,785	5,537	5,536	5,658	5,653	5,956	5,936	6,088	6,402	6,169	6,422	6,395	6,957	7,009
Unemployment rates (percent):																
Total.....	4.2	4.0	4.1	3.9	3.9	4.0	4.0	4.2	4.2	4.3	4.5	4.4	4.5	4.5	4.9	4.9
15 weeks and over.....	1.1	0.9	1.0	0.9	0.9	0.9	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3
Average duration of unemployment (weeks).....	13.4	12.6	13.0	12.1	12.4	12.4	12.6	12.6	12.9	13.0	12.6	12.2	13.0	12.5	13.3	13.1
Nonfarm business sector, 1992=100:																
Output per hour of all persons.....	112.9	116.2	116.7	.....	.....	117.4	.....	.....	117.4	.....	.....	118.0	.....	.....	.....	.....
Unit labor costs.....	110.2	113.6	114.0	.....	.....	115.8	.....	.....	117.2	.....	.....	118.0	.....	.....	.....	.....
Hourly compensation.....	124.4	132.0	133.0	.....	.....	135.9	.....	.....	137.6	.....	.....	139.2	.....	.....	.....	.....

See footnotes at the end of the table.

Table D.1.—Domestic Perspectives—Continued

	1999	2000	2000					2001								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Construction (monthly data seasonally adjusted at annual rates) ⁴																
Total new private construction put in place (billions of dollars).....	596.3	640.6	630.7	638.9	644.8	651.1	660.8	673.7	681.8	681.2	677.4	670.8	665.3	661.1	646.4	641.0
Residential	350.6	374.3	364.0	364.4	370.3	374.3	379.6	386.1	398.9	395.1	392.2	394.3	391.5	390.5	389.9	385.4
Nonresidential	193.9	210.1	213.3	214.0	215.5	215.3	218.0	223.8	220.2	225.9	220.6	211.7	210.8	210.7	195.9	195.2
Housing starts (thousands of units):																
Total	1,641	1,569	1,531	1,508	1,527	1,559	1,532	1,666	1,623	1,592	1,626	1,610	1,634	1,660	1,548	1,574
1-unit structures	1,302	1,231	1,228	1,196	1,218	1,209	1,236	1,336	1,288	1,208	1,295	1,285	1,292	1,290	1,260	1,268
New 1-family houses sold (thousands of units).....	880	877	839	902	922	882	1,001	938	959	953	899	882	889	902	876	864
Manufacturing and trade, inventories and sales (millions of dollars, monthly data seasonally adjusted) ⁴																
Inventories:																
Total manufacturing and trade.....	1,125,068	1,191,498	1,193,488	1,193,106	1,199,577	1,204,041	1,204,524	1,206,745	1,203,367	1,198,530	1,196,694	1,194,840	1,187,715	1,181,701	1,180,635	.....
Manufacturing	451,956	472,455	478,477	479,234	482,000	483,892	483,544	485,307	484,353	480,579	479,659	476,712	471,967	468,378	465,269	.....
Merchant wholesalers	285,702	304,857	301,315	300,721	301,573	302,662	303,063	302,222	301,541	301,822	302,102	303,004	301,869	299,032	298,677	.....
Retail trade	387,410	414,186	413,696	413,151	416,004	417,487	417,917	419,216	417,473	416,129	414,933	415,124	413,879	414,291	416,689	.....
Sales:																
Total manufacturing and trade.....	9,445,519	10,119,150	847,083	849,762	847,112	843,384	846,258	843,035	843,032	837,800	833,698	841,208	828,409	831,772	832,244	.....
Manufacturing	4,043,277	4,280,872	358,110	357,996	355,921	353,838	354,689	347,550	347,983	347,486	339,031	347,267	337,322	338,546	336,735	.....
Merchant wholesalers	2,539,287	2,755,523	231,472	231,965	231,866	231,623	233,590	233,960	233,080	229,619	229,959	228,919	226,302	227,918	229,308	.....
Retail trade	2,862,955	3,082,755	257,501	259,801	259,325	257,923	257,979	261,525	261,969	260,695	264,708	265,022	264,785	265,308	266,201	.....
Industrial production indexes and capacity utilization rates (monthly data seasonally adjusted) ²																
Industrial production indexes, 1992=100:																
Total	139.6	147.5	148.6	149.0	148.7	148.2	147.3	146.0	145.4	145.0	144.6	144.2	142.8	142.7	141.8	140.3
By industry:																
Durable manufactures	175.6	193.4	196.9	198.4	197.6	196.7	195.1	192.3	191.1	191.3	190.1	190.1	186.9	187.6	185.7	182.5
Nondurable manufactures	115.4	116.9	116.3	116.0	116.3	115.5	114.1	114.0	114.0	112.7	112.8	112.2	111.5	111.3	110.5	110.1
By market category:																
Consumer goods.....	120.8	123.0	123.8	123.8	122.7	122.4	123.1	121.8	122.3	122.4	122.1	122.2	121.6	121.9	120.9	120.1
Capacity utilization rates (percent):																
Total industry	81.2	82.2	82.6	82.4	82.0	81.4	80.6	79.7	79.2	78.7	78.4	78.0	77.1	77.0	76.4	75.5
Manufacturing	80.5	81.3	81.7	81.7	81.2	80.5	79.3	78.4	77.9	77.3	76.9	76.6	75.6	75.5	74.8	73.8
Credit market borrowing (billions of dollars, quarterly data seasonally adjusted at annual rates) ²																
All sectors, by instrument:																
Total	2,203.1	1,775.3	1,687.9	.....	.....	1,842.1	.....	.....	1,893.2	.....	.....	1,802.2	.....	.....	.....	.....
Open market paper	229.9	207.6	169.7	.....	.....	199.3	.....	.....	-367.2	.....	.....	-232.5	.....	.....	.....	.....
U.S. government securities	520.7	137.6	288.6	.....	.....	282.2	.....	.....	428.3	.....	.....	455.2	.....	.....	.....	.....
Municipal securities	68.2	35.3	31.0	.....	.....	60.1	.....	.....	106.9	.....	.....	113.9	.....	.....	.....	.....
Corporate and foreign bonds	457.9	429.8	468.0	.....	.....	442.6	.....	.....	893.7	.....	.....	617.4	.....	.....	.....	.....
Bank loans, nec.	68.9	114.1	52.2	.....	.....	67.1	.....	.....	34.1	.....	.....	-156.5	.....	.....	.....	.....
Other loans and advances	162.0	145.3	-15.0	.....	.....	115.8	.....	.....	83.7	.....	.....	92.5	.....	.....	.....	.....
Mortgages	601.0	573.2	571.0	.....	.....	551.3	.....	.....	555.6	.....	.....	839.4	.....	.....	.....	.....
Consumer credit	94.4	132.3	122.5	.....	.....	123.7	.....	.....	158.1	.....	.....	72.8	.....	.....	.....	.....

Sources:

1. Bureau of Labor Statistics
2. Federal Reserve Board

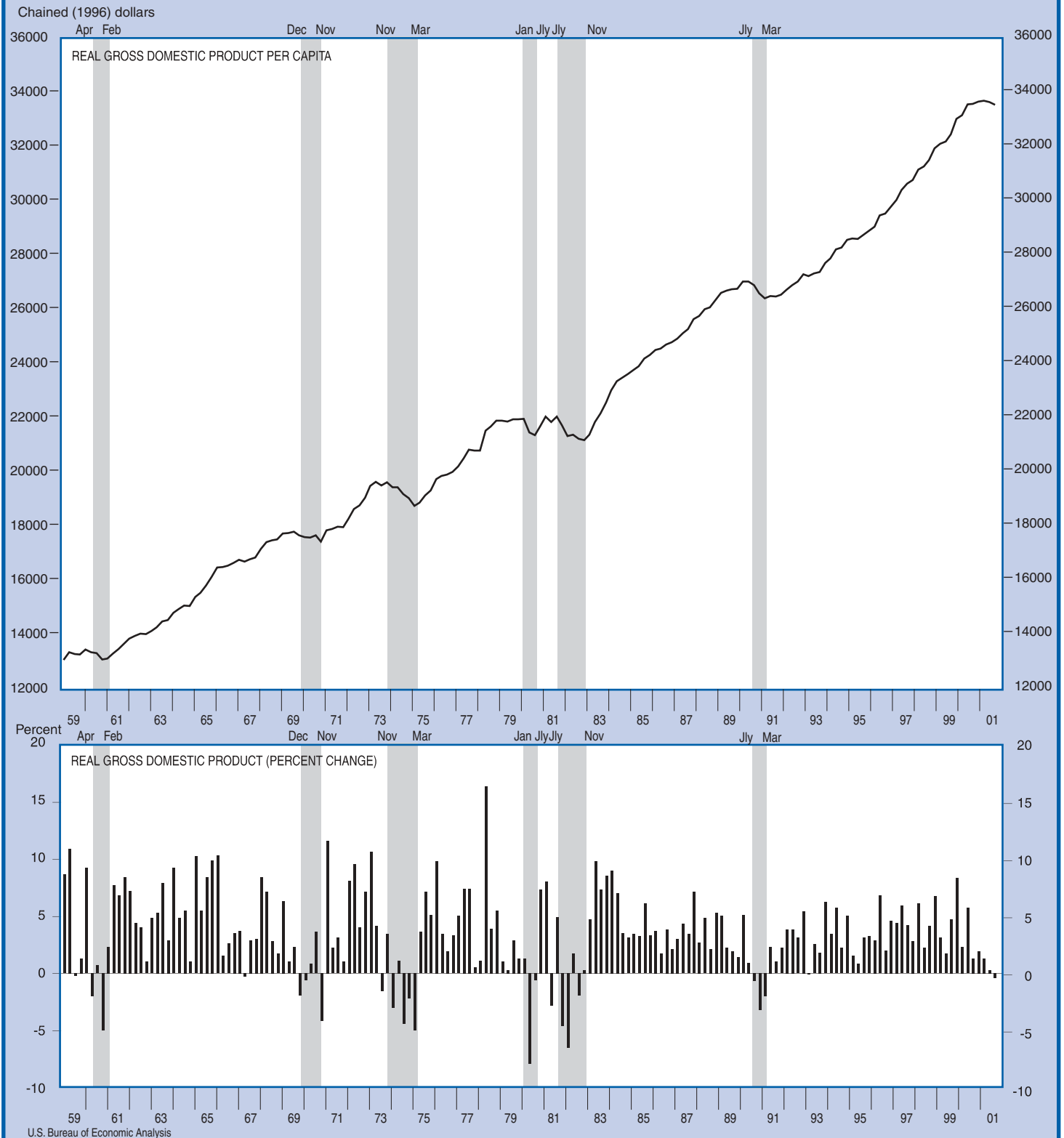
3. Standard and Poor's, Inc.

4. Bureau of the Census
n.e.c. Not elsewhere classified

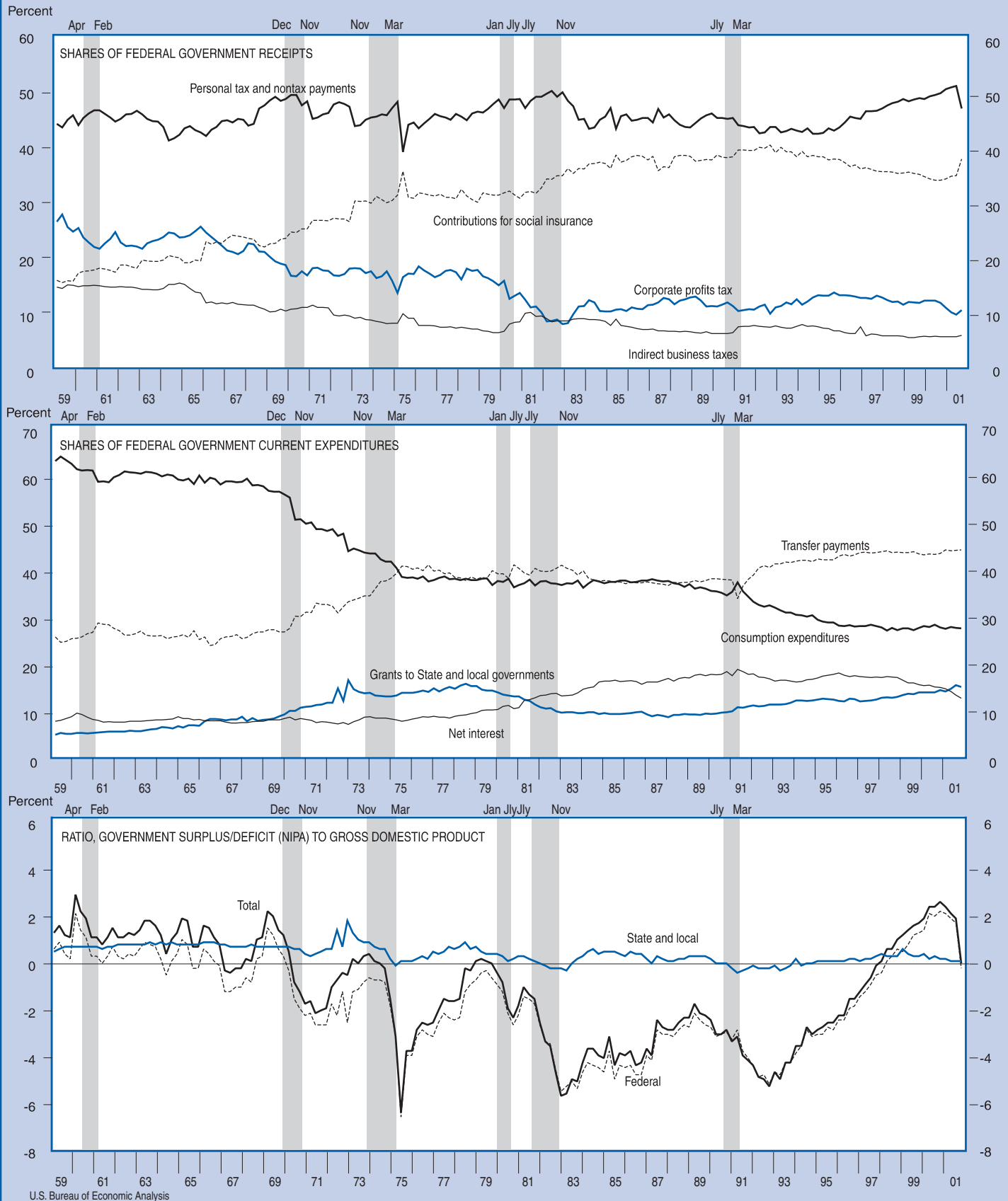
E. Charts

Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.

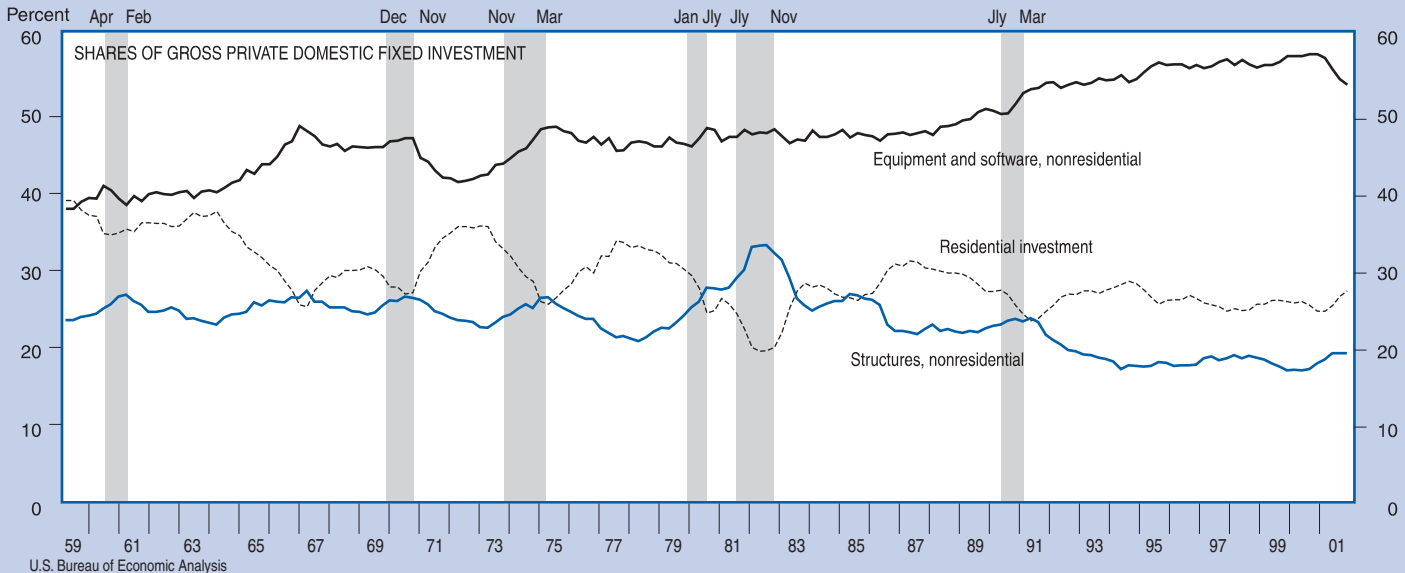
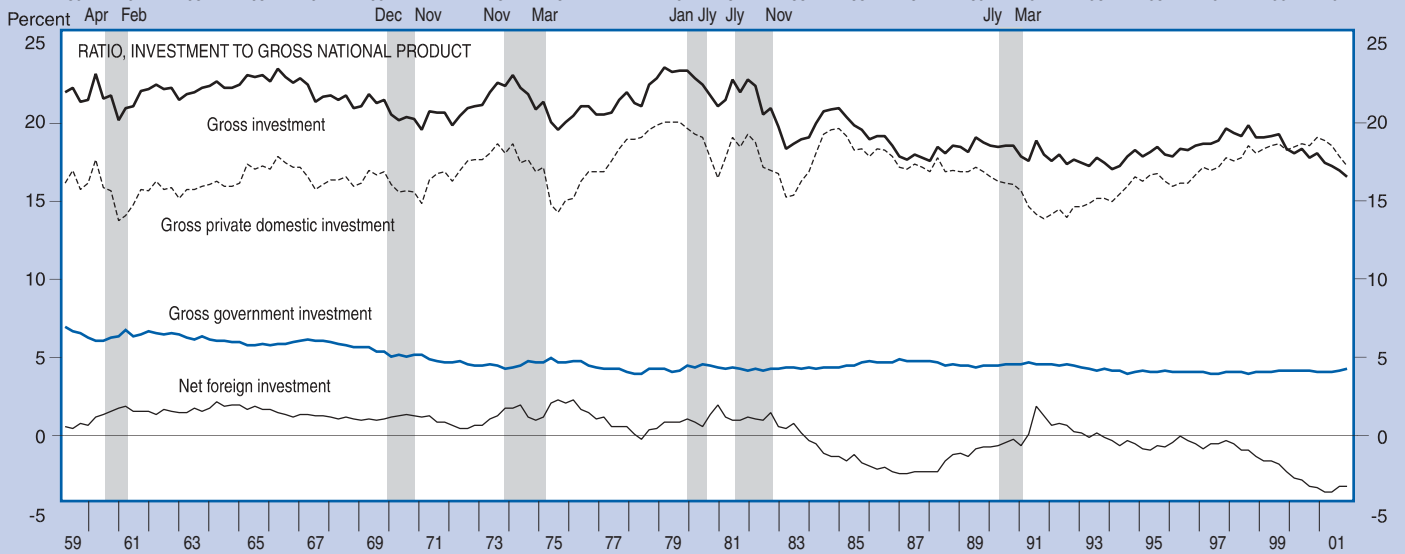
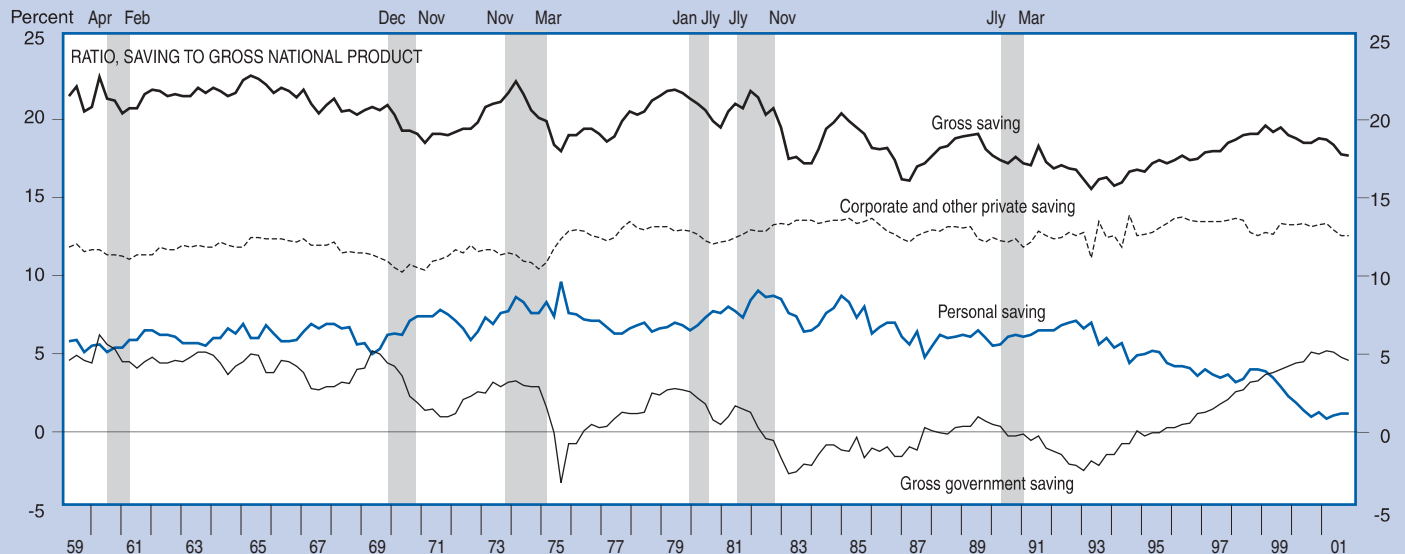
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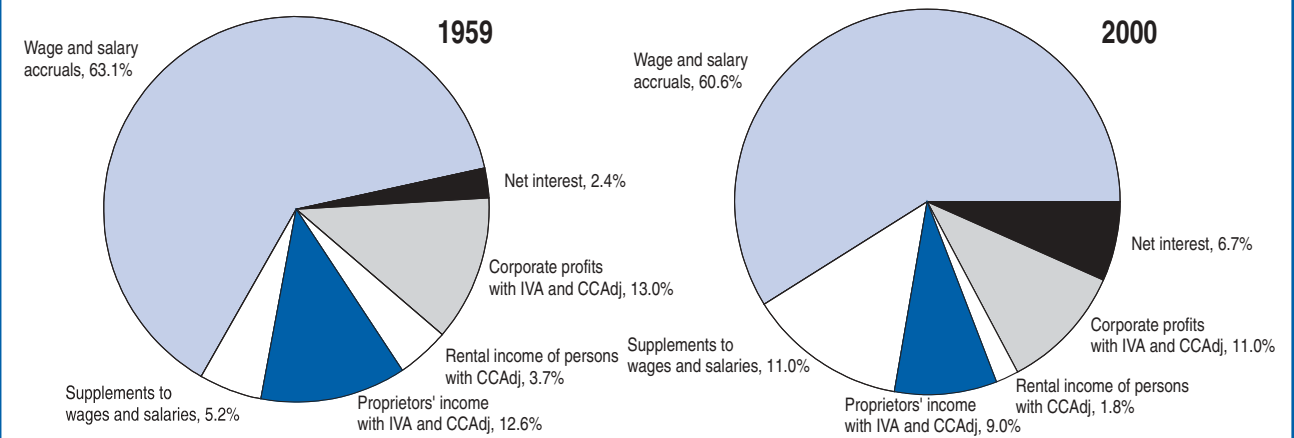


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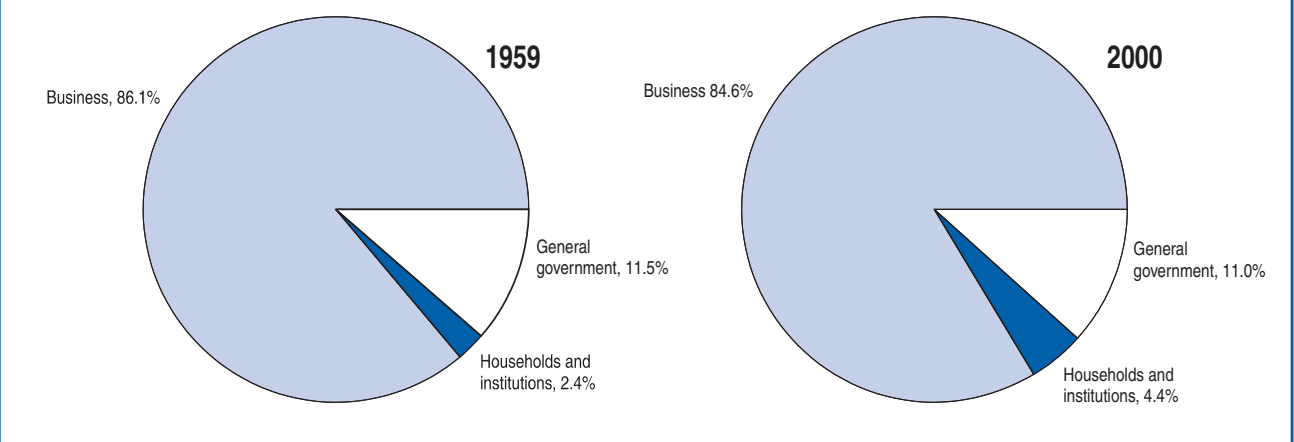


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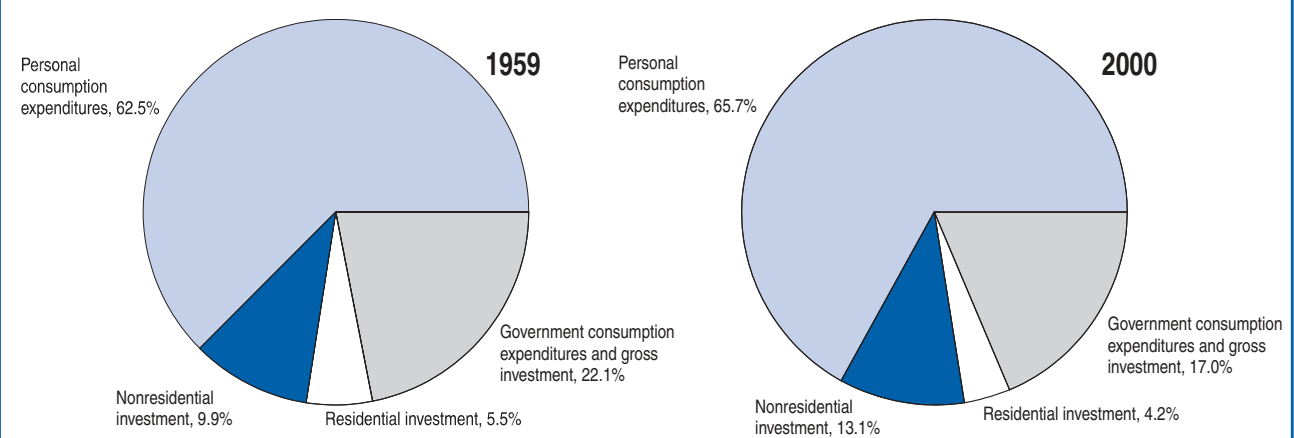
SHARES OF NATIONAL INCOME



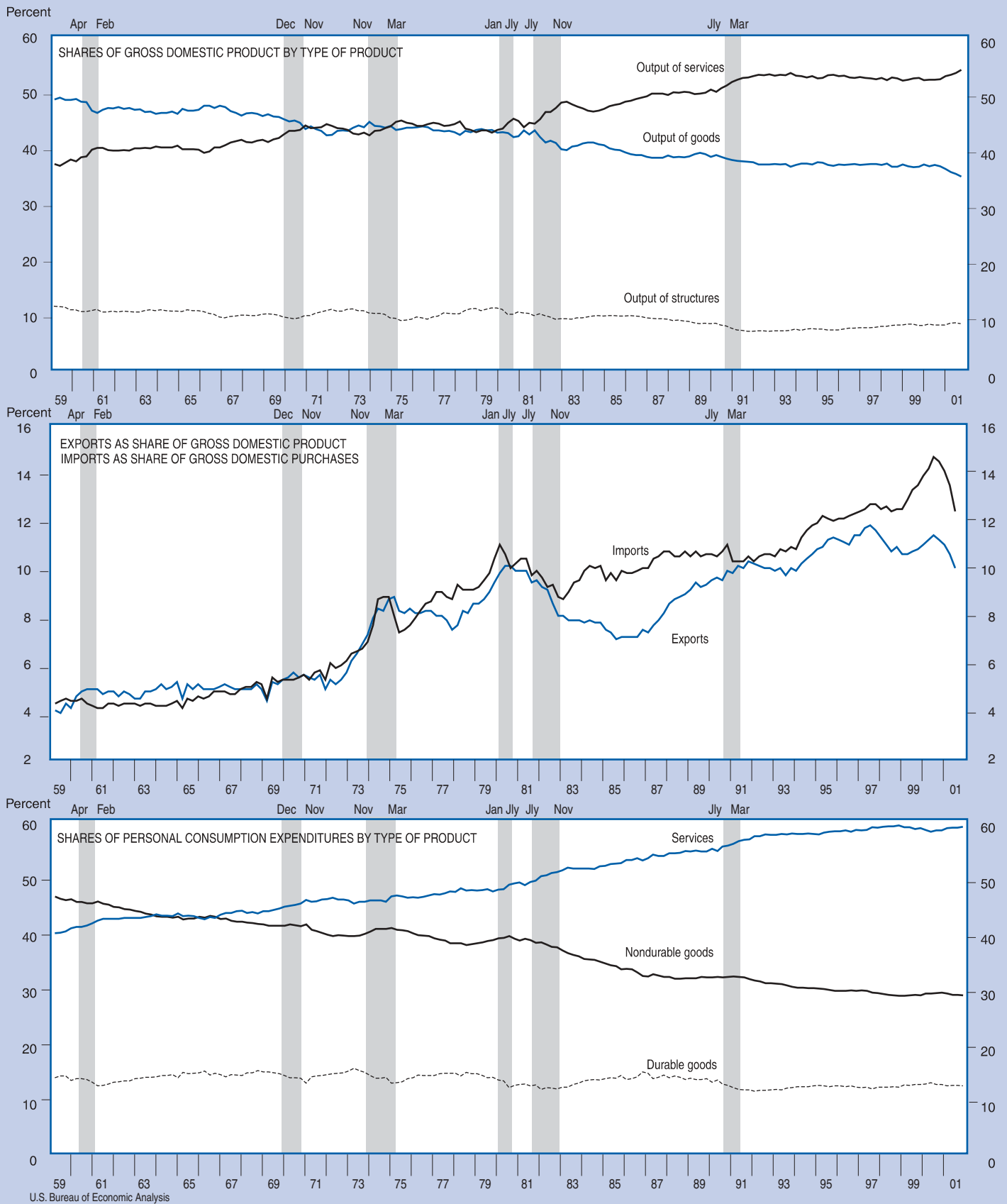
SHARES OF GROSS DOMESTIC PRODUCT BY SECTOR



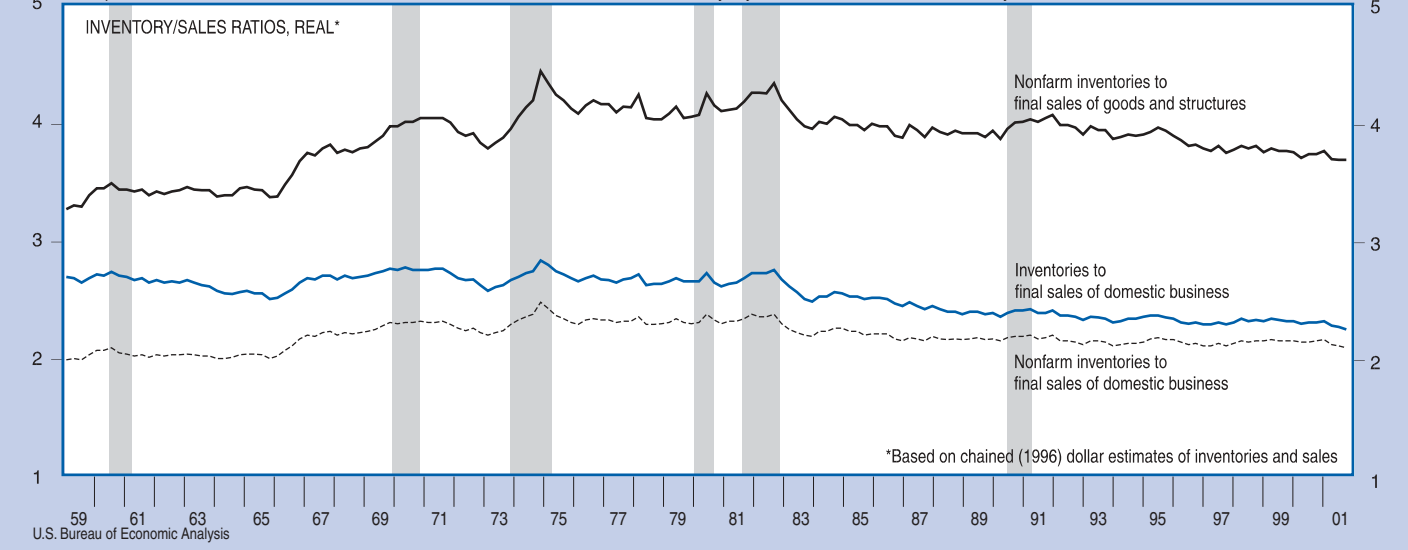
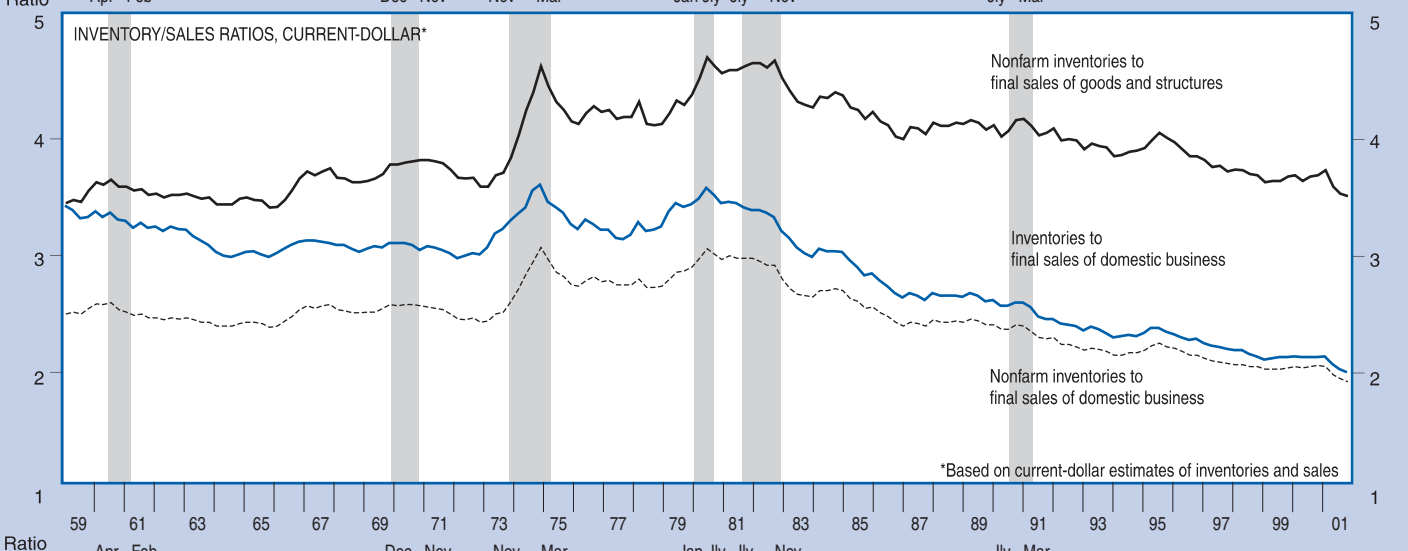
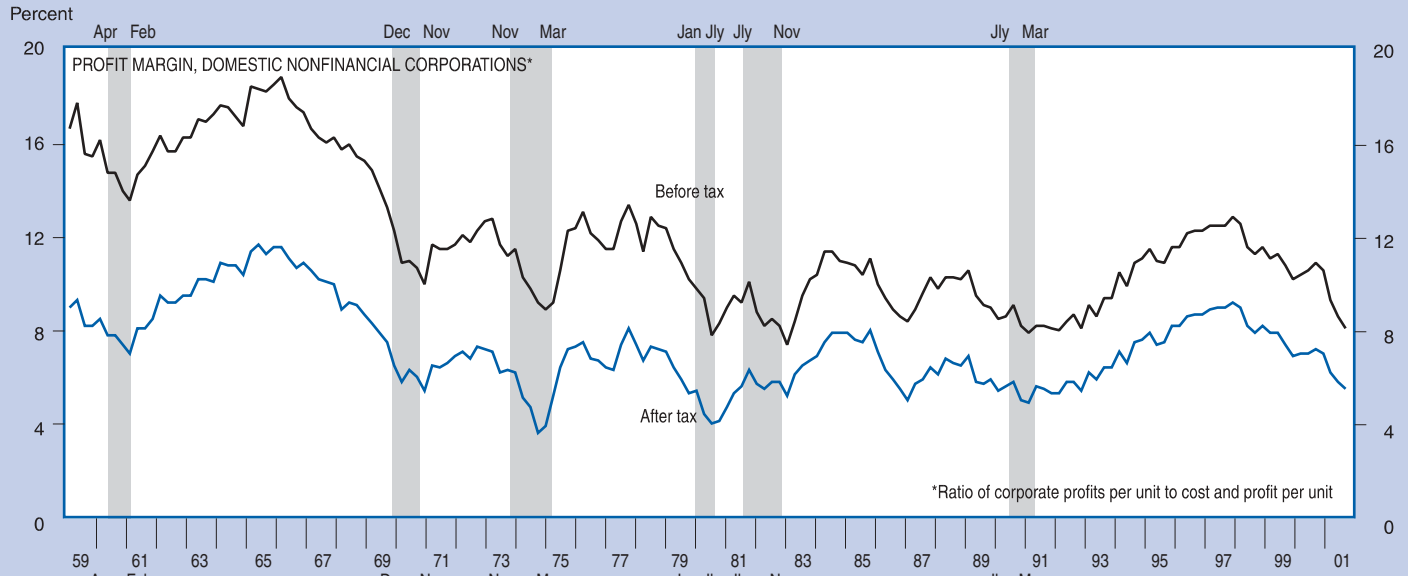
SHARES OF GROSS DOMESTIC PURCHASES



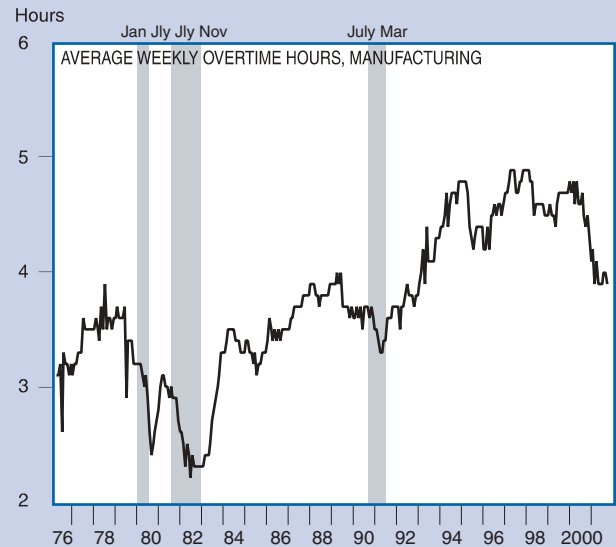
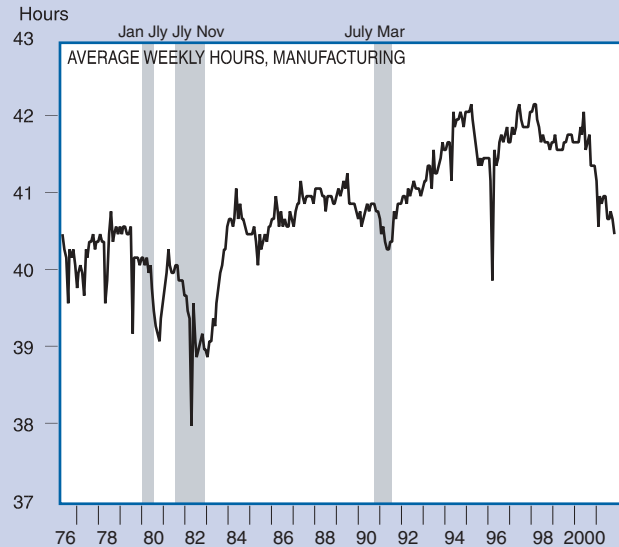
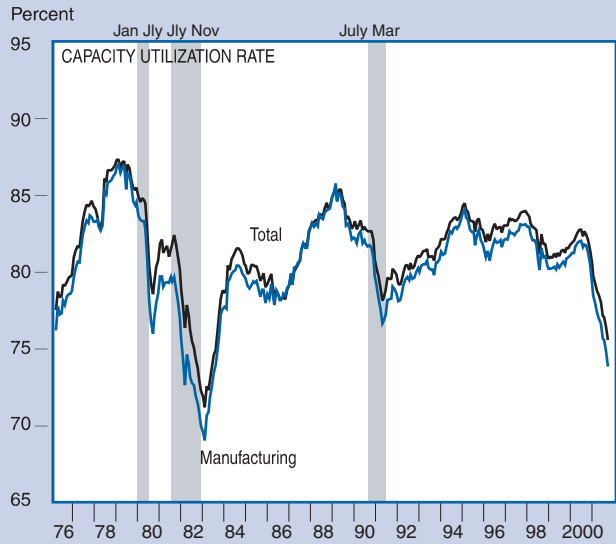
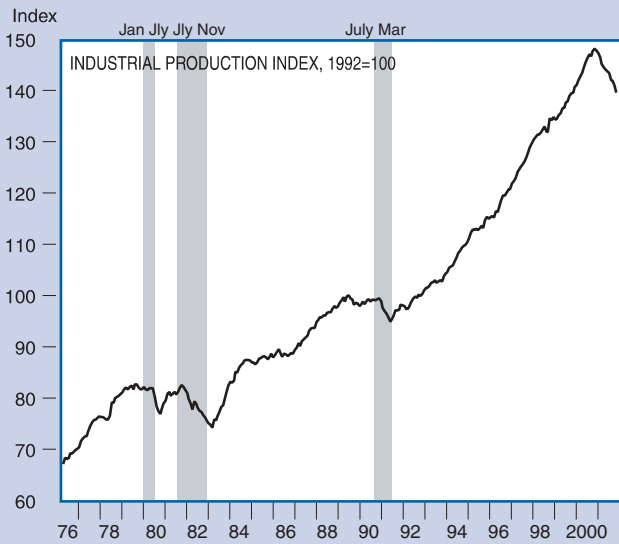
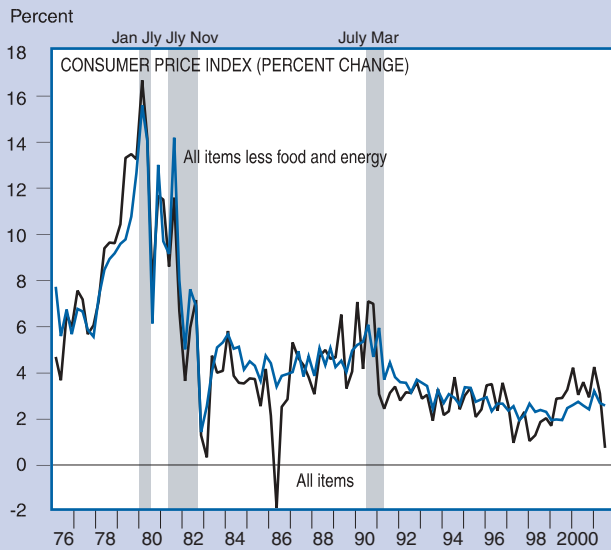
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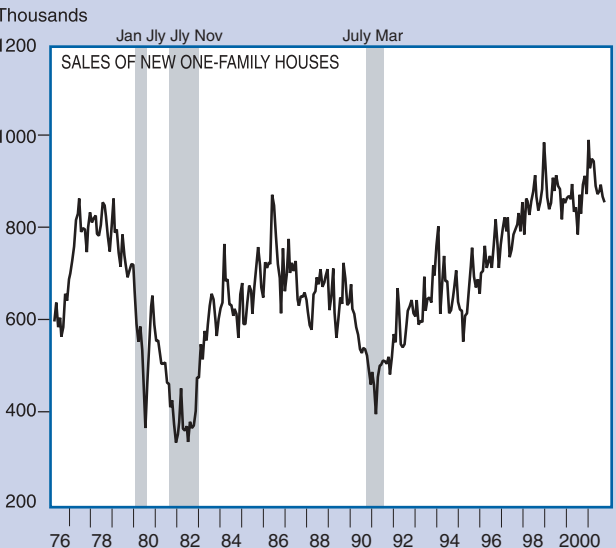
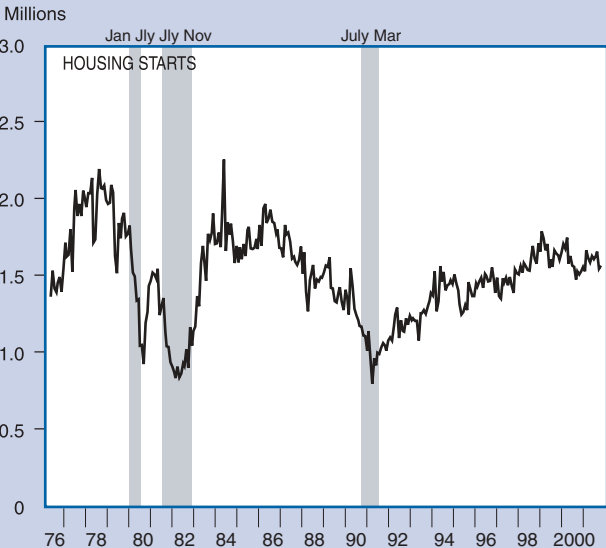
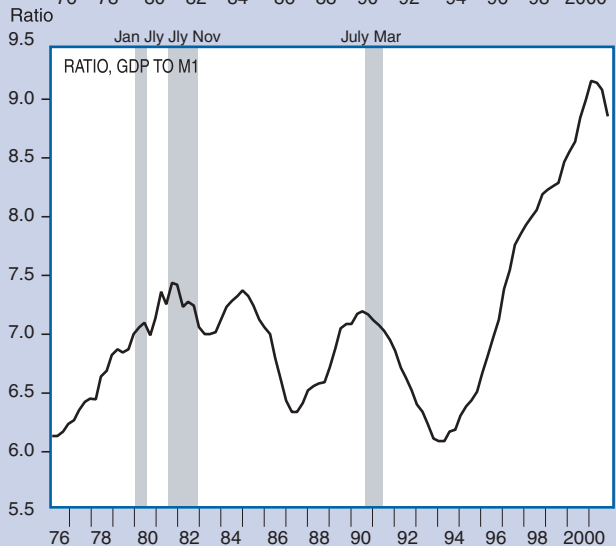
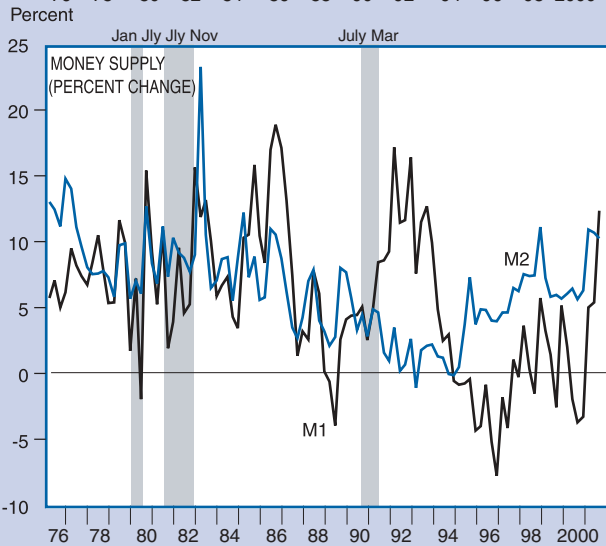
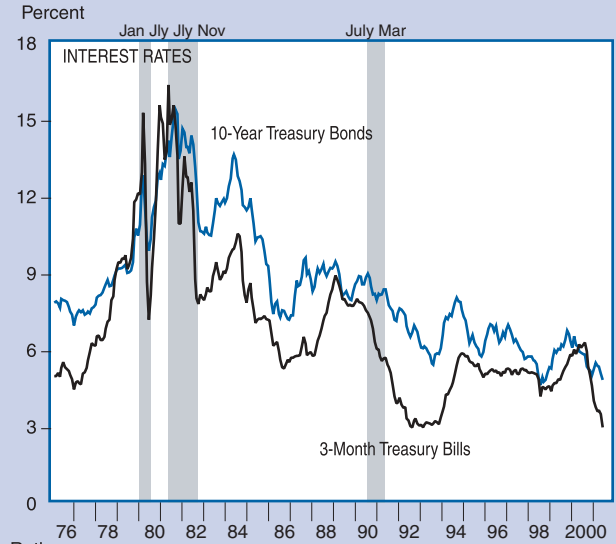
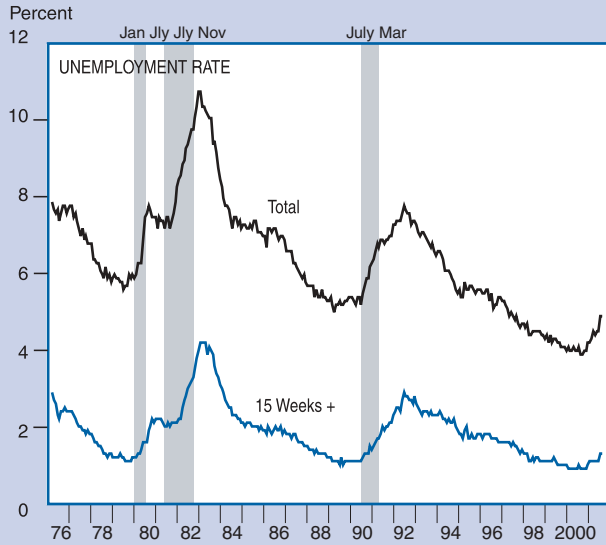
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OTHER INDICATORS OF THE DOMESTIC ECONOMY



OTHER INDICATORS OF THE DOMESTIC ECONOMY



International Data

F. Transactions Tables

Table F.1 includes the most recent estimates of U.S. international trade in goods and services; the estimates were released on October 19, 2001, and include "preliminary" estimates for August 2001 and "revised" estimates for July 2001. The sources for the other tables in this section are as noted.

Table F.1—U.S. International Transactions in Goods and Services

[Millions of dollars; monthly estimates seasonally adjusted]

	1999	2000	2000						2001							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^r	Aug. ^p
Exports of goods and services	957,353	1,065,702	89,519	91,818	91,160	90,412	90,478	89,241	90,059	90,395	88,636	87,064	87,571	85,898	83,595	84,455
Goods	684,553	772,210	65,123	67,377	66,773	65,807	65,856	64,574	65,309	65,748	63,884	62,170	62,846	60,848	58,688	59,459
Foods, feeds, and beverages	45,532	47,452	4,058	4,151	4,018	4,001	3,940	3,913	3,952	4,136	4,228	4,129	3,979	3,915	3,894	4,143
Industrial supplies and materials	147,000	171,932	14,047	14,733	15,140	14,971	15,076	14,302	14,303	14,453	14,398	13,983	13,885	13,468	12,835	13,322
Capital goods, except automotive	310,874	357,034	30,853	31,596	31,181	30,586	30,678	30,203	31,216	31,260	29,356	27,916	28,269	27,027	26,324	25,752
Automotive vehicles, engines, and parts	75,085	80,169	6,511	7,021	6,629	6,621	6,416	6,274	5,970	5,879	6,095	6,107	6,338	6,630	6,223	6,682
Consumer goods (nonfood), except automotive	81,971	90,555	7,620	7,776	7,708	7,467	7,598	7,799	7,799	7,856	7,855	7,914	8,124	7,359	7,435	7,185
Other goods	35,336	34,775	2,748	2,868	2,803	2,997	2,977	3,044	2,912	2,894	2,720	2,851	3,090	3,333	2,990	3,134
Adjustments ¹	-11,244	-9,708	-714	-767	-707	-836	-828	-777	-842	-730	-769	-731	-839	-884	-1,013	-759
Services	272,800	293,492	24,396	24,441	24,387	24,605	24,622	24,667	24,750	24,647	24,752	24,894	24,725	25,050	24,907	24,996
Travel	74,731	82,042	6,801	6,688	6,737	6,701	6,842	6,849	6,939	6,908	6,930	6,974	6,764	6,965	6,897	6,970
Passenger fares	19,785	20,745	1,732	1,722	1,759	1,714	1,750	1,713	1,757	1,647	1,612	1,659	1,665	1,733	1,744	1,781
Other transportation	26,916	30,185	2,485	2,546	2,562	2,614	2,541	2,454	2,516	2,422	2,480	2,424	2,372	2,364	2,331	2,319
Royalties and license fees	36,420	38,030	3,174	3,179	3,185	3,193	3,207	3,224	3,174	3,181	3,200	3,265	3,284	3,294	3,285	3,269
Other private services	98,143	107,568	8,963	9,096	9,046	9,154	9,071	9,222	9,172	9,288	9,316	9,305	9,381	9,418	9,381	9,391
Transfers under U.S. military agency sales contracts ²	15,920	14,060	1,168	1,137	1,024	1,155	1,136	1,129	1,116	1,125	1,139	1,192	1,185	1,203	1,194	1,191
U.S. Government miscellaneous services	885	862	73	73	74	74	75	76	76	75	75	75	74	73	75	75
Imports of goods and services	1,219,191	1,441,441	121,551	122,620	125,666	124,437	123,456	122,532	123,453	119,070	121,593	118,582	115,781	114,966	112,763	111,569
Goods	1,029,987	1,224,417	103,214	104,215	106,455	106,012	104,811	103,935	104,436	100,362	102,665	99,826	97,295	96,401	94,526	93,271
Foods, feeds, and beverages	43,579	45,975	3,899	3,921	3,893	3,824	3,943	3,813	3,919	3,817	3,728	3,745	3,747	3,938	4,065	3,920
Industrial supplies and materials	222,024	299,788	25,922	25,397	26,455	26,327	25,490	26,422	26,550	24,770	24,867	24,887	24,619	23,795	23,136	22,252
Capital goods, except automotive	295,272	346,663	29,133	29,846	30,676	30,029	29,539	29,769	29,174	28,492	28,746	25,945	24,629	24,390	23,628	23,241
Automotive vehicles, engines, and parts	178,996	195,858	16,452	16,679	16,463	16,570	16,280	15,406	15,716	15,560	15,460	16,112	15,651	16,055	15,947	16,544
Consumer goods (nonfood), except automotive	241,702	281,405	23,541	23,801	24,206	24,547	24,702	23,902	24,347	23,137	25,439	24,278	23,639	23,662	23,446	23,169
Other goods	43,046	48,333	4,048	4,206	4,132	4,106	4,205	4,077	4,151	4,000	3,814	4,256	4,222	3,970	4,077	3,878
Adjustments ¹	5,369	6,395	219	364	631	609	652	547	577	586	610	604	788	591	228	267
Services	189,204	217,024	18,337	18,405	19,211	18,425	18,645	18,597	19,017	18,708	18,928	18,756	18,486	18,565	18,237	18,298
Travel	58,865	64,537	5,414	5,285	5,376	5,245	5,356	5,339	5,333	5,325	5,502	5,493	5,324	5,418	5,243	5,267
Passenger fares	21,315	24,197	2,075	2,053	2,098	1,953	2,030	2,037	1,966	1,963	2,024	2,154	2,062	2,190	2,221	2,238
Other transportation	34,139	41,058	3,444	3,531	3,579	3,607	3,566	3,545	3,745	3,373	3,396	3,317	3,299	3,207	3,099	3,108
Royalties and license fees	12,613	16,106	1,311	1,341	1,883	1,409	1,407	1,437	1,397	1,390	1,379	1,361	1,353	1,348	1,334	1,327
Other private services	46,117	54,687	4,673	4,770	4,855	4,843	4,923	4,868	5,148	5,218	5,189	5,030	5,053	5,006	4,936	4,938
Direct defense expenditures ²	13,334	13,560	1,179	1,184	1,178	1,126	1,121	1,128	1,182	1,193	1,192	1,155	1,149	1,151	1,160	1,176
U.S. Government miscellaneous services	2,821	2,879	241	241	242	242	242	243	246	246	246	246	246	245	244	244
Memoranda:																
Balance on goods	-345,434	-452,207	-38,091	-36,839	-39,682	-40,205	-38,955	-39,360	-39,126	-34,613	-38,781	-37,657	-34,449	-35,553	-35,838	-33,812
Balance on services	83,596	76,468	6,059	6,036	5,176	6,180	5,977	6,070	5,733	5,939	5,824	6,138	6,239	6,485	6,670	6,698
Balance on goods and services	-261,838	-375,739	-32,032	-30,803	-34,506	-34,025	-32,978	-33,290	-33,393	-28,674	-32,957	-31,519	-28,210	-29,068	-29,168	-27,114
Balance on goods and services	957,353	1,065,702	89,519	91,818	91,160	90,412	90,478	89,241	90,059	90,395	88,636	87,064	87,571	85,898	83,595	84,455

^p Preliminary.

^r Revised.

1. Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and

definitions used to prepare BEA's international and national accounts.

2. Contains goods that cannot be separately identified.

Source: U.S. Bureau of Economic Analysis and U.S. Bureau of the Census.

Table F.2.—U.S. International Transactions

[Millions of dollars]

Line	(Credits +, debits -) ¹	2000	Not seasonally adjusted					Seasonally adjusted				
			2000					2001				
			II	III	IV	I ^r	II ^P	II	III	IV	I ^r	II ^P
Current account												
1	Exports of goods and services and income receipts	1,418,568	355,842	359,403	365,402	351,834	338,861	355,075	361,236	362,617	354,624	338,335
2	Exports of goods and services	1,065,702	266,347	270,858	273,621	265,614	260,920	265,822	272,497	270,131	269,092	260,507
3	Goods, balance of payments basis ²	772,210	193,698	193,488	200,018	193,701	188,036	191,558	199,273	196,237	194,942	185,838
4	Services ³	293,492	72,649	77,370	73,603	71,913	72,884	74,264	73,224	73,894	74,150	74,669
5	Transfers under U.S. military agency sales contracts ⁴	14,060	3,910	3,329	3,420	3,380	3,580	3,910	3,329	3,420	3,380	3,580
6	Travel	82,042	21,236	23,427	19,487	18,170	20,970	20,976	20,226	20,392	20,777	20,703
7	Passenger fares	20,745	5,237	5,874	5,007	4,648	4,961	5,342	5,213	5,177	5,016	5,057
8	Other transportation	30,185	7,615	7,964	7,571	7,085	7,152	7,619	7,593	7,609	7,418	7,160
9	Royalties and license fees ⁵	38,030	9,270	9,361	10,300	9,304	9,560	9,525	9,538	9,624	9,555	9,843
10	Other private services ⁵	107,568	25,168	27,195	27,953	29,099	26,439	26,679	27,105	27,447	27,777	28,104
11	U.S. Government miscellaneous services	862	213	220	225	227	222	213	220	225	227	222
12	Income receipts	352,866	89,495	88,545	91,781	86,220	77,941	89,253	88,739	92,486	85,532	77,828
13	Income receipts on U.S.-owned assets abroad	350,525	88,912	87,957	91,186	85,606	77,322	88,670	88,151	91,891	84,918	77,209
14	Direct investment receipts	149,240	37,955	37,046	38,930	37,706	35,511	37,591	37,335	39,581	37,081	35,320
15	Other private receipts	197,440	49,941	49,971	51,514	46,920	41,096	49,941	49,771	51,514	46,920	41,096
16	U.S. Government receipts	3,845	1,016	940	742	980	715	1,138	845	796	917	793
17	Compensation of employees	2,341	583	588	595	614	619	583	588	595	614	619
18	Imports of goods and services and income payments	-1,809,099	-452,269	-471,062	-465,770	-440,072	-434,064	-450,748	-463,461	-462,268	-454,668	-432,766
19	Imports of goods and services	-1,441,441	-357,643	-377,282	-374,089	-350,031	-350,242	-356,606	-369,837	-370,424	-364,115	-349,445
20	Goods, balance of payments basis ²	-1,224,417	-301,727	-317,721	-320,468	-297,588	-291,865	-303,229	-313,884	-314,757	-307,462	-293,639
21	Services ³	-217,024	-55,916	-59,561	-53,621	-52,443	-58,377	-53,377	-55,953	-55,667	-56,653	-55,806
22	Direct defense expenditures	-13,560	-3,382	-3,541	-3,375	-3,567	-3,455	-3,382	-3,541	-3,375	-3,567	-3,455
23	Travel	-64,537	-18,320	-18,748	-13,595	-13,675	-18,404	-16,123	-16,075	-15,940	-16,160	-16,235
24	Passenger fares	-24,197	-6,645	-6,923	-5,333	-5,434	-6,944	-6,146	-6,226	-6,020	-5,953	-6,406
25	Other transportation	-41,058	-10,034	-10,932	-10,787	-10,100	-9,765	-10,097	-10,554	-10,718	-10,514	-9,823
26	Royalties and license fees ⁵	-16,106	-3,644	-4,381	-4,561	-4,070	-4,000	-3,715	-4,535	-4,253	-4,166	-4,062
27	Other private services ⁵	-54,687	-13,177	-14,312	-15,243	-14,859	-15,072	-13,200	-14,298	-14,634	-15,555	-15,088
28	U.S. Government miscellaneous services	-2,879	-714	-724	-727	-738	-737	-714	-724	-727	-738	-737
29	Income payments	-367,658	-94,626	-93,780	-91,681	-90,041	-83,822	-94,142	-93,624	-91,844	-90,553	-83,321
30	Income payments on foreign-owned assets in the United States	-360,146	-92,836	-91,854	-89,628	-88,201	-81,969	-92,259	-91,771	-89,920	-88,579	-81,365
31	Direct investment payments	-68,009	-20,051	-16,369	-13,586	-14,030	-12,838	-19,474	-16,286	-13,878	-14,408	-12,234
32	Other private payments	-184,465	-45,884	-48,116	-48,714	-47,180	-42,751	-45,884	-48,116	-47,718	-47,180	-42,751
33	U.S. Government payments	-107,672	-26,901	-27,369	-27,328	-26,991	-26,380	-26,901	-27,369	-27,328	-26,991	-26,380
34	Compensation of employees	-7,512	-1,790	-1,926	-2,053	-1,840	-1,853	-1,883	-1,853	-1,924	-1,974	-1,956
35	Unilateral current transfers, net	-54,136	-11,978	-12,890	-17,067	-12,030	-11,539	-12,461	-13,080	-16,673	-11,734	-12,067
36	U.S. Government grants ⁴	-16,821	-3,232	-3,634	-7,043	-2,419	-2,498	-3,232	-3,634	-7,043	-2,419	-2,498
37	U.S. Government pensions and other transfers	-4,705	-912	-1,024	-1,682	-1,167	-934	-1,179	-1,183	-1,177	-1,237	-1,213
38	Private remittances and other transfers ⁶	-32,610	-7,834	-8,232	-8,342	-8,444	-8,107	-8,050	-8,263	-8,453	-8,078	-8,356
Capital and financial account												
Capital account												
39	Capital account transactions, net	705	173	175	184	173	177	173	175	184	173	177
Financial account												
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-580,952	-95,853	-109,669	-174,798	-246,201	-65,411	-93,573	-107,727	-181,548	-243,120	-63,322
41	U.S. official reserve assets, net	-290	2,020	-346	-1,410	190	-1,343	2,020	-346	-1,410	190	-1,343
42	Gold ⁷	-722	-180	-182	-180	-189	-156	-180	-182	-180	-189	-156
43	Special drawing rights	2,308	2,328	1,300	-1,083	574	-1,015	2,328	1,300	-1,083	574	-1,015
44	Reserve position in the International Monetary Fund	-1,876	-128	-1,464	-1,147	-195	-172	-128	-1,464	-1,147	-195	-172
45	Foreign currencies	-944	-572	114	-359	21	-761	-572	114	-359	21	-761
46	U.S. Government assets, other than official reserve assets, net	-5,177	-1,368	-1,050	-1,009	-1,094	-1,314	-1,368	-1,050	-1,009	-1,094	-1,314
47	U.S. credits and other long-term assets	4,257	855	1,265	808	1,015	555	855	1,265	808	1,015	555
48	Repayments on U.S. credits and other long-term assets ⁸	-24	-59	-101	-158	100	-2	-59	-101	-158	100	-2
49	U.S. foreign currency holdings and U.S. short-term assets, net	-579,718	-97,301	-109,437	-173,029	-246,412	-63,307	-95,021	-107,495	-179,779	-243,331	-61,218
50	U.S. private assets, net	-152,437	-35,626	-43,576	-32,320	-44,021	-37,691	-33,346	-41,634	-39,070	-40,940	-35,602
51	Direct investment	-124,935	-39,639	-33,129	-24,621	-31,591	-48,240	-39,639	-33,129	-24,621	-31,591	-48,240
52	Foreign securities	-163,846	-29,491	-14,585	-44,514	-61,011	13,433	-29,491	-14,585	-44,514	-61,011	13,433
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-138,500	7,455	-18,147	-71,574	-109,789	9,191	7,455	-18,147	-71,574	-109,789	9,191
54	U.S. claims reported by U.S. banks, not included elsewhere	1,024,218	250,178	223,317	293,538	347,052	188,467	250,007	222,108	295,321	346,660	188,002
55	Foreign-owned assets in the United States, net (increase/financial inflow(+))	37,619	6,447	12,247	-3,573	4,898	-22,430	6,447	12,247	-3,573	4,898	-22,430
56	Foreign official assets in the United States, net	30,676	6,334	5,271	-5,240	2,547	-10,849	6,334	5,271	-5,240	2,547	-10,849
57	U.S. Government securities	-10,233	-4,000	-9,001	-13,436	-1,027	-20,781	-4,000	-9,001	-13,436	-1,027	-20,781
58	U.S. Treasury Securities ⁹	40,909	10,334	14,272	8,196	3,574	9,932	10,334	14,272	8,196	3,574	9,932
59	Other ¹⁰	-1,987	-1,000	-220	-293	-1,246	-1,138	-1,000	-220	-293	-1,246	-1,138
60	Other U.S. Government liabilities ¹¹	5,803	209	6,884	980	2,594	-11,471	209	6,884	980	2,594	-11,471
61	U.S. liabilities reported by US banks, not included elsewhere	3,127	904	312	980	1,003	1,028	904	312	980	1,003	1,028
62	Other foreign official assets ¹²	986,599	243,731	211,070	297,111	342,154	210,897	243,560	209,861	298,894	341,762	210,432
63	Other foreign assets in the United States, net	287,655	90,565	77,255	82,924	52,864	67,628	90,394	76,046	84,707	52,472	67,163
64	Direct investment	-52,792	-20,546	-12,503	-10,395	656	-8,275	-20,546	-12,503	-10,395	656	-8,275
65	U.S. Treasury securities	485,644	94,400	128,393	126,643	148,809	132,671	94,400	128,393	126,643	148,809	132,671
66	U.S. securities other than US Treasury securities	1,129	989	757	6,230	2,311	2,772	989	757	6,230	2,311	2,772
67	U.S. currency	177,010	24,400	19,078	48,344	130,624	-34,022	24,400	19,078	48,344	130,624	-34,022
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	87,953	53,923	-1,910	43,365	6,890	50,123	53,923	-1,910	43,365	6,890	50,123
69	U.S. liabilities reported by US banks, not included elsewhere	696	-46,093	10,726	-1,489	-756	-16,491	-48,473	749	2,367	8,065	-18,359
70	Statistical discrepancy (sum of above items with sign reversed)	70a						-2,380	-9,977	3,856	8,821	-1,868
71	Of which seasonal adjustment discrepancy											
Memoranda:												
71	Balance on goods (lines 3 and 20)	-452,207	-108,029	-124,233	-120,450	-103,887	-103,829	-111,671	-114,611	-118,520	-112,520	-107,801
72	Balance on services (lines 4 and 21)	76,468	16,733	17,809	19,982	19,470	14,507	20,887	17,271	18,227	17,497	18,863
73	Balance on goods and services (lines 2 and 19)	-375,739	-91,296	-106,424	-100,468	-84,417	-89,322	-90,784	-97,340	-100,293	-95,023	-88,938
74	Balance on income (lines 12 and 29)	-14,792	-5,131	-5,235	100	-3,821	-5,881	-4,889	-4,885	642	-5,021	-5,493
75	Unilateral current transfers, net (line 35)	-54,136	-11,978	-12,890	-17,067	-12,030	-11,539	-12,461	-13,080	-16,673	-11,734	-12,067
76	Balance on current account (lines 1, 18 and 35 or lines 73, 74, and 75) ¹³	-444,667	-108,405	-124,549								

Table F.3.—U.S. International Transactions, by Area

[Millions of dollars]

Line	(Credits +, debits -) ¹	Western Europe			European Union ¹⁴			United Kingdom			European Union (6) ¹⁵		
		2000	2001		2000	2001		2000	2001		2000	2001	
		IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p
Current account													
1	Exports of goods and services and income receipts	113,025	111,346	108,470	101,245	99,330	96,336	33,437	32,439	32,618	51,086	50,299	48,477
2	Exports of goods and services	73,502	71,644	72,031	66,759	64,081	64,234	19,047	17,233	19,009	36,236	35,371	34,257
3	Goods, balance of payments basis ²	47,192	47,894	45,841	43,226	43,062	40,692	11,038	10,358	11,305	25,545	25,768	23,404
4	Services ³	26,310	23,750	26,190	23,533	21,019	23,542	8,009	6,875	7,704	10,691	9,603	10,853
5	Transfers under U.S. military agency sales contracts ⁴	738	899	1,090	576	556	728	96	82	101	237	196	284
6	Travel	6,328	5,206	6,953	5,752	4,696	6,379	2,592	1,971	2,566	2,155	1,889	2,684
7	Passenger fares	1,680	1,380	1,706	1,632	1,336	1,641	765	580	637	699	616	812
8	Other transportation	2,296	2,212	2,250	1,991	1,873	1,947	486	450	474	1,027	946	987
9	Royalties and license fees ⁵	4,919	4,374	4,503	4,395	3,997	4,104	909	769	813	2,145	1,880	1,917
10	Other private services ⁵	10,304	9,636	9,646	9,146	8,523	8,706	3,153	3,012	3,102	4,400	4,055	4,149
11	U.S. Government miscellaneous services	45	43	42	41	38	37	8	11	11	28	21	20
12	Income receipts	39,523	39,702	36,439	34,486	35,249	32,102	14,390	15,206	13,609	14,850	14,928	14,220
13	Income receipts on U.S.-owned assets abroad	39,485	39,663	36,399	34,451	35,213	32,065	14,372	15,188	13,590	14,837	14,914	14,207
14	Direct investment receipts	16,098	17,368	16,738	13,689	15,122	14,363	4,774	5,737	5,414	6,537	6,977	6,943
15	Other private receipts	23,194	22,010	19,460	20,590	19,838	17,525	9,580	9,451	8,176	8,161	7,754	7,101
16	U.S. Government receipts	193	285	201	172	253	177	18	18	19	139	183	163
17	Compensation of employees	38	39	40	35	36	37	18	18	19	13	14	13
18	Imports of goods and services and income payments	-134,074	-130,835	-133,478	-120,565	-117,303	-119,587	-43,331	-43,633	-43,663	-58,931	-57,206	-58,587
19	Imports of goods and services	-87,745	-84,453	-88,462	-78,640	-75,556	-78,946	-18,214	-17,360	-17,861	-44,839	-44,111	-45,875
20	Goods, balance of payments basis ²	-64,851	-63,104	-62,499	-58,691	-56,885	-56,025	-11,418	-10,964	-10,507	-34,941	-34,681	-34,191
21	Services ³	-22,894	-21,349	-25,963	-19,949	-18,671	-22,921	-6,796	-6,396	-7,354	-9,898	-9,432	-11,684
22	Direct defense expenditures	-2,016	-2,076	-2,005	-1,578	-1,655	-1,655	-161	-161	-160	-1,274	-1,373	-1,380
23	Travel	-4,115	-3,862	-7,155	-3,817	-3,538	-6,436	-1,508	-1,260	-1,771	-1,754	-1,777	-3,326
24	Passenger fares	-2,670	-2,723	-4,092	-2,400	-2,461	-3,697	-960	-1,019	-1,452	-1,024	-1,065	-1,611
25	Other transportation	-3,600	-3,406	-3,342	-2,916	-2,700	-2,694	-684	-601	-639	-1,429	-1,326	-1,315
26	Royalties and license fees ⁵	-2,751	-1,966	-1,817	-2,174	-1,513	-1,404	-394	-346	-227	-1,276	-854	-890
27	Other private services ⁵	-7,448	-7,030	-7,265	-6,810	-6,561	-6,791	-3,068	-2,989	-3,085	-2,937	-2,844	-2,968
28	U.S. Government miscellaneous services	-294	-286	-287	-254	-243	-244	-21	-20	-20	-204	-193	-194
29	Income payments	-46,329	-46,382	-45,016	-41,925	-41,747	-40,641	-25,117	-26,273	-25,802	-14,092	-13,093	-12,712
30	Income payments on foreign-owned assets in the United States	-46,264	-46,318	-44,964	-41,873	-41,696	-40,597	-25,102	-26,258	-25,788	-14,061	-13,063	-12,686
31	Direct investment payments	-10,159	-10,371	-11,001	-9,653	-9,903	-9,832	-3,408	-4,734	-4,714	-5,893	-5,015	-5,093
32	Other private payments	-25,620	-24,989	-23,867	-22,467	-22,156	-21,375	-16,257	-16,080	-15,708	-5,027	-4,976	-4,643
33	U.S. Government payments	-10,485	-10,358	-10,096	-9,753	-9,637	-9,390	-5,437	-5,444	-5,366	-3,141	-3,072	-2,950
34	Compensation of employees	-65	-64	-52	-52	-51	-44	-15	-15	-14	-31	-30	-26
35	Unilateral current transfers, net	-469	-379	-234	-201	-16	12	175	364	370	-94	-101	-91
36	U.S. Government grants ⁶	-78	-187	-116	-1	-1	-	-	-	-	-	-	-
37	U.S. Government pensions and other transfers	-398	-373	-359	-311	-326	-325	-54	-58	-53	-171	-179	-184
38	Private remittances and other transfers ⁶	7	181	241	111	311	337	229	422	423	77	78	93
Capital and financial account													
Capital account													
39	Capital account transactions, net	40	35	35	36	28	28	12	10	10	18	13	13
Financial account													
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-75,922	-188,741	-59,335	-89,017	-161,085	-45,288	-46,986	-113,756	-4,128	-24,666	-44,585	-44,420
41	U.S. official reserve assets, net	-1,200	250	-164	-389	-124	-96	-	-	-	-	-	-
42	Gold ⁷	-	-	-	-	-	-	-	-	-	-	-	-
43	Special drawing rights	-	-	-	-	-	-	-	-	-	-	-	-
44	Reserve position in the International Monetary Fund	-	-	-	-	-	-	-	-	-	-	-	-
45	Foreign currencies	-1,200	250	-164	-389	-124	-96	-	-	-	-	-	-
46	U.S. Government assets, other than official reserve assets, net	246	195	92	188	135	16	136	-1	-1	20	-13	3
47	U.S. credits and other long-term assets	-31	-13	-26	-8	-12	-25	-	-	-	-	-	-
48	Repayments on U.S. credits and other long-term assets ⁸	247	237	112	174	161	40	135	-	-	-	-	-
49	U.S. foreign currency holdings and U.S. short-term assets, net	30	-29	6	22	-14	1	-1	-1	-1	20	-13	3
50	U.S. private assets, net	-74,968	-189,186	-59,263	-88,816	-161,096	-45,208	-47,122	-113,755	-4,127	-24,666	-44,572	-44,423
51	Direct investment	-14,670	-17,143	-22,893	-13,238	-15,691	-18,786	-4,896	-8,875	-3,797	-5,555	-4,864	-14,639
52	Foreign securities	-21,712	-24,131	-25,910	-13,073	-22,341	-27,140	-15,988	-23,354	-6,866	3,524	-1,012	-21,227
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-373	-61,557	-	-7,360	-61,342	-	-2,118	-52,519	-	-1,080	-9,570	-
54	U.S. claims reported by U.S. banks, not included elsewhere	-38,213	-86,355	-10,460	-55,145	-61,722	718	-24,120	-29,007	6,536	-21,575	-29,126	-8,557
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	132,883	272,525	167,773	149,565	252,429	148,942	72,285	177,820	55,559	65,502	65,560	84,668
56	Foreign official assets in the United States, net	-9,492	-1,482	-4,420	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
57	U.S. Government securities	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
58	U.S. Treasury Securities ⁹	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
59	Other ¹⁰	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
60	Other U.S. Government liabilities ¹¹	19	-341	-479	(¹⁸)	-60	-66	9	18	5	25	24	-61
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
62	Other foreign official assets ¹²	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
63	Other foreign assets in the United States, net	142,375	274,007	172,193	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
64	Direct investment	63,160	50,085	61,761	49,913	38,154	60,089	14,874	10,883	6,647	25,533	27,092	51,579
65	U.S. Treasury securities	(¹⁷)	(¹⁷)	(¹⁷)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)	(¹⁸)
66	U.S. securities other than U.S. Treasury securities	81,088	96,831	78,427	81,406	91,059	75,791	56,543	61,404	54,440	19,326	23,699	16,414
67	U.S. currency	-	-	-	-	-	-	-	-	-	-	-	-
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	28,101	108,476	-	39,805	88,977	13,128	24,024	74,383	-	14,924	12,921	-
69	U.S. liabilities reported by U.S. banks, not included elsewhere	(¹⁷)	(¹⁷)	(¹⁷)	-21,647	34,299	13,128	-23,165	31,132	-5,533	5,694	1,824	16,736
70	Statistical discrepancy (sum of above items with sign reversed)	-35,483	-63,951	-83,231	-41,063	-73,383	-80,443	-15,592	-53,244	-40,766	-32,915	-13,980	-30,060
Memoranda:													
71	Balance on goods (lines 3 and 20)	-17,659	-15,210	-16,658	-15,465	-13,823	-15,333	-380	-606	798	-9,396	-8,913	-10,787
72	Balance on services (lines 4 and 21)	3,416	2,401	227	3,584	2,348	621	1,213	479	350	793	171	-831
73	Balance on goods and services (lines 2 and 19)	-14,243	-12,809	-16,431	-11,881	-11,475	-14,712	833	-127	1,148	-8,603	-8,742	-11,618
74	Balance on income (lines 12 and 29)	-6,806	-6,680	-8,577	-7,439	-6,498	-8,539	-10,727	-11,067	-12,193	758	1,835	1,508
75	Unilateral current transfers, net (line 35)	-469	-379	-234	-201	-16	12	175	364	370	-94	-101	-91
76	Balance on current account												

Table F.3.—U.S. International Transactions, by Area—Continued

[Millions of dollars]

Line	(Credits +, debits -) ¹	Eastern Europe			Canada			Latin America and Other Western Hemisphere			Japan		
		2000	2001		2000	2001		2000	2001		2000	2001	
		IV	I ^r	II ^P	IV	I ^r	II ^P	IV	I ^r	II ^P	IV	I ^r	II ^P
Current account													
1	Exports of goods and services and income receipts	3,732	3,934	3,795	56,851	55,941	57,041	79,099	73,560	70,407	29,958	27,724	25,195
2	Exports of goods and services	2,630	2,819	2,922	49,898	49,378	50,972	57,995	54,452	54,060	25,500	24,939	22,890
3	Goods, balance of payments basis ²	1,641	1,694	1,829	44,281	42,649	44,643	44,073	41,410	40,606	16,743	16,062	14,574
4	Services ³	989	1,125	1,093	5,617	6,729	6,329	13,922	13,042	13,454	8,757	8,877	8,316
5	Transfers under U.S. military agency sales contracts ⁴	63	131	142	40	25	48	190	159	238	134	227	164
6	Travel	313	296	362	1,338	1,973	1,889	5,581	4,852	5,291	2,483	2,709	2,355
7	Passenger fares	21	18	27	364	587	480	1,459	1,308	1,357	902	797	844
8	Other transportation	78	58	60	669	621	683	877	802	813	877	809	833
9	Royalties and license fees ⁵	69	63	68	571	513	507	841	747	794	1,883	1,736	1,761
10	Other private services ⁵	432	545	420	2,514	2,986	2,698	4,932	5,132	4,918	2,461	2,578	2,343
11	U.S. Government miscellaneous services	13	14	14	21	24	24	42	42	43	17	21	16
12	Income receipts	1,102	1,115	873	6,953	6,563	6,069	21,104	19,108	16,347	4,458	2,785	2,305
13	Income receipts on U.S.-owned assets abroad	1,097	1,110	868	6,934	6,543	6,049	21,072	19,074	16,314	4,456	2,783	2,303
14	Direct investment receipts	513	475	376	3,749	3,684	3,489	5,123	4,566	4,291	2,347	1,535	1,216
15	Other private receipts	543	511	483	3,185	2,859	2,560	15,863	14,411	11,932	2,102	1,236	1,078
16	U.S. Government receipts	41	124	9	.....	.....	.....	86	97	91	7	12	9
17	Compensation of employees	5	5	5	19	20	20	32	34	33	2	2	2
18	Imports of goods and services and income payments	-5,147	-5,652	-4,831	-65,336	-62,088	-63,366	-83,701	-80,677	-77,541	-53,569	-50,395	-45,716
19	Imports of goods and services	-4,404	-4,951	-4,155	-63,789	-61,629	-63,888	-63,819	-61,619	-61,034	-43,192	-39,478	-36,113
20	Goods, balance of payments basis ²	-3,947	-4,438	-3,256	-60,154	-57,875	-59,195	-53,964	-51,560	-50,826	-38,600	-34,630	-31,164
21	Services ³	-457	-513	-899	-3,635	-3,754	-4,693	-9,855	-10,059	-10,208	-4,592	-4,848	-4,949
22	Direct defense expenditures	-29	-45	-45	-18	-23	-20	-90	-99	-90	-320	-282	-370
23	Travel	-171	-244	-524	-1,081	-1,030	-1,842	-4,107	-4,571	-4,702	-652	-664	-794
24	Passenger fares	-62	-51	-129	-170	-136	-197	-755	-736	-798	-253	-216	-257
25	Other transportation	-59	-50	-53	-881	-841	-849	-852	-786	-780	-1,466	-1,366	-1,310
26	Royalties and license fees ⁵	-19	-9	-17	-265	-239	-444	-300	-264	-268	-938	-1,358	-1,210
27	Other private services ⁵	-103	-99	-117	-1,168	-1,425	-1,282	-3,620	-3,476	-3,442	-928	-925	-972
28	U.S. Government miscellaneous services	-14	-15	-14	-52	-60	-59	-131	-127	-128	-35	-37	-36
29	Income payments	-743	-701	-676	-1,547	-459	522	-19,882	-19,058	-16,507	-10,377	-10,917	-9,603
30	Income payments on foreign-owned assets in the United States	-729	-687	-666	-1,482	-392	584	-18,158	-17,546	-14,901	-10,359	-10,900	-9,592
31	Direct investment payments	-25	-37	-56	536	1,396	2,256	-713	-655	-313	-1,130	-1,827	-1,042
32	Other private payments	-307	-253	-222	-1,464	-1,264	-1,158	-14,097	-13,396	-11,156	-2,468	-2,878	-2,122
33	U.S. Government payments	-397	-397	-388	-554	-524	-514	-3,348	-3,495	-3,432	-6,761	-6,695	-6,428
34	Compensation of employees	-14	-14	-10	-65	-67	-62	-1,724	-1,512	-1,606	-18	-17	-11
35	Unilateral current transfers, net	-742	-909	-1,077	-170	-199	-174	-3,986	-4,156	-4,097	-43	-113	-48
36	U.S. Government grants ⁶	-276	-399	-596	.....	.....	.....	-505	-506	-456	.....	.....	.....
37	U.S. Government pensions and other transfers	-12	-13	-11	-12	-130	-140	-228	-189	-168	-29	-30	-24
38	Private remittances and other transfers ⁶	-454	-497	-470	-45	-69	-34	-3,253	-3,461	-3,473	-14	-83	-24
Capital and financial account													
Capital account													
39	Capital account transactions, net	7	4	4	27	31	29	68	58	65	6	8	8
Financial account													
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-198	-1,028	165	-14,844	-5,436	-13,348	-87,570	-18,332	16,838	3,771	-22,192	-2,207
41	U.S. official reserve assets, net .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,053	-445	-8
42	Gold ⁷ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Reserve position in the International Monetary Fund .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Foreign currencies .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,053	-445	-8
46	U.S. Government assets, other than official reserve assets, net	48	19	-33	.....	.....	.....	-62	-82	59	3	-1	-1
47	U.S. credits and other long-term assets	-153	-2	-36	.....	.....	.....	-158	-249	-69	.....	.....	.....
48	Repayments on U.S. credits and other long-term assets ⁸	201	21	3	.....	.....	.....	106	175	128	.....	.....	.....
49	U.S. foreign currency holdings and U.S. short-term assets, net .....	.....	.....	.....	.....	.....	.....	-10	-8	.....	3	-1	-1
50	U.S. private assets, net	-246	-1,047	198	-14,844	-5,436	-13,348	-87,508	-18,250	16,779	2,715	-21,746	-2,198
51	Direct investment	-384	-1,188	-454	-4,514	-4,537	-4,266	-3,459	-9,173	-1,888	-1,984	-2,619	-346
52	Foreign securities	459	885	180	-6,801	623	-2,293	-3,375	-3,254	-11,349	2,654	-6,150	-6,890
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-49	183	.....	-919	3,608	.....	-45,311	4,400	10,036	937	-5,231	.....
54	U.S. claims reported by U.S. banks, not included elsewhere	-272	-927	472	-2,610	-5,130	-6,789	-35,363	-10,223	19,980	1,108	-7,746	5,038
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	5,818	-56	8,312	14,868	2,210	9,450	76,150	33,653	-6,432	35,767	4,612	7,874
56	Foreign official assets in the United States, net	(18)	(18)	(18)	-449	-2,000	1,153	(18)	(18)	(18)	(18)	(18)	(18)
57	U.S. Government securities	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
58	U.S. Treasury Securities ⁹	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
59	Other ¹⁰	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
60	Other US Government liabilities ¹¹	1	9	-1	-22	-2	-24	61	68	-109	-120	-235	-87
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
62	Other foreign official assets ¹²	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	(18)	(18)	(18)	15,317	4,210	8,297	(18)	(18)	(18)	(18)	(18)	(18)
64	Direct investment	-67	175	1,435	9,957	1,170	846	1,651	235	849	3,499	-141	796
65	U.S. Treasury securities	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	1,082	265	325	6,490	5,273	5,188	5,005	15,175	24,486	18,959	8,228	9,105
67	U.S. currency .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	34	-168	.....	3,447	4,442	.....	17,901	18,899	-31,288	3,946	-1,508	.....
69	U.S. liabilities reported by U.S. banks, not included elsewhere	4,768	-337	6,553	(17)	(17)	(17)	51,532	-724	-370	9,483	-1,732	-1,940
70	Statistical discrepancy (sum of above items with sign reversed)	-3,470	3,707	-6,368	8,604	9,541	10,368	19,940	-4,106	760	-15,890	40,356	14,894
Memoranda:													
71	Balance on goods (lines 3 and 20)	-2,306	-2,744	-1,427	-15,873	-15,226	-14,552	-9,891	-10,150	-10,220	-21,857	-18,568	-16,590
72	Balance on services (lines 4 and 21)	532	612	194	1,982	2,975	1,636	4,067	2,983	3,246	4,165	4,029	3,367
73	Balance on goods and services (lines 2 and 19)	-1,774	-2,132	-1,233	-13,891	-12,251	-12,916	-5,824	-7,167	-6,974	-17,692	-14,539	-13,223
74	Balance on income (lines 12 and 29)	359	414	197	5,406	6,104	6,591	1,222	50	-160	-5,919	-8,132	-7,298
75	Unilateral current transfers, net (line 35)	-742	-909	-1,077	-170	-199	-174	-3,986	-4,156	-4,097	-43	-113	-48
76	Balance on current account (lines 1, 18 and 35 or lines 73, 74, and 75) ¹³	-2,157	-2,627	-2,113	-8,655	-6,346	-6,499	-8,588	-11,273	-11,231	-23,654	-22,784	-20,569

13. Conceptually, line 76 is equal to "net foreign investment" in the national income and product accounts (NIPAs). However, the foreign transactions account in the NIPAs (a) includes adjustments to the international transactions accounts for the treatment of gold, (b) includes adjustments for the different geographical treatment of transactions with U.S. territories and Puerto Rico, and (c) includes services furnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of the balance on goods and services from the international accounts and the NIPA net exports appears in

reconciliation table 2 in appendix A in this issue. A reconciliation of the other foreign transactions in the two sets of accounts appears in table 4.5B of the full set of NIPA tables published annually in the August issue of the Survey.

14. The "European Union" includes the "European Union (6)," United Kingdom, Denmark, Ireland, Greece, Spain, and Portugal. Beginning with the first quarter of 1995, the "European Union" also includes Austria, Finland, and Sweden.

Table F.3.—U.S. International Transactions, by Area—Continued

[Millions of dollars]

Line	(Credits +, debits -) ¹	Australia			Other countries in Asia and Africa			International organizations and unallocated ¹⁶		
		2000	2001		2000	2001		2000	2001	
		IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p
Current account										
1	Exports of goods and services and income receipts	6,386	5,463	5,646	67,250	65,272	59,637	9,101	8,594	8,670
2	Exports of goods and services	4,273	3,996	4,134	58,213	56,853	52,383	1,610	1,533	1,528
3	Goods, balance of payments basis ²	2,940	2,704	2,638	43,148	41,288	37,905	.....	.....	.....
4	Services ³	1,333	1,292	1,496	15,065	15,565	14,478	1,610	1,533	1,528
5	Transfers under U.S. military agency sales contracts ⁴	34	61	108	2,221	1,878	1,790	.....	.....	.....
6	Travel	406	365	502	2,938	2,769	3,618	.....	.....	.....
7	Passenger fares	125	113	131	456	445	416	.....	.....	.....
8	Other transportation	78	72	77	2,557	2,371	2,309	139	140	127
9	Royalties and license fees ⁵	186	177	185	1,298	1,210	1,243	533	484	499
10	Other private services ⁵	502	502	491	5,510	6,811	5,021	938	909	902
11	U.S. Government miscellaneous services	2	2	2	85	81	81	.....	.....	.....
12	Income receipts	2,113	1,467	1,512	9,037	8,419	7,254	.....	.....	.....
13	Income receipts on U.S.-owned assets abroad	2,112	1,466	1,511	9,017	8,398	7,233	7,491	7,061	7,142
14	Direct investment receipts	1,129	580	668	6,135	5,536	4,757	3,836	3,962	3,976
15	Other private receipts	983	886	843	2,647	2,588	2,228	2,997	2,419	2,512
16	U.S. Government receipts	.....	.....	.....	235	274	248	180	188	157
17	Compensation of employees	.....	1	1	20	21	21	478	492	497
18	Imports of goods and services and income payments	-2,944	-2,528	-3,341	-117,210	-104,148	-102,114	-3,789	-3,749	-3,677
19	Imports of goods and services	-2,526	-2,331	-2,538	-107,916	-94,838	-93,364	-698	-732	-688
20	Goods, balance of payments basis ²	-1,669	-1,457	-1,664	-97,283	-84,524	-83,261	.....	.....	.....
21	Services ³	-857	-874	-874	-10,633	-10,314	-10,103	-698	-732	-688
22	Direct defense expenditures	-16	-16	-15	-886	-1,026	-910	.....	.....	.....
23	Travel	-342	-398	-400	-3,127	-2,906	-2,987	.....	.....	.....
24	Passenger fares	-176	-164	-155	-1,247	-1,408	-1,316	.....	.....	.....
25	Other transportation	-59	-58	-55	-3,433	-3,119	-2,941	-437	-474	-435
26	Royalties and license fees ⁵	-16	-13	-16	-91	-81	-90	-181	-140	-138
27	Other private services ⁵	-239	-217	-225	-1,657	-1,570	-1,654	-80	-117	-115
28	U.S. Government miscellaneous services	-9	-8	-8	-192	-204	-205	.....	.....	.....
29	Income payments	-418	-197	-803	-9,294	-9,310	-8,750	-3,091	-3,017	-2,989
30	Income payments on foreign-owned assets in the United States	-416	-195	-802	-9,129	-9,146	-8,639	-3,091	-3,017	-2,989
31	Direct investment payments	17	195	-438	11	-31	-133	-2,123	-2,100	-2,111
32	Other private payments	-291	-253	-237	-3,503	-3,736	-3,117	-964	-911	-872
33	U.S. Government payments	-142	-137	-127	-5,637	-5,379	-5,389	-4	-6	-6
34	Compensation of employees	-2	-2	-1	-165	-164	-111	.....	.....	.....
35	Unilateral current transfers, net	-75	-90	-84	-8,852	-4,186	-3,870	-2,730	-1,998	-1,955
36	U.S. Government grants ⁴	.....	.....	.....	-6,016	-1,074	-1,159	-168	-253	-171
37	U.S. Government pensions and other transfers	-11	-11	-10	-123	-154	-132	-756	-267	-90
38	Private remittances and other transfers ⁶	-64	-79	-74	-2,713	-2,958	-2,579	-1,806	-1,478	-1,694
Capital and financial account										
Capital account										
39	Capital account transactions, net	2	1	1	34	36	35	.....	.....	.....
Financial account										
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	521	1,255	774	4,940	-11,054	-5,188	-5,496	-673	-3,110
41	U.S. official reserve assets, net	.....	.....	.....	.....	.....	.....	-1,263	385	-1,171
42	Gold ⁷	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights	.....	.....	.....	.....	.....	.....	-180	-189	-156
44	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	-1,083	574	-1,015
45	Foreign currencies	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	U.S. Government assets, other than official reserve assets, net	.....	.....	.....	-236	245	-501	-358	-355	-377
47	U.S. credits and other long-term assets	.....	.....	.....	-309	-475	-806	-358	-355	-377
48	Repayments on U.S. credits and other long-term assets ⁸	.....	.....	.....	254	582	312	.....	.....	.....
49	U.S. foreign currency holdings and US short-term assets, net	.....	.....	.....	-181	138	-7	.....	.....	.....
50	U.S. private assets, net	521	1,255	774	5,176	-11,299	-4,687	-3,875	-703	-1,562
51	Direct investment	-1,236	938	-615	-2,765	-6,939	-3,604	-3,308	-3,360	-3,625
52	Foreign securities	-69	-53	-1,992	4,655	-569	-108	-432	1,058	122
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	1,775	-61	.....	-494	-2,355	.....	-80	2	3,397
54	U.S. claims reported by U.S. banks, not included elsewhere	51	431	3,381	3,780	-1,436	-975	-55	1,597	-1,456
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	2,524	-786	-641	20,236	29,420	-2,969	5,292	5,474	5,099
56	Foreign official assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	1
57	U.S. Government securities	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
58	U.S. Treasury Securities ⁹	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
59	Other ¹⁰	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
60	Other U.S. Government liabilities ¹¹	35	3	-53	-267	-748	-386	.....	.....	1
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
62	Other foreign official assets ¹²	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
63	Other foreign assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	5,292	5,474	5,099
64	Direct investment	1,082	-4	-392	1,904	-489	389	1,738	1,833	1,944
65	U.S. Treasury securities	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	571	-129	-582	13,596	22,876	15,756	-148	290	-34
67	U.S. currency	.....	.....	.....	.....	.....	.....	6,230	2,311	2,772
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	-25	224	.....	-5,129	215	.....	69	44	-2,734
69	U.S. liabilities reported by U.S. banks, not included elsewhere	861	-880	386	10,132	7,566	-18,728	-2,597	996	3,151
70	Statistical discrepancy (sum of above items with sign reversed)	-6,414	-3,315	-2,355	33,602	24,660	54,469	-2,378	-7,648	-5,028
Memoranda:										
71	Balance on goods (lines 3 and 20)	1,271	1,247	974	-54,135	-43,236	-45,356	.....	.....	.....
72	Balance on services (lines 4 and 21)	476	418	622	4,432	5,251	4,375	912	801	840
73	Balance on goods and services (lines 2 and 19)	1,747	1,665	1,596	-49,703	-37,985	-40,981	912	801	840
74	Balance on income (lines 12 and 29)	1,695	1,270	709	-257	-891	-1,496	4,400	4,044	4,153
75	Unilateral current transfers, net (line 35)	-75	-90	-84	-8,852	-4,186	-3,870	-2,730	-1,998	-1,955
76	Balance on current account (lines 1, 18 and 35 or lines 73, 74, and 75) ¹³	3,367	2,845	2,221	-58,812	-43,062	-46,347	2,582	2,847	3,038

15. The "European Union (6)" includes Belgium, France, Germany (includes the former German Democratic Republic (East Germany) beginning in the fourth quarter of 1990), Italy, Luxembourg, Netherlands, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank.

16. Includes, as part of international and unallocated, the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas drilling equipment internationally, and in petroleum trading. Also includes taxes withheld; current-cost adjustments associated with U.S. and foreign direct investment; small transactions in business services that are not reported by country; and net U.S. currency flows, for

which geographic source data are not available.

17. Details not shown separately; see totals in lines 56 and 63.

18. Details not shown separately are included in line 69.

NOTE.—The data in tables F.2 and F.3 are from tables 1 and 10 in "U.S. International Transactions, Second Quarter 2001" in the October 2001 issue of the Survey, which presents the most recent estimates from the U.S. international transactions accounts.

Table F.4—Private Services Transactions

[Millions of dollars]

Line	2000	Not seasonally adjusted						Seasonally adjusted				
		2000			2001			2000			2001	
		II	III	IV	I ^r	II ^p	II	III	IV	I ^r	II ^p	
1	Exports of private services	278,570	68,526	73,821	69,958	68,306	69,082	70,141	69,675	70,249	70,543	70,867
2	Travel (table F2, line 6).....	82,042	21,236	23,427	19,487	18,170	20,970	20,976	20,226	20,392	20,777	20,703
3	Passenger fares (table F2, line 7).....	20,745	5,237	5,874	5,007	4,648	4,961	5,342	5,213	5,177	5,016	5,057
4	Other transportation (table F2, line 8).....	30,185	7,615	7,964	7,571	7,085	7,152	7,619	7,593	7,609	7,418	7,160
5	Freight.....	13,236	3,319	3,342	3,388	3,093	3,082	3,297	3,372	3,333	3,139	3,062
6	Port services.....	16,950	4,296	4,622	4,183	3,992	4,070	4,322	4,221	4,276	4,279	4,098
7	Royalties and license fees (table F2, line 9).....	38,030	9,270	9,361	10,300	9,304	9,560	9,525	9,538	9,624	9,555	9,843
8	Affiliated.....	26,621	6,447	6,485	7,365	6,301	6,485	6,702	6,662	6,689	6,552	6,768
9	U.S. parents' receipts.....	24,444	6,044	5,939	6,558	5,697	5,876	6,203	6,071	6,047	5,909	6,026
10	U.S. affiliates' receipts.....	2,177	403	546	807	604	609	499	591	642	643	742
11	Unaffiliated.....	11,409	2,823	2,876	2,935	3,003	3,075	2,823	2,876	2,935	3,003	3,075
12	Industrial processes ¹	4,421	1,095	1,116	1,138	1,159	1,181	1,095	1,116	1,138	1,159	1,181
13	Other ²	6,987	1,728	1,759	1,798	1,843	1,894	1,728	1,759	1,798	1,843	1,894
14	Other private services (table F2, line 10).....	107,568	25,168	27,195	27,593	29,099	26,439	26,679	27,105	27,447	27,777	28,104
15	Affiliated services.....	31,628	7,505	7,797	8,872	8,495	8,485	7,738	7,954	8,212	8,786	8,767
16	U.S. parents' receipts.....	19,604	4,860	4,701	5,422	4,926	5,165	4,897	4,894	5,016	5,110	5,201
17	U.S. affiliates' receipts.....	12,024	2,645	3,096	3,450	3,569	3,320	2,841	3,060	3,196	3,676	3,566
18	Unaffiliated services.....	75,940	17,663	19,398	18,721	20,604	17,954	18,941	19,151	19,235	18,991	19,337
19	Education.....	10,287	1,292	2,778	2,114	4,365	1,377	2,540	2,608	2,668	2,649	2,726
20	Financial services.....	17,042	4,371	4,309	4,138	3,727	3,724	4,371	4,309	4,138	3,727	3,724
21	Insurance, net.....	2,412	595	671	667	770	796	595	671	667	770	796
22	Premiums received.....	8,898	2,182	2,294	2,375	2,425	2,456	2,182	2,294	2,375	2,425	2,456
23	Losses paid.....	6,486	1,587	1,624	1,708	1,655	1,660	1,587	1,624	1,708	1,655	1,660
24	Telecommunications.....	3,843	963	952	941	950	986	963	952	941	950	986
25	Business, professional, and technical services.....	28,026	6,949	7,018	7,099	7,149	7,316	6,949	7,018	7,099	7,149	7,316
26	Other unaffiliated services ³	14,331	3,494	3,671	3,762	3,642	3,755	3,524	3,594	3,722	3,745	3,789
27	Imports of private services	200,585	51,820	55,296	49,519	48,138	54,185	49,281	51,688	51,565	52,348	51,614
28	Travel (table F2, line 23).....	64,537	18,320	18,748	13,595	13,675	18,404	16,123	16,075	15,940	16,160	16,235
29	Passenger fares (table F2, line 24).....	24,197	6,645	6,923	5,333	5,434	6,944	6,146	6,226	6,020	5,953	6,406
30	Other transportation (table F2, line 25).....	41,058	10,034	10,932	10,787	10,100	9,765	10,097	10,554	10,718	10,514	9,823
31	Freight.....	26,979	6,530	7,243	7,192	6,791	6,325	6,548	6,977	7,171	7,088	6,341
32	Port services.....	14,083	3,504	3,689	3,595	3,309	3,440	3,549	3,577	3,547	3,426	3,482
33	Royalties and license fees (table F2, line 26).....	16,106	3,644	4,381	4,561	4,070	4,000	3,715	4,535	4,253	4,166	4,062
34	Affiliated.....	12,170	2,807	3,001	3,645	3,174	3,084	2,878	3,155	3,337	3,270	3,146
35	U.S. parents' payments.....	2,184	530	542	570	539	563	530	542	570	539	563
36	U.S. affiliates' payments.....	9,986	2,277	2,459	3,075	2,635	2,521	2,348	2,613	2,767	2,731	2,583
37	Unaffiliated.....	3,936	837	1,380	916	896	916	837	1,380	916	896	916
38	Industrial processes ¹	1,852	459	464	472	486	501	459	464	472	486	501
39	Other ²	2,084	378	916	444	410	415	378	916	444	410	415
40	Other private services (table F2, line 27).....	54,687	13,177	14,312	15,243	14,859	15,072	13,200	14,298	14,634	15,555	15,088
41	Affiliated services.....	25,300	6,041	6,333	7,222	6,899	6,988	6,065	6,464	6,568	7,476	7,005
42	U.S. parents' payments.....	12,980	3,138	3,205	3,528	3,130	3,556	3,140	3,304	3,098	3,462	3,563
43	U.S. affiliates' payments.....	12,320	2,903	3,128	3,694	3,769	3,432	2,925	3,160	3,470	4,014	3,442
44	Unaffiliated services.....	29,387	7,136	7,979	8,021	7,960	8,084	7,135	7,834	8,066	8,079	8,083
45	Education.....	2,140	525	689	526	466	611	524	544	570	585	610
46	Financial services.....	4,482	1,157	1,195	1,027	1,104	1,069	1,157	1,195	1,027	1,104	1,069
47	Insurance, net.....	9,189	2,058	2,730	3,167	3,100	3,122	2,058	2,730	3,167	3,100	3,122
48	Premiums paid.....	27,923	6,809	7,242	7,569	7,791	7,951	6,809	7,242	7,569	7,791	7,951
49	Losses recovered.....	18,734	4,750	4,512	4,401	4,691	4,829	4,750	4,512	4,401	4,691	4,829
50	Telecommunications.....	5,360	1,337	1,331	1,283	1,252	1,217	1,337	1,331	1,283	1,252	1,217
51	Business, professional, and technical services.....	7,776	1,949	1,925	1,905	1,936	1,950	1,949	1,925	1,905	1,936	1,950
52	Other unaffiliated services ³	440	110	109	113	102	116	110	109	113	102	116
Memoranda:												
53	Balance on goods (table F2, line 71).....	-452,207	-108,029	-124,233	-120,450	-103,887	-103,829	-111,671	-114,611	-118,520	-112,520	-107,801
54	Balance on private services (line 1 minus line 27).....	77,985	16,706	18,525	20,439	20,168	14,897	20,860	17,987	18,684	18,195	19,253
55	Balance on goods and private services (lines 53 and 54).....	-374,222	-91,323	-105,708	-100,011	-83,719	-88,932	-90,811	-96,624	-99,836	-94,325	-88,548

^p Preliminary.^r Revised.

1. Patented techniques, processes, and formulas and other intangible property rights that are used in goods production.

2. Copyrights, trademarks, franchises, rights to broadcast live events, software licensing fees, and other intangible property rights.

3. Other unaffiliated services receipts (exports) include mainly expenditures of foreign governments and inter-

national organizations in the United States and film and television tape rentals. Payments (imports) include mainly expenditures of U.S. residents temporarily working abroad and film and television tape rentals.

NOTE.—The data in this table are from table 3 in "U.S. International Transactions, Second Quarter 2001" in the October 2001 issue of the SURVEY, which presents the most recent estimates from the U.S. international transactions accounts.

G. Investment Tables

Table G.1.—International Investment Position of the United States at Yearend, 1999 and 2000

[Millions of dollars]

Line	Type of investment	Position, 1999 ^r	Changes in position in 2000 (decrease (-))				Total (a+b+c+d)	Position, 2000 ^r
			Attributable to:					
			Financial flows	Valuation adjustments				
				Price changes	Exchange rate changes ¹	Other changes ²		
		(a)	(b)	(c)	(d)			
Net international investment position of the United States:								
1	With direct investment positions at current cost (line 3 less line 24)	-1,099,786	-443,266	-189,189	-161,397	50,975	-742,877	-1,842,663
2	With direct investment positions at market value (line 4 less line 25)	-1,525,347	-443,266	-42,232	-233,846	57,247	-662,097	-2,187,444
U.S.-owned assets abroad:								
3	With direct investment positions at current cost (lines 5+10+15) ...	5,921,099	580,952	-162,350	-194,351	21,862	246,113	6,167,212
4	With direct investment positions at market value (lines 5+10+16) ...	7,206,320	580,952	-364,486	-264,903	31,909	-16,528	7,189,792
5	U.S. official reserve assets	136,418	290	-4,134	-4,157	-17	-8,018	128,400
6	Gold	75,950	.....	³ -4,134	.....	⁴ -17	-4,151	71,799
7	Special drawing rights	10,336	722	.....	-519	.....	203	10,539
8	Reserve position in the International Monetary Fund	17,950	-2,308	.....	-818	.....	-3,126	14,824
9	Foreign currencies	32,182	1,876	.....	-2,820	.....	-944	31,238
10	U.S. Government assets, other than official reserve assets	84,227	944	.....	.....	.....	944	85,171
11	U.S. credits and other long-term assets ⁵	81,657	920	.....	.....	.....	920	82,577
12	Repayable in dollars	81,367	929	.....	.....	.....	929	82,296
13	Other ⁶	290	-9	.....	.....	.....	-9	281
14	U.S. foreign currency holdings and U.S. short-term assets	2,570	24	.....	.....	.....	24	2,594
U.S. private assets:								
15	With direct investment at current cost (lines 17+19+22+23)	5,700,454	579,718	-158,216	-190,194	21,879	253,187	5,953,641
16	With direct investment at market value (lines 18+19+22+23)	6,985,675	579,718	-360,352	-260,746	31,926	-9,454	6,976,221
Direct investment abroad:								
17	At current cost	1,327,954	152,437	6,128	-21,975	-19,367	117,223	1,445,177
18	At market value	2,613,175	152,437	-196,008	-92,527	-9,320	-145,418	2,467,757
19	Foreign securities	2,604,383	124,935	-164,344	-158,470	.....	-197,879	2,406,504
20	Bonds	577,745	25,200	-10,672	-14,579	.....	-51	577,694
21	Corporate stocks	2,026,638	99,735	-153,672	-143,891	.....	-197,828	1,828,810
22	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	667,732	163,846	.....	-6,327	.....	157,519	825,251
23	U.S. claims reported by U.S. banks, not included elsewhere	1,100,385	138,500	.....	-3,422	41,246	176,324	1,276,709
Foreign-owned assets in the United States:								
24	With direct investment at current cost (lines 26+33)	7,020,885	1,024,218	26,839	-32,954	-29,113	988,990	8,009,875
25	With direct investment at market value (lines 26+34)	8,731,667	1,024,218	-322,254	-31,057	-25,338	645,569	9,377,236
26	Foreign official assets in the United States	870,364	37,619	14,446	.....	.....	52,065	922,429
27	U.S. Government securities	628,907	30,676	17,314	.....	.....	47,990	676,897
28	U.S. Treasury securities	578,225	-10,233	14,352	.....	.....	4,119	582,344
29	Other	50,682	40,909	2,962	.....	.....	43,871	94,553
30	Other U.S. Government liabilities ⁷	15,486	-1,987	.....	.....	.....	-1,987	13,499
31	U.S. liabilities reported by U.S. banks, not included elsewhere	138,847	5,803	.....	.....	.....	5,803	144,650
32	Other foreign official assets	87,124	3,127	-2,868	.....	.....	259	87,383
Other foreign assets:								
33	With direct investment at current cost (lines 35+37+38+41+42+43) ...	6,150,521	986,599	12,393	-32,954	-29,113	936,925	7,087,446
34	With direct investment at market value (lines 36+37+38+41+42+43)	7,861,303	986,599	-336,700	-31,057	-25,338	593,504	8,454,807
Direct investment in the United States:								
35	At current cost	1,094,439	287,655	102	-1,897	-10,794	275,066	1,369,505
36	At market value	2,805,221	287,655	-348,991	.....	-7,019	-68,355	2,736,866
37	U.S. Treasury securities	660,693	-52,792	31,783	.....	.....	-21,009	639,684
38	U.S. securities other than U.S. Treasury securities	2,522,009	485,644	-19,492	-24,188	.....	441,964	2,963,973
39	Corporate and other bonds	1,061,924	292,904	43,619	-24,188	.....	312,335	1,374,259
40	Corporate stocks	1,460,085	192,740	-63,111	.....	.....	129,629	1,589,714
41	U.S. currency	250,657	1,129	.....	.....	.....	1,129	251,786
42	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	555,566	177,010	.....	-1,519	-8,319	167,172	722,738
43	U.S. liabilities reported by U.S. banks, not included elsewhere	1,067,157	87,953	.....	-5,350	-10,000	72,603	1,139,760

^p Preliminary.^r Revised.

1. Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.

2. Includes changes in coverage, statistical discrepancies, and other adjustments to the value of assets.

3. Reflects changes in the value of the official gold stock due to fluctuations in the market price of gold.

4. Reflects changes in gold stock from U.S. Treasury sales of gold medallions and commemorative and bullion coins; also reflects replenishment through open market purchases. These demonetizations/monetizations are not included in international transactions financial flows.

5. Also includes paid-in capital subscriptions to international financial institutions and outstanding amounts of miscellaneous claims that have been settled through international agreements to be payable to the U.S. Government over periods in excess of 1 year. Excludes World War I debts that are not being serviced.

6. Includes indebtedness that the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services.

7. Primarily U.S. Government liabilities associated with military sales contracts and other transactions arranged with or through foreign official agencies.

NOTE.—The data in this table are from table 1 in "The International Investment Position of the United States at Yearend 2000," in the July 2001 issue of the SURVEY OF CURRENT BUSINESS.

Table G.2.—U.S. Direct Investment Abroad: Selected Items, by Country and by Industry of Foreign Affiliate, 1998–2000

[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital outflows (inflows (-))			Income		
	1998	1999	2000	1998	1999	2000	1998	1999	2000
All countries, all industries	1,000,703	1,130,789	1,244,654	131,004	142,551	139,257	90,676	109,179	134,787
By country									
Canada.....	98,200	111,051	126,421	7,832	15,947	18,301	7,601	11,986	14,518
Europe.....	518,433	588,341	648,731	86,129	82,016	76,935	50,695	55,982	67,154
<i>Of which:</i>									
France.....	42,328	40,009	39,087	4,323	1,585	1,220	2,164	1,722	2,406
Germany.....	47,685	50,892	53,610	3,051	5,796	2,173	5,081	5,100	4,350
Netherlands.....	89,978	105,571	115,506	22,213	8,337	10,927	10,078	11,315	11,888
Switzerland.....	38,225	48,849	54,873	8,223	11,108	8,578	6,152	6,759	7,161
United Kingdom.....	183,035	212,007	233,384	29,094	35,019	28,976	11,852	14,604	21,833
Latin America and Other Western Hemisphere.....	196,755	220,705	239,388	16,699	20,601	19,947	17,019	18,909	19,116
<i>Of which:</i>									
Bermuda.....	41,908	47,119	54,114	2,358	4,025	7,507	3,658	4,295	5,793
Brazil.....	37,195	34,276	35,560	4,382	1,291	2,285	2,807	1,586	1,803
Mexico.....	26,657	32,262	35,414	4,593	5,084	3,542	3,760	4,507	4,258
Panama.....	25,924	33,027	35,407	682	1,834	1,819	1,823	2,077	1,325
Africa.....	14,061	14,884	15,813	3,075	1,611	1,149	1,399	2,016	2,973
Middle East.....	10,739	10,519	11,851	2,092	611	1,920	1,021	1,139	2,117
Asia and Pacific.....	159,678	181,882	199,599	14,715	20,992	20,951	12,380	18,984	28,881
<i>Of which:</i>									
Australia.....	31,483	34,776	35,324	6,284	4,100	1,464	1,908	2,466	3,625
Japan.....	41,423	49,438	55,606	6,428	5,179	8,060	2,010	4,130	7,266
International.....	2,837	3,406	2,851	462	773	53	561	163	27
By industry									
Petroleum.....	91,248	97,864	105,486	7,491	11,676	10,403	7,227	10,094	18,524
Manufacturing.....	290,070	312,072	343,992	23,122	34,102	44,101	29,683	33,966	39,268
Food and kindred products.....	35,304	35,151	36,840	2,133	257	2,645	4,305	3,805	3,847
Chemicals and allied products.....	79,446	83,524	86,081	6,110	7,960	4,210	8,213	9,356	9,995
Primary and fabricated metals.....	18,379	18,930	18,713	2,897	1,213	477	1,234	1,432	1,709
Industrial machinery and equipment.....	30,928	34,944	42,523	1,789	4,877	8,521	5,699	4,379	6,839
Electronic and other electric equipment.....	32,077	37,474	43,441	2,820	5,716	9,113	2,053	4,153	5,177
Transportation equipment.....	33,888	36,133	41,099	-1,356	5,736	7,254	2,417	4,556	3,646
Other manufacturing.....	60,048	65,916	75,294	8,728	8,344	11,882	5,762	6,284	8,055
Wholesale trade.....	68,742	80,254	88,090	5,524	11,849	10,288	8,992	10,477	13,079
Depository institutions.....	40,020	38,382	37,155	2,112	-1,338	-2,306	734	1,655	1,788
Finance, (except depository institutions), insurance, and real estate.....	375,368	443,263	497,267	62,229	55,011	58,344	34,765	41,429	50,996
Services.....	59,148	70,398	79,857	11,934	11,632	11,455	6,089	8,486	8,738
Other industries.....	76,108	88,556	92,809	18,591	19,618	6,971	3,186	3,072	2,395

NOTE.—In this table, unlike in the international transactions accounts, income and capital outflows are shown without a current-cost adjustment, and income is shown net of withholding taxes. In addition, unlike in the international investment position, the direct investment position is valued at historical cost.

The data in this table are from tables 16 and 17 in "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, 2000" in the September 2001 issue of the SURVEY OF CURRENT BUSINESS.

Table G.3.—Selected Financial and Operating Data for Nonbank Foreign Affiliates and Majority-Owned Nonbank Foreign Affiliates of U.S. Companies by Country and by Industry of Affiliate, 1998

	All nonbank affiliates						Majority-owned nonbank foreign affiliates (MOFA's)						
	Millions of dollars					Thou- sands of employ- ees	Millions of dollars						Thou- sands of employ- ees
	Total assets	Sales	Net income	U.S. ex- ports of goods shipped to affil- iates	U.S. im- ports of goods shipped by affil- iates		Total assets	Sales	Net income	Gross product	U.S. ex- ports of goods shipped to MOFA's	U.S. im- ports of goods shipped by MOFA's	
All countries, all industries	4,000,842	2,443,350	155,292	217,153	187,610	8,388.0	3,434,808	2,027,782	136,957	510,735	210,634	178,150	6,899.9
By country													
Canada	313,647	263,849	10,666	67,776	70,577	935.3	284,995	242,668	9,992	54,739	65,988	67,601	862.1
Europe	2,302,253	1,331,199	90,889	63,782	36,638	3,532.2	2,093,970	1,148,312	84,422	303,505	62,802	35,463	3,145.2
<i>Of which:</i>													
France	171,797	141,586	4,391	(D)	3,907	501.1	146,118	123,941	4,538	35,915	5,362	3,729	447.9
Germany	279,338	253,825	11,759	8,322	4,542	643.1	233,313	188,259	9,820	56,464	8,304	4,519	590.0
Netherlands	244,324	140,385	16,601	(D)	(D)	179.9	226,984	118,114	14,904	20,243	13,605	2,739	167.5
United Kingdom	1,025,588	366,114	15,646	13,839	9,924	1,038.7	973,745	334,572	16,128	90,735	13,803	9,854	953.5
Latin America and Other Western Hemisphere	570,042	297,670	31,792	37,081	37,759	1,807.4	434,375	230,736	22,728	61,336	35,677	36,271	1,416.4
<i>Of which:</i>													
Brazil	129,977	83,715	5,003	4,168	2,882	395.1	84,673	64,555	3,239	21,922	4,015	2,753	341.5
Mexico	99,105	98,344	8,861	24,660	27,223	907.1	55,006	65,147	4,114	13,961	23,802	26,061	668.9
Africa	47,990	28,033	2,155	887	(D)	202.9	35,867	20,830	1,551	6,752	856	1,542	111.2
Middle East	40,169	22,443	1,506	938	(D)	88.6	16,591	9,340	784	3,764	696	855	49.5
Asia and Pacific	707,708	492,388	17,224	46,689	39,734	1,810.8	558,121	371,509	16,796	79,129	44,615	36,419	1,305.4
<i>Of which:</i>													
Australia	96,615	65,874	2,629	4,761	1,290	291.0	75,555	52,315	2,209	16,756	4,731	1,217	221.6
Japan	298,485	182,288	4,006	13,514	4,773	404.2	232,322	103,644	3,133	23,648	12,185	2,003	187.8
International	19,032	7,768	1,060	0	0	10.9	10,888	4,387	684	1,510	0	0	10.1
By industry													
Petroleum	341,685	340,447	10,269	4,762	11,414	241.8	252,603	233,056	6,988	89,484	4,655	11,383	176.9
Manufacturing	982,117	1,087,302	56,908	136,201	156,492	4,652.9	839,666	954,037	52,342	251,442	131,652	147,637	3,977.3
Food and kindred products	129,038	133,141	7,492	3,501	5,161	646.6	95,899	108,529	6,362	26,570	3,187	4,788	434.9
Chemicals and allied products	236,473	200,698	19,537	15,429	10,117	609.3	209,859	179,830	18,517	55,040	14,707	9,661	543.6
Primary and fabricated metals	51,675	43,506	1,870	3,253	3,597	228.4	43,460	35,206	1,546	10,729	3,004	3,274	190.0
Industrial machinery and equipment	131,304	173,128	8,266	21,487	34,919	602.1	123,477	163,797	8,088	34,758	21,211	34,193	563.6
Electronic and other electric equipment	90,176	110,418	3,231	21,574	25,787	781.8	82,424	103,537	3,003	22,774	21,462	24,972	721.4
Transportation equipment	147,949	241,818	5,604	54,872	62,580	752.4	118,489	204,365	5,472	41,618	52,939	57,746	642.0
Other manufacturing	195,501	184,593	10,909	16,085	14,329	1032.4	166,060	158,773	9,355	59,952	15,141	13,002	881.7
Wholesale trade	244,358	438,792	16,207	69,521	16,740	601.2	238,236	420,288	15,893	59,109	68,119	16,468	569.7
Finance (except depository institutions), insurance, and real estate	1,794,120	154,402	51,409	31	8	239.5	1,732,655	146,236	49,514	22,912	27	8	222.0
Services	194,427	150,262	7,500	2,047	814	1086.6	173,177	135,679	7,120	52,509	2,010	813	962.8
Other industries	444,134	272,145	12,998	4,590	2,142	1,566.0	198,472	138,486	5,099	35,279	4,172	1,840	991.1

D Suppressed to avoid disclosure of data of individual companies.

NOTE.—The data in this table are from "U.S. Multinational Companies: Operations in 1998" in the July 2000 issue of the SURVEY OF CURRENT BUSINESS.

Table G.4.—Foreign Direct Investment in the United States: Selected Items, by Country of Foreign Parent and by Industry of U.S. Affiliate, 1998–2000

[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital inflows (outflows (-))			Income		
	1998	1999	2000	1998	1999	2000	1998	1999	2000
All countries, all industries	778,418	965,632	1,238,627	174,434	294,976	281,115	32,402	49,780	60,157
By country									
Canada	72,696	76,526	100,822	15,959	21,241	27,975	1,382	1,998	912
Europe	518,576	670,030	890,611	153,111	239,088	224,261	25,495	39,706	45,904
<i>Of which:</i>									
France	59,925	82,276	119,069	11,368	25,406	41,965	1,691	3,119	5,562
Germany	93,289	111,706	122,846	42,986	23,144	11,351	4,348	6,341	2,603
Luxembourg	26,804	57,047	83,304	13,819	27,633	26,777	1,187	2,634	4,839
Netherlands	92,298	125,775	152,432	6,533	40,412	22,462	6,139	7,430	9,221
Switzerland	48,263	53,706	81,698	4,509	3,365	21,850	854	4,351	4,171
United Kingdom	137,489	166,900	229,762	60,335	108,613	73,667	7,268	12,649	16,171
Latin America and Other Western Hemisphere.....	28,056	38,104	42,700	-2,569	16,410	4,326	1,286	1,120	2,928
<i>Of which:</i>									
Bermuda	3,735	12,590	14,942	-161	9,368	2,208	194	58	-320
Mexico	2,055	1,730	2,471	871	1,269	902	216	175	87
Panama	6,227	5,475	4,004	988	-209	-1,398	864	752	644
United Kingdom Islands, Caribbean.....	9,885	11,082	12,513	-1,469	4,474	1,005	-77	229	1,919
Africa	853	1,547	2,119	-601	417	670	-93	-78	10
Middle East	4,126	4,432	8,373	-762	372	3,909	274	149	1,855
Asia and Pacific.....	154,111	174,993	194,002	9,295	17,448	19,974	4,057	6,885	8,550
<i>Of which:</i>									
Australia	10,520	13,230	14,487	1,506	2,363	2,429	302	325	486
Japan	134,340	153,119	163,215	8,024	15,489	10,043	4,300	6,165	7,337
By industry									
Petroleum	49,028	51,890	92,856	58,924	5,650	48,067	1,442	4,811	13,915
Manufacturing.....	333,233	399,525	496,578	83,406	90,884	95,058	19,320	26,735	25,550
Food and kindred products.....	22,117	19,599	23,442	-7,369	-1,518	4,800	657	1,549	1,796
Chemicals and allied products.....	93,804	97,327	122,083	7,401	8,635	22,241	6,816	7,202	6,296
Primary and fabricated metals.....	18,923	20,125	21,561	1,054	2,058	6,099	1,610	1,072	1,233
Machinery	62,564	83,917	118,920	22,452	37,647	32,941	1,701	1,732	4,679
Other manufacturing	135,825	178,556	210,571	59,869	44,062	28,976	8,535	15,180	11,546
Wholesale trade	87,611	94,657	109,611	10,073	14,214	16,871	4,509	5,314	7,705
Retail trade.....	20,447	24,843	32,091	3,730	4,651	4,097	843	1,595	1,688
Depository institutions.....	46,257	61,539	68,619	5,420	19,024	9,569	2,586	3,002	3,992
Finance, except depository institutions.....	48,517	62,450	88,082	4,370	15,893	19,657	-1,286	927	1,252
Insurance	74,581	85,290	106,403	4,020	22,233	25,799	3,391	3,722	5,737
Real estate	39,545	40,248	42,300	1,760	1,966	1,203	147	1,494	2,007
Services	40,506	60,878	102,955	4,931	22,519	42,410	1,143	2,067	815
Other industries	38,693	84,311	99,134	-2,201	97,942	18,384	307	112	-2,504

NOTE.—In this table, unlike in the international transactions accounts, income and capital inflows are shown without a current-cost adjustment, and income is shown net of withholding taxes. In addition, unlike in the international investment position, the direct investment position is valued at historical cost.

The data in this table are from tables 16 and 17 in "Foreign Direct Investment in the United States: Detail for Historical-Cost Position and Related Capital and Income Flows 2000" in the September issue of the SURVEY OF CURRENT BUSINESS.

Table G.5.—Selected Financial and Operating Data of Nonbank U.S. Affiliates and Majority-Owned Nonbank U.S. Affiliates of Foreign Companies by Country of Ultimate Beneficial Owner and by Industry of Affiliate, 1999

	All nonbank affiliates							Majority-owned nonbank affiliates						
	Millions of dollars				Thousands of employees	Millions of dollars		Millions of dollars				Thousands of employees	Millions of dollars	
	Total assets	Sales	Net income	Gross product		U.S. exports of goods shipped by affiliates	U.S. imports of goods shipped to affiliates	Total assets	Sales	Net income	Gross product		U.S. exports of goods shipped by affiliates	U.S. imports of goods shipped to affiliates
All countries, all industries.....	4,135,217	2,035,356	27,535	451,656	6,003.3	152,229	307,111	3,597,658	1,781,554	23,715	390,957	5,031.1	139,272	294,794
By country														
Canada	410,254	159,743	-584	43,037	665.2	7,515	16,292	381,234	140,605	-1,128	36,538	535.5	7,336	15,763
Europe	2,707,203	1,199,123	24,545	294,501	3,901.1	84,693	128,625	2,519,797	1,050,593	24,067	257,653	3,278.4	78,028	127,050
<i>Of which:</i>														
France	512,368	167,417	-1,822	42,243	604.9	16,358	15,331	446,301	126,929	-103	29,436	368.8	(D)	15,067
Germany	507,652	313,152	7,702	70,181	847.7	31,637	53,194	486,648	282,137	6,881	61,175	693.4	30,564	52,565
Netherlands	449,446	182,093	4,360	35,618	484.8	5,309	15,932	422,053	146,733	2,950	31,491	470.1	5,008	15,898
Sweden	68,619	43,021	1,600	10,849	147.6	4,274	4,344	68,193	42,392	1,577	10,696	146.0	4,258	4,320
Switzerland	507,157	104,189	4,166	31,153	434.6	5,353	6,907	491,571	93,461	3,598	26,053	343.9	5,121	6,770
United Kingdom	536,127	279,117	9,189	81,981	965.6	15,713	19,028	499,954	268,026	8,313	79,198	917.1	15,195	18,827
Latin America and Other														
Western Hemisphere	121,614	76,125	-1,303	20,731	290.7	6,139	12,164	112,627	68,769	-1,243	19,361	276.5	5,961	10,248
<i>Of which:</i>														
Bermuda	49,590	26,206	-590	8,898	168.6	(D)	1,204	47,694	25,946	-576	8,859	166.2	(D)	1,202
Mexico	11,293	10,394	-142	1,754	33.9	864	2,770	9,600	8,824	-151	1,440	29.5	760	2,376
Panama	3,659	2,252	67	898	12.4	(D)	166	3,542	2,186	59	(D)	J	(D)	166
United Kingdom Islands, Caribbean	34,405	9,251	-548	1,677	36.0	78	(D)	33,694	8,984	-547	1,570	34.2	73	(D)
Venezuela	12,844	18,502	204	4,974	8.7	169	4,925	(D)	(D)	(D)	(D)	H	(D)	(D)
Africa	5,411	4,704	89	1,250	13.2	375	215	5,363	(D)	(D)	1,212	13.0	(D)	213
Middle East	18,103	12,599	348	2,863	48.6	696	1,194	15,607	10,899	296	2,103	35.6	682	1,117
Asia and Pacific	654,272	543,281	-521	79,454	1,018.3	50,852	147,074	546,812	487,946	1,175	69,230	860.6	45,094	139,011
<i>Of which:</i>														
Australia	67,343	31,184	612	6,760	84.8	1,375	1,465	55,840	24,748	614	5,240	67.8	(D)	(D)
Japan	534,484	453,423	-327	64,721	834.2	41,180	123,867	445,221	411,798	753	56,965	715.8	37,744	119,816
United States	218,361	39,781	4,961	9,820	66.2	1,959	1,548	16,218	(D)	(D)	4,860	31.5	(D)	1,391
By industry¹														
Manufacturing	982,809	906,382	16,514	236,165	2,616.7	96,527	140,924	895,031	805,166	14,757	216,110	2,386.3	88,410	131,842
<i>Of which:</i>														
Food	43,908	50,426	255	10,950	156.3	2,441	4,162	43,026	48,818	225	10,580	149.8	2,364	4,151
Chemicals	206,151	142,527	3,359	41,288	363.2	14,575	15,373	187,635	128,549	2,589	37,146	327.0	13,218	14,952
Primary and fabricated metals	64,822	59,500	650	15,498	211.6	4,421	7,549	51,839	48,278	580	13,080	186.9	3,626	6,700
Machinery	62,054	50,952	-26	14,664	222.6	7,086	7,104	58,535	46,672	198	13,684	208.1	6,398	6,373
Computers and electronic products	98,773	108,226	-2,878	22,454	291.0	16,991	33,685	89,620	101,277	-2,593	21,068	275.1	15,098	30,906
Electrical equipment, appliances, and components	41,001	39,974	128	10,744	189.9	7,187	3,246	39,771	38,441	33	10,246	183.8	6,784	3,173
Transportation equipment	185,592	201,609	7,767	43,211	422.6	30,476	45,064	178,711	189,445	7,287	40,397	390.6	28,729	43,032
Wholesale trade	303,806	500,839	5,350	54,664	518.4	48,629	157,366	293,111	470,013	6,385	52,406	461.7	44,199	155,256
Retail trade	70,956	114,300	1,555	28,359	737.0	1,521	4,303	49,779	84,317	698	20,050	545.7	(D)	3,606
Information	212,450	91,453	-3,423	27,581	332.2	1,053	160	143,342	63,263	845	18,809	224.2	1,033	80
<i>Of which:</i>														
Publishing industries	62,715	32,183	416	11,605	133.8	(D)	(D)	(D)	28,304	-115	9,208	120.8	(D)	78
Broadcasting and telecommunications	117,541	46,671	-4,278	12,502	142.5	6	(D)	59,400	23,337	440	6,173	52.2	2	3
Finance (except depository institutions) and insurance	2,162,809	206,641	9,750	27,969	263.6	0	1	1,893,509	180,668	3,613	22,927	226.9	0	1
Real estate and rental and leasing	131,014	26,037	903	11,850	52.2	(D)	562	110,094	21,570	527	9,332	42.0	(D)	562
Professional, scientific, and technical services	27,319	21,865	-1,002	7,991	119.3	(D)	357	23,407	19,846	-216	7,829	102.3	463	357
Other industries	244,053	167,840	-2,112	57,078	1,363.7	3,777	3,440	189,383	136,710	-2,895	43,495	1,041.9	3,661	3,089

D Suppressed to avoid disclosure of data of individual companies.

1. The industry classification system used to classify the data for U.S. affiliates is based on the North American Industry Classification System. Prior to 1997, the affiliate data were classified using an industry classification system based on the Standard Industrial Classification system.

NOTES.—The data in this table are from BEA's annual survey of the operations of U.S. affiliates of foreign

companies; see "U.S. Affiliates of Foreign Companies: Operations in 1999," in the August 2001 issue of the SURVEY OF CURRENT BUSINESS.

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

H. International Perspectives

Quarterly data in this table are shown in the middle month of the quarter.

Table H.1.—International Perspectives

	1999	2000	2000					2001								
			July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Exchange rates per U.S. dollar (not seasonally adjusted) ¹																
Canada (Can\$/US\$).....	1.4858	1.4855	1.4778	1.4828	1.4864	1.5125	1.5426	1.5219	1.5032	1.5216	1.5587	1.5578	1.5411	1.5245	1.5308	1.5399
Euro zone (US\$/Euro) ²	1.0653	0.9234	0.9386	0.9045	0.8695	0.8525	0.8552	0.8983	0.9376	0.9205	0.9083	0.8925	0.8753	0.8530	0.8615	0.9014
Japan (¥/US\$).....	1.1373	1.0782	1.0821	1.0808	1.0684	1.0844	1.0901	1.1221	1.1667	1.1623	1.2151	1.2377	1.2177	1.2235	1.2450	1.2137
Mexico (Peso/US\$).....	9.5530	9.4590	9.4190	9.2720	9.3610	9.5370	9.5080	9.4670	9.7690	9.7110	9.5990	9.3280	9.1480	9.0880	9.1680	9.1330
United Kingdom (US\$/£).....	1.6172	1.5159	1.5076	1.4889	1.4336	1.4506	1.4258	1.4629	1.4775	1.4525	1.4445	1.4348	1.4265	1.4020	1.4148	1.4372
Addendum: Exchange value of the U.S. dollar ³	116.87	119.93	119.34	120.12	121.53	123.27	124.21	123.28	123.14	123.77	125.91	126.97	126.77	127.58	128.07	125.97
Unemployment rates (percent, monthly data seasonally adjusted)																
Canada.....	7.6	6.8	6.8	7.1	6.9	6.9	6.9	6.8	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.2
France.....	11.0	9.5	9.5	9.5	9.4	9.2	9.1	9.0	8.9	8.7	8.7	8.7	8.7	8.8	8.9	9.0
Germany.....	10.5	9.6	9.5	9.4	9.4	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.3	9.3	9.3	9.3
Italy.....	11.4	10.6	.....	10.4	.....	.....	10.0	.....	.....	9.9	.....	.....	9.6	.....	.....	9.4
Japan.....	4.7	4.7	4.7	4.6	4.7	4.7	4.8	4.9	4.9	4.7	4.7	4.8	4.9	4.9	5.0	5.0
Mexico.....	2.5	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.3	2.5	2.3
United Kingdom.....	4.2	3.6	3.6	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1
Addendum: United States.....	4.2	4.0	4.0	4.1	3.9	3.9	4.0	4.0	4.2	4.2	4.3	4.5	4.4	4.5	4.5	4.9
Consumer prices (monthly data seasonally adjusted, 1995=100)																
Canada.....	106.1	109.0	109.5	109.3	109.8	110.0	110.4	110.5	110.1	110.6	110.9	111.7	112.7	112.8	112.4	112.4
France.....	104.6	106.3	106.2	106.4	107.0	106.8	107.1	107.0	106.6	106.9	107.4	107.9	108.6	108.6	108.4	108.4
Germany.....	104.9	107.0	107.4	107.2	107.7	107.5	107.7	107.8	108.3	109.0	109.1	109.5	110.0	110.2	110.2	110.0
Italy.....	110.0	112.8	113.0	113.1	113.3	113.7	114.0	114.1	114.6	115.0	115.1	115.6	115.9	116.2	116.3	116.3
Japan.....	102.2	101.5	101.3	101.6	101.5	101.5	101.2	101.3	101.0	101.0	100.8	101.0	101.1	100.8	100.5	100.9
Mexico.....	219.1	239.9	239.8	241.1	242.9	244.6	246.7	249.3	250.7	250.6	252.1	253.4	254.0	254.6	253.9	255.4
United Kingdom.....	111.0	114.2	114.4	114.4	115.2	115.1	115.5	115.5	114.8	115.4	115.5	116.1	116.9	117.0	116.3	116.7
Addendum: United States.....	109.3	113.1	113.3	113.4	113.9	114.1	114.4	114.6	115.3	115.6	115.7	116.0	116.5	116.8	116.4	116.5
Real gross domestic product (percent change from preceding quarter, quarterly data seasonally adjusted at annual rates)																
Canada.....	5.1	4.4	.....	4.5	.....	.....	1.6	.....	.....	2.0	.....	.....	0.4	.....	.....	.....
France.....	3.0	3.4	.....	3.2	.....	.....	3.3	.....	.....	1.7	.....	.....	1.0	.....	.....	.....
Germany.....	1.7	3.2	.....	0.5	.....	.....	0.6	.....	.....	1.6	.....	.....	-0.1	.....	.....	.....
Italy.....	1.6	2.9	.....	1.6	.....	.....	3.3	.....	.....	3.4	.....	.....	0.1	.....	.....	.....
Japan.....	0.8	1.5	.....	-2.7	.....	.....	2.6	.....	.....	0.5	.....	.....	-3.2	.....	.....	.....
Mexico.....	3.8	6.9	.....	7.3	.....	.....	5.1	.....	.....	1.9	.....	.....	0	.....	.....	.....
United Kingdom.....	2.1	2.9	.....	2.8	.....	.....	2.0	.....	.....	2.6	.....	.....	1.8	.....	.....	2.4
Addendum: United States.....	4.1	4.1	.....	1.3	.....	.....	1.9	.....	.....	1.3	.....	.....	0.3	.....	.....	-0.4
Short-term, 3-month, interest rates (percent, not seasonally adjusted)																
Canada.....	4.89	5.78	5.98	5.87	5.84	5.83	5.86	5.74	5.44	5.16	4.69	4.61	4.42	4.41	4.31	4.06
Euro zone.....	2.97	4.39	4.58	4.78	4.85	5.04	5.09	4.93	4.77	4.76	4.71	4.69	4.64	4.45	4.47	4.35
Mexico.....	22.38	16.15	14.62	15.71	16.15	17.06	18.01	17.41	18.50	18.07	16.47	15.40	12.61	10.27	10.25	8.54
United Kingdom.....	5.45	6.10	6.11	6.13	6.12	6.08	6.00	5.88	5.75	5.69	5.46	5.33	5.16	5.19	5.19	4.92
Addendum: United States.....	4.66	5.84	5.93	6.11	5.99	6.10	6.18	5.83	5.27	4.93	4.50	3.91	3.66	3.48	3.54	3.39
Long-term interest rates, government bond yields (percent, not seasonally adjusted)																
Canada.....	5.68	5.92	5.84	5.77	5.81	5.79	5.78	5.58	5.71	5.69	5.60	5.85	6.03	5.97	6.05	5.85
Euro zone.....	4.66	5.44	5.45	5.40	5.47	5.42	5.34	5.07	5.01	5.02	4.94	5.10	5.26	5.21	5.25	5.06
France.....	4.94	5.89	6.00	6.04	5.93	5.92	5.78	5.55	5.48	5.60	5.36	5.47	5.60	5.57	5.46	5.29
Germany.....	4.50	5.27	5.30	5.20	5.30	5.20	5.20	4.90	4.80	4.78	4.67	4.83	5.05	5.00	5.02	4.82
Italy.....	4.73	5.58	5.59	5.56	5.63	5.58	5.55	5.30	5.18	5.18	5.13	5.28	5.45	5.39	5.40	5.22
Japan.....	1.75	1.74	1.69	1.75	1.88	1.82	1.76	1.62	1.51	1.42	1.17	1.32	1.25	1.15	1.31	1.34
United Kingdom.....	5.08	5.31	5.20	5.29	5.34	5.19	5.07	4.90	4.86	4.84	4.73	4.95	5.12	5.20	5.19	4.96
Addendum: United States.....	5.65	6.03	6.05	5.83	5.80	.....	5.74	5.72	5.24	5.10	4.89	5.14	5.39	5.28	5.24	4.97
Share price indices (not seasonally adjusted, 1995=100)																
Canada.....	159.2	216.7	234.7	253.7	234.1	198.9	201.5	210.2	182.2	171.6	179.2	184.1	174.5	173.4	166.9	
France.....	234.6	321.7	332.6	336.5	336.5	316.5	317.0	303.6	299.7	292.8	271.0	276.0	288.0	273.8	259.4	
Germany.....	204.9	260.3	262.9	261.8	256.6	242.6	240.7	227.0	227.4	225.1	207.7	207.3	213.5	208.9	201.3	
Italy.....	245.5	319.0	327.7	325.4	327.1	316.6	331.8	312.1	306.8	297.4	272.7	281.6	282.8	267.9	259.3	
Japan.....	98.0	97.7	90.9	97.5	91.0	84.1	84.7	79.7	80.0	74.5	75.2	80.6	76.7	75.0	68.6	
Mexico.....	240.3	293.6	293.5	300.3	285.4	288.1	254.7	254.7	292.7	271.8	258.1	269.8	297.2	300.4	291.7	
United Kingdom.....	168.5	178.5	182.3	180.7	179.2	172.5	172.2	167.4	165.0	163.5	154.4	153.9	157.5	145.5	143.2	
Addendum: United States.....	212.7	221.4	224.4	228.8	232.5	222.1	222.1	221.7	223.4	222.6	207.3	208.5	221.3	216.7	210.7	207.6

1. All exchange rates are from the Board of Governors of the Federal Reserve System.

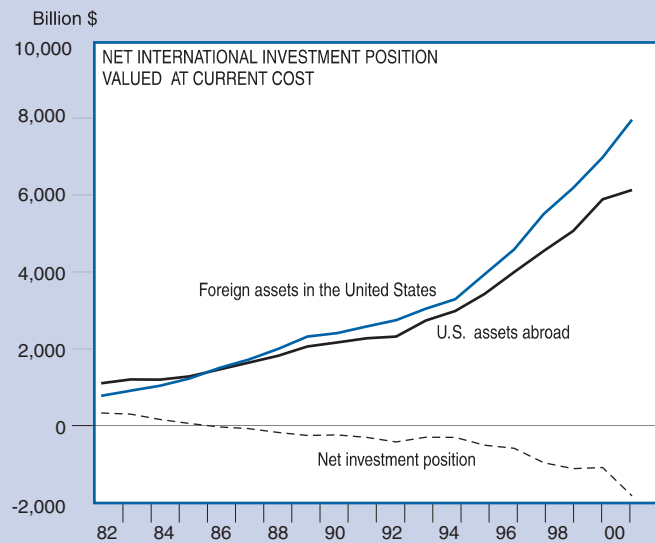
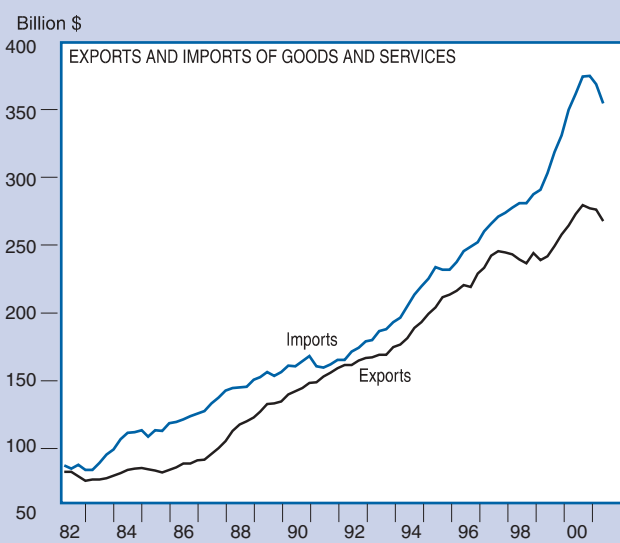
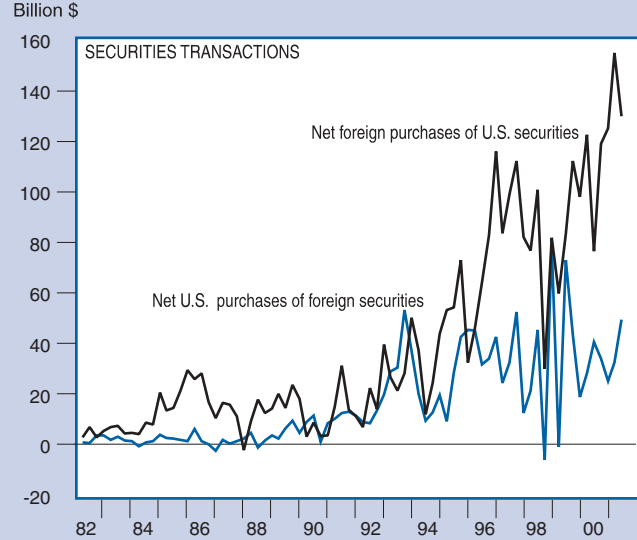
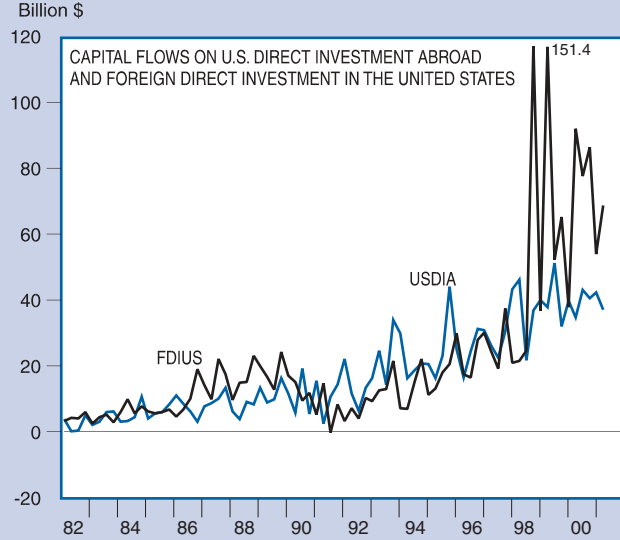
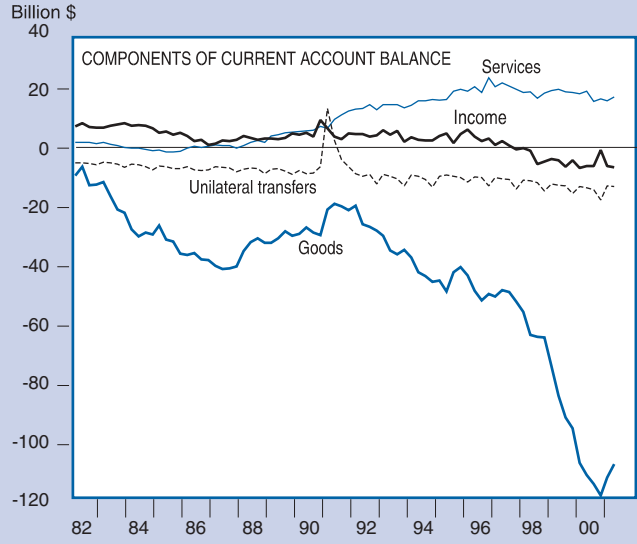
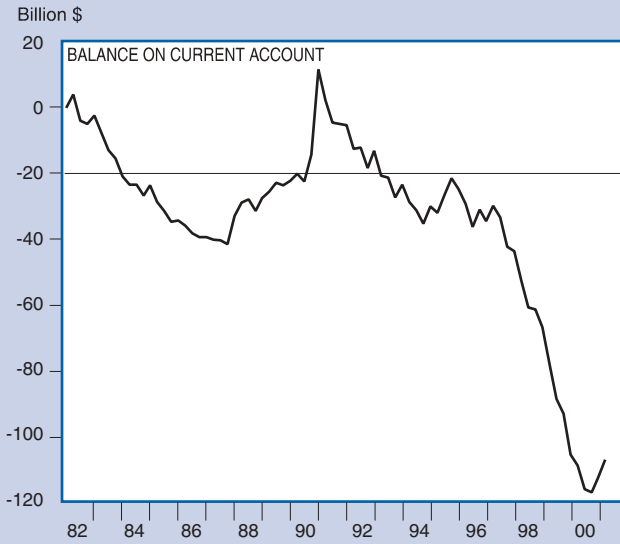
2. Rates for selected euro-area currencies can be derived by using the following conversion rates: 1 euro = 6.55957 French francs, 1.95583 German marks, and 1936.27 Italian lire.

3. The rate shown for the United States is an index of the weighted average of the foreign exchange value of the U.S. dollar against the currencies of a broad group of major U.S. trading partners, January 1997=100. For more information on the exchange rate indexes, see "New Summary Measures of the Foreign Exchange Value of the Dollar," *Federal Reserve Bulletin*, vol. 84 (October 1998), pp. 811-18.

NOTE.—U.S. interest rates, unemployment rates, and GDP growth rates are from the Federal Reserve, the Bureau of Labor Statistics, and BEA, respectively. GDP growth rates for other countries are calculated from levels published by those countries. Most other data (including U.S. consumer prices and U.S. share prices, both of which have been rebased to 1995 to facilitate comparison) are © OECD and are reproduced with permission.

I. Charts

THE U.S. IN THE INTERNATIONAL ECONOMY



Regional Data

J. State and Regional Tables

The tables in this section include the most recent estimates of State personal income and gross state product. The sources of these estimates are noted.

The quarterly and annual State personal income estimates and the gross state product estimates are available on CD-ROM. For information on State personal income, e-mail reis.rem@bea.doc.gov; write to the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5360. For information on gross state product, e-mail gspread@bea.doc.gov; write to the Regional Economic Analysis Division, BE-61, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5340.

Table J.1.—Personal Income by State and Region

[Millions of dollars, seasonally adjusted at annual rates]

Area name	1997		1998				1999				2000				2001		Percent change ¹ 2001:I- 2001:II
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	
United States	6,970,231	7,089,802	7,247,217	7,375,568	7,483,561	7,568,669	7,623,542	7,711,739	7,811,071	7,932,240	8,097,740	8,264,219	8,374,722	8,512,567	8,632,966	8,705,009	0.8
New England	409,760	417,856	425,381	434,503	441,766	447,460	448,905	455,499	464,988	472,092	487,310	494,517	502,804	512,981	523,084	527,487	0.8
Connecticut.....	116,723	119,083	122,269	124,027	125,931	127,658	127,443	129,131	131,424	132,786	135,970	138,448	140,111	142,690	146,216	147,235	0.7
Maine.....	27,768	28,280	28,659	29,294	29,787	30,079	29,946	30,527	31,388	31,041	31,753	32,364	32,534	32,996	34,070	34,276	0.6
Massachusetts.....	192,496	196,179	198,961	204,203	207,472	210,087	211,639	214,799	219,571	224,609	233,514	236,408	241,958	247,074	250,708	253,165	1.0
New Hampshire.....	32,707	33,367	34,015	34,883	35,789	36,372	36,419	37,103	37,861	38,571	40,073	40,504	41,007	42,165	42,926	43,251	0.8
Rhode Island.....	26,308	26,840	27,056	27,446	27,905	28,273	28,378	28,607	29,164	29,381	30,009	30,360	30,802	31,227	31,912	32,190	0.9
Vermont.....	13,757	14,106	14,421	14,650	14,882	14,991	15,080	15,332	15,579	15,703	15,991	16,433	16,390	16,828	17,252	17,369	0.7
Mideast	1,321,218	1,345,607	1,372,131	1,395,665	1,411,817	1,420,120	1,439,506	1,446,396	1,467,645	1,477,726	1,512,578	1,545,487	1,564,588	1,602,664	1,624,312	1,638,221	0.9
Delaware.....	20,361	20,685	21,388	21,862	21,978	22,203	22,634	22,701	23,078	23,436	23,645	24,225	24,616	25,278	25,220	25,483	1.0
District of Columbia.....	19,220	19,318	19,559	19,950	20,302	20,366	20,222	20,415	20,595	20,905	21,382	21,762	21,938	22,594	22,631	22,833	0.9
Maryland.....	149,175	152,085	154,317	157,717	160,062	161,870	164,121	165,910	168,610	170,140	174,030	176,626	179,562	183,807	187,132	188,705	0.8
New Jersey.....	261,805	266,702	272,154	276,816	281,611	282,963	285,607	286,636	289,488	295,482	301,864	311,145	314,788	323,766	322,635	324,898	0.7
New York.....	556,184	566,942	580,380	589,947	595,153	596,210	609,410	609,233	620,834	619,025	637,015	650,883	658,647	675,787	688,457	695,753	1.1
Pennsylvania.....	314,473	319,875	324,332	329,372	332,711	336,509	337,512	341,501	345,039	348,738	354,643	360,846	365,038	371,431	378,237	380,549	0.6
Great Lakes	1,145,231	1,162,737	1,184,049	1,201,077	1,214,093	1,229,275	1,232,392	1,245,171	1,257,035	1,273,062	1,291,760	1,312,127	1,325,189	1,340,167	1,356,644	1,365,359	0.6
Illinois.....	342,998	349,004	353,978	360,198	365,246	368,527	368,955	372,509	374,815	380,485	387,040	393,233	399,127	405,556	411,316	414,130	0.7
Indiana.....	139,883	142,616	146,406	148,642	150,501	152,261	153,025	154,155	155,804	158,304	160,369	163,277	165,178	165,374	168,359	169,359	0.6
Michigan.....	252,113	254,304	261,041	263,803	264,408	269,327	271,361	274,640	277,903	279,951	285,035	288,883	290,572	293,068	295,204	297,261	0.7
Ohio.....	280,665	284,936	287,944	291,379	294,709	298,829	298,429	301,580	304,158	308,293	312,096	316,416	318,662	321,892	325,082	327,289	0.7
Wisconsin.....	129,572	131,877	134,681	137,055	139,229	140,332	140,621	142,287	144,354	146,031	147,220	150,318	151,651	154,277	156,683	157,319	0.4
Plains	465,065	472,462	482,442	490,979	498,029	503,395	502,245	507,434	514,950	524,215	528,989	542,586	549,461	554,867	562,544	566,191	0.6
Iowa.....	68,079	69,432	69,549	70,695	71,882	72,682	71,488	71,696	73,410	74,388	75,323	77,340	78,047	78,423	79,509	79,698	0.2
Kansas.....	64,156	65,128	66,482	67,655	68,554	69,079	69,183	69,604	70,770	72,374	71,638	73,560	75,204	74,915	76,417	77,084	0.9
Minnesota.....	130,220	132,539	136,354	139,277	141,041	143,213	143,336	145,689	147,494	150,219	152,130	156,606	158,854	162,129	164,031	165,333	0.8
Missouri.....	131,705	133,793	136,230	138,272	140,235	141,144	141,658	142,617	143,934	146,086	148,641	151,938	153,613	155,555	157,755	158,909	0.7
Nebraska.....	40,949	41,368	42,217	43,068	43,878	44,197	44,326	44,952	45,655	46,966	46,517	47,339	47,903	47,931	48,244	48,446	0.4
North Dakota.....	13,480	13,645	14,474	14,644	14,881	15,086	14,996	14,687	15,072	15,261	15,546	16,075	16,069	15,971	16,611	16,630	0.2
South Dakota.....	16,477	16,557	17,137	17,368	17,558	17,994	17,760	18,189	18,614	18,921	19,194	19,727	19,771	19,943	20,085	20,085	0.5
Southeast	1,539,513	1,566,483	1,599,718	1,630,270	1,655,356	1,672,978	1,682,412	1,700,411	1,715,078	1,740,374	1,774,540	1,812,551	1,831,608	1,862,368	1,891,180	1,906,814	0.8
Alabama.....	91,530	92,797	94,911	96,075	97,225	98,134	98,957	100,330	101,297	102,122	102,614	104,586	104,671	106,399	108,042	108,464	0.4
Arkansas.....	51,198	52,000	52,886	53,566	54,117	54,648	55,381	56,077	55,613	57,111	58,006	58,635	59,613	59,124	61,089	61,420	0.5
Florida.....	380,367	385,845	395,416	403,233	408,668	411,447	412,838	416,775	420,218	423,840	434,332	444,037	450,034	459,645	465,159	470,691	1.2
Georgia.....	184,804	188,452	193,969	198,078	202,737	205,938	208,698	211,635	214,381	218,305	222,998	227,472	229,956	234,344	237,212	239,561	1.0
Kentucky.....	83,251	84,530	86,273	87,860	88,970	89,575	89,711	90,611	91,726	93,043	93,335	96,771	98,117	99,556	101,367	101,872	0.5
Louisiana.....	92,586	94,407	95,883	97,319	98,231	98,692	98,811	99,218	99,673	100,799	101,678	103,199	103,535	104,035	106,298	106,883	0.5
Mississippi.....	51,731	52,721	54,061	54,748	55,590	56,113	56,056	56,574	57,500	57,990	58,357	59,489	59,766	60,256	61,216	61,523	0.5
North Carolina.....	180,399	184,249	187,533	191,117	194,415	197,262	198,409	200,768	199,989	205,773	210,878	216,158	218,512	222,497	226,315	227,472	0.5
South Carolina.....	81,403	82,839	84,235	85,898	87,709	88,998	89,187	90,529	91,698	92,828	94,047	96,332	96,910	98,355	100,191	101,054	0.9
Tennessee.....	125,831	128,578	131,034	133,934	135,362	136,791	136,751	138,804	140,354	141,828	144,517	147,045	148,763	150,682	153,393	154,843	0.9
Virginia.....	181,143	184,222	187,245	191,829	195,305	198,256	201,141	201,745	204,911	208,683	213,290	219,484	222,274	227,285	230,119	232,111	0.9
West Virginia.....	35,270	35,643	36,272	36,615	37,028	37,124	37,100	37,347	37,718	38,052	38,488	39,343	39,456	40,190	40,777	40,919	0.3
Southwest	683,767	696,383	718,501	730,916	744,151	752,742	757,062	769,129	778,344	791,391	811,128	826,550	837,121	850,780	869,412	876,483	0.8
Arizona.....	104,489	106,706	109,543	111,786	114,249	116,061	116,059	118,853	120,611	121,891	126,892	127,750	129,875	132,013	133,908	135,011	0.8
New Mexico.....	35,030	35,443	36,385	36,659	37,021	37,402	37,202	37,767	38,072	38,521	38,864	39,993	40,197	40,837	41,644	42,260	1.5
Oklahoma.....	70,060	71,539	73,590	74,445	75,210	75,604	76,137	77,061	77,703	78,660	79,413	81,040	82,152	83,611	84,453	85,095	0.8
Texas.....	474,188	482,695	498,983	508,026	517,671	523,675	527,665	535,447	541,959	552,319	565,959	577,766	584,998	594,320	609,407	614,117	0.8
Rocky Mountain	209,131	212,288	217,851	221,365	225,220	228,969	230,812	235,410	239,016	244,641	247,946	256,296	260,656	265,322	267,596	269,979	0.9
Colorado.....	110,085	112,149	115,360	117,050	119,348												

Table J.2.—Personal Income and Per Capita Personal Income by State and Region, 1995–2000

Area name	Personal income							Per capita personal income ¹							Rank in U.S.
	Millions of dollars						Percent change ²	Dollars							
	1995	1996	1997	1998	1999	2000		1995	1996	1997	1998	1999	2000	2000	
United States	6,192,235	6,538,103	6,928,545	7,418,754	7,769,648	8,312,312	7.0	23,272	24,286	25,427	26,909	27,859	29,451		
New England	364,297	384,144	408,231	437,278	460,371	499,403	8.5	27,060	28,359	29,946	31,870	33,296	35,824	.....
Connecticut.....	104,315	109,354	116,421	124,971	130,196	139,305	7.0	31,423	32,814	34,803	37,190	38,506	40,870	1	
Maine.....	25,046	26,434	27,773	29,455	30,726	32,412	5.5	20,102	21,118	22,091	23,352	24,220	25,399	36	
Massachusetts.....	170,052	180,237	191,596	205,181	217,654	239,739	10.1	27,711	29,188	30,799	32,748	34,482	37,710	2	
New Hampshire.....	28,650	30,228	32,397	35,265	37,489	40,938	9.2	24,775	25,751	27,254	29,297	30,690	33,042	6	
Rhode Island.....	23,787	24,818	26,293	27,670	28,883	30,599	5.9	23,427	24,349	25,685	26,870	27,813	29,158	17	
Vermont.....	12,449	13,073	13,752	14,736	15,423	16,411	6.4	21,147	22,029	23,037	24,557	25,514	26,904	30	
Midwest	1,193,865	1,255,345	1,315,810	1,399,933	1,457,818	1,556,329	6.8	26,441	27,680	28,887	30,583	31,660	33,549	.....
Delaware.....	18,237	19,369	20,145	21,858	22,962	24,441	6.4	24,996	26,143	26,812	28,649	29,625	31,074	12	
District of Columbia.....	18,217	18,517	19,135	20,044	20,534	21,919	6.7	31,479	32,455	33,811	35,568	36,254	38,374	.....
Maryland.....	135,115	140,809	148,826	158,491	167,195	178,506	6.8	26,678	27,574	28,892	30,496	31,860	33,621	5	
New Jersey.....	233,209	246,659	260,705	278,386	289,304	312,891	8.2	28,881	30,296	31,757	33,646	34,666	37,112	3	
New York.....	503,163	530,990	553,543	590,423	614,626	655,583	6.7	27,190	28,594	29,694	31,522	32,620	34,502	4	
Pennsylvania.....	285,923	299,001	313,457	330,731	343,197	362,989	5.8	23,441	24,465	25,630	27,005	27,971	29,533	16	
Great Lakes	1,034,159	1,079,799	1,138,557	1,207,124	1,251,915	1,317,311	5.2	23,545	24,407	25,587	26,984	27,832	29,122	.....
Illinois.....	304,767	322,790	340,594	361,987	374,191	396,239	5.9	25,375	26,667	27,942	29,491	30,274	31,842	10	
Indiana.....	126,525	132,890	139,459	149,453	155,322	163,549	5.3	21,634	22,511	23,427	24,908	25,682	26,838	32	
Michigan.....	231,594	238,095	250,216	264,645	275,964	289,390	4.9	23,931	24,394	25,505	26,870	27,886	29,071	18	
Ohio.....	255,313	264,162	279,367	293,215	303,115	317,266	4.7	22,791	23,495	24,770	25,918	26,725	27,914	20	
Wisconsin.....	115,960	121,864	128,920	137,824	143,323	150,866	5.3	22,373	23,303	24,484	26,018	26,863	28,066	19	
Plains	410,645	439,948	462,173	493,711	512,211	543,976	6.2	22,150	23,530	24,526	26,010	26,780	28,219	.....
Iowa.....	60,171	64,696	67,938	71,202	72,746	77,283	6.2	20,991	22,469	23,503	24,531	24,945	26,376	33	
Kansas.....	56,627	60,074	63,728	67,942	70,483	73,829	4.7	21,777	22,978	24,183	25,538	26,312	27,408	28	
Minnesota.....	113,217	122,080	129,020	139,971	146,684	157,430	7.3	24,320	25,930	27,112	29,109	30,127	31,913	9	
Missouri.....	117,640	123,992	131,144	138,970	143,573	152,437	6.2	21,887	22,840	23,937	25,176	25,815	27,186	29	
Nebraska.....	36,293	39,618	40,724	43,340	45,475	47,423	4.3	21,908	23,672	24,146	25,558	26,663	27,658	25	
North Dakota.....	12,243	13,607	14,732	14,771	14,879	15,916	7.0	18,890	20,908	20,506	22,785	23,053	24,780	38	
South Dakota.....	14,454	15,883	16,288	17,514	18,371	19,659	7.0	19,597	21,407	21,893	23,484	24,491	25,993	34	
Southeast	1,366,116	1,445,912	1,532,165	1,639,580	1,709,569	1,820,267	6.5	21,165	22,056	23,004	24,258	24,940	26,179	.....
Alabama.....	83,903	87,221	91,284	96,586	100,676	104,568	3.9	19,524	20,133	20,891	21,913	22,706	23,460	43	
Arkansas.....	45,995	48,700	51,055	53,804	56,046	58,844	5.0	18,179	18,982	19,670	20,531	21,191	21,945	47	
Florida.....	333,525	355,136	377,673	404,691	418,418	447,012	6.8	22,974	23,942	24,901	26,159	26,560	27,836	21	
Georgia.....	159,800	172,935	183,757	200,180	213,255	228,692	7.2	21,840	23,090	23,945	25,481	26,522	27,970	23	
Kentucky.....	74,080	78,221	82,927	88,169	91,273	97,445	6.8	19,061	19,960	20,982	22,123	22,712	24,057	39	
Louisiana.....	84,573	87,879	92,286	97,531	99,468	103,112	3.7	19,321	19,981	20,875	21,954	22,292	23,041	45	
Mississippi.....	46,242	48,898	51,598	55,128	57,030	59,467	4.3	16,990	17,799	18,588	19,674	20,186	20,856	50	
North Carolina.....	157,634	167,638	179,691	192,582	201,235	217,011	7.8	21,476	22,361	23,478	24,667	25,314	26,842	31	
South Carolina.....	72,050	76,287	81,045	86,710	91,060	96,411	5.9	19,227	20,093	21,005	22,127	22,903	23,952	40	
Tennessee.....	114,260	119,287	125,457	134,280	139,434	147,752	6.0	20,462	22,032	22,821	24,106	24,722	25,878	35	
Virginia.....	161,442	169,938	180,190	193,159	204,120	220,583	8.1	24,230	25,213	26,418	28,032	29,208	31,065	13	
West Virginia.....	32,611	33,771	35,202	36,760	37,554	39,370	4.8	17,882	18,528	19,342	20,235	20,720	21,767	49	
Southwest	586,017	624,034	677,462	736,578	773,982	831,395	7.4	20,644	21,528	22,884	24,373	25,128	26,477	.....
Arizona.....	88,870	95,787	103,702	112,910	119,354	129,133	8.2	20,059	20,890	21,896	23,121	23,738	24,991	37	
New Mexico.....	31,716	33,232	34,860	36,867	37,890	39,973	5.5	18,435	18,963	19,610	20,520	20,920	21,883	48	
Oklahoma.....	63,333	66,289	69,951	74,712	77,390	81,554	5.4	19,174	19,876	20,771	21,966	22,576	23,582	42	
Texas.....	402,097	428,726	468,950	512,089	539,347	580,736	7.7	21,239	22,197	23,777	25,426	26,266	27,722	24	
Rocky Mountain	179,684	192,141	206,847	223,351	237,470	257,555	8.5	21,453	22,441	23,657	25,058	26,122	27,775	.....
Colorado.....	92,947	100,012	108,765	118,407	127,638	140,353	10.0	24,314	25,536	27,088	28,783	30,225	32,441	7	
Idaho.....	22,869	24,173	25,226	27,079	28,572	30,759	7.7	19,419	20,091	20,525	21,622	22,387	23,640	41	
Montana.....	16,297	16,992	17,726	18,961	19,315	20,395	5.6	18,588	19,165	19,909	21,235	21,511	22,541	46	
Utah.....	37,278	40,354	43,696	46,781	49,172	52,474	6.7	18,514	19,519	20,618	21,624	22,335	23,364	44	
Wyoming.....	10,293	10,609	11,433	12,124	12,774	13,575	6.3	21,210	21,724	23,348	24,687	25,960	27,436	27	
Far West	1,057,453	1,116,779	1,187,299	1,281,199	1,366,313	1,486,076	8.8	24,197	25,225	26,374	27,998	29,402	31,491	.....
Alaska.....	15,513	15,762	16,488	17,134	17,482	18,612	6.5	25,659	25,889	26,876	27,610	27,947	29,597	14	
California.....	771,470	812,404	861,557	931,627	997,293	1,094,770	9.8	24,374	25,409	26,555	28,277	29,818	32,225	8	
Hawaii.....	30,202	30,393	31,218	31,854	32,450	33,776	4.1	25,211	25,212	25,714	26,135	26,658	27,819	22	
Nevada.....	39,377	43,331	47,258	52,032	55,706	59,640	7.1	24,908	26,009	26,836	28,190	28,883	29,551	15	
Oregon.....	71,209	75,561	80,575	85,262	89,058	94,999	6.7	22,355	23,257	24,365	25,406	26,192	27,649	26	
Washington.....	129,681	139,328	150,203	163,291	174,324	184,280	5.7	23,658	25,007	26,457	28,287	29,783	31,129	11	

1. Per capita personal income was computed using midyear population estimates. The Census Bureau has not yet released intercensal population estimates that incorporate the results of the 2000 Decennial Census. BEA converted the April 1, 2000, Census Bureau population counts to a midyear 2000 basis and derived an interim set of population estimates for 1991–99 that are consistent with 1990 and 2000 population data.

2. Percent change was calculated from unrounded data.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table J.3.—Disposable Personal Income and Per Capita Disposable Personal Income by State and Region, 1995–2000

Area name	Disposable personal income							Per capita disposable personal income						Rank in U.S.
	Millions of dollars						Percent change ²	Dollars						
	1995	1996	1997	1998	1999	2000		1995	1996	1997	1998	1999	2000	
United States	5,414,784	5,669,393	5,960,749	6,349,408	6,611,524	7,025,313	6.3	20,350	21,059	21,875	23,031	23,707	24,891	
New England	313,002	326,543	342,605	364,158	380,402	409,580	7.7	23,249	24,106	25,132	26,541	27,513	29,381	.....
Connecticut.....	88,432	91,536	95,724	101,790	105,261	111,867	6.3	26,638	27,468	28,616	30,292	31,131	32,820	1
Maine.....	22,173	23,257	24,200	25,466	26,485	27,813	5.0	17,796	18,581	19,249	20,190	20,877	21,795	37
Massachusetts.....	144,898	151,896	159,674	169,600	178,071	194,493	9.2	23,612	24,598	25,668	27,069	28,211	30,593	3
New Hampshire.....	25,490	26,610	28,200	30,645	32,353	35,091	8.5	22,043	22,668	23,724	25,459	26,486	28,323	4
Rhode Island.....	20,990	21,780	22,851	23,895	24,917	26,244	5.3	20,673	21,369	22,323	23,204	23,995	25,008	17
Vermont.....	11,019	11,463	11,955	12,762	13,316	14,072	5.7	18,718	19,317	20,027	21,267	22,028	23,069	31
Mideast	1,029,185	1,073,172	1,114,511	1,177,620	1,217,450	1,290,916	6.0	22,794	23,663	24,468	25,726	26,440	27,827	.....
Delaware.....	15,686	16,547	16,987	18,449	19,418	20,658	6.4	21,499	22,334	22,610	24,181	25,052	26,264	11
District of Columbia.....	15,840	15,862	16,120	16,710	16,835	17,773	5.6	27,372	27,801	28,483	29,652	29,723	31,116	.....
Maryland.....	116,066	119,755	125,597	133,050	140,137	148,896	6.3	22,917	23,451	24,382	25,601	26,704	28,044	6
New Jersey.....	201,166	211,334	220,964	233,679	240,563	258,327	7.4	24,913	25,957	26,916	28,243	28,825	30,640	2
New York.....	430,223	450,040	464,468	491,801	506,445	535,586	5.8	23,248	24,234	24,916	26,257	26,879	28,187	5
Pennsylvania.....	250,204	259,634	270,375	283,932	294,052	309,676	5.3	20,512	21,244	22,107	23,183	23,966	25,195	16
Great Lakes	897,966	930,464	975,464	1,029,492	1,066,140	1,116,769	4.7	20,445	21,031	21,922	23,014	23,702	24,689	.....
Illinois.....	264,821	278,447	291,507	307,893	317,042	334,111	5.4	22,049	23,003	23,915	25,084	25,651	26,849	8
Indiana.....	109,861	114,831	119,826	128,610	133,755	140,540	5.1	18,785	19,452	20,129	21,434	22,116	23,062	32
Michigan.....	201,124	204,949	214,500	225,311	234,914	244,345	4.0	20,783	20,998	21,864	22,877	23,738	24,546	18
Ohio.....	221,905	227,746	239,900	250,845	259,083	269,590	4.1	19,809	20,256	21,270	22,172	22,843	23,719	24
Wisconsin.....	100,255	104,491	109,732	116,833	121,346	128,182	5.6	19,343	19,981	20,839	22,056	22,743	23,846	23
Plains	359,419	382,827	399,625	425,700	441,947	466,638	5.6	19,387	20,475	21,207	22,427	23,106	24,207	.....
Iowa.....	53,020	56,896	59,294	62,103	63,279	67,090	6.0	18,496	19,760	20,513	21,396	21,699	22,897	35
Kansas.....	49,628	52,367	55,113	58,698	60,807	63,294	4.1	19,085	20,030	20,914	22,063	22,700	23,497	26
Minnesota.....	97,206	103,586	109,183	117,947	124,449	132,188	6.2	20,881	22,002	22,943	24,529	25,560	26,796	9
Missouri.....	103,462	108,364	114,001	120,335	124,172	131,457	5.9	19,249	19,961	20,808	21,800	22,326	23,444	27
Nebraska.....	32,023	34,932	35,531	37,647	39,525	40,910	3.5	19,330	20,872	21,067	22,200	23,174	23,860	22
North Dakota.....	10,960	12,226	11,853	13,205	13,273	14,175	6.8	16,911	18,786	18,231	20,369	20,566	22,070	36
South Dakota.....	13,120	14,456	14,650	15,765	16,441	17,525	6.6	17,788	19,484	19,691	21,139	21,918	23,172	30
Southeast	1,208,156	1,269,457	1,336,061	1,424,130	1,480,462	1,568,114	5.9	18,718	19,365	20,060	21,071	21,598	22,552	.....
Alabama.....	74,485	77,079	80,342	84,960	88,519	91,541	3.4	17,333	17,792	18,387	19,275	19,964	20,537	41
Arkansas.....	40,945	43,230	45,063	47,323	49,311	51,573	4.6	16,183	16,850	17,362	18,058	18,645	19,233	47
Florida.....	296,985	312,805	329,682	351,457	361,945	383,970	6.1	20,457	21,088	21,737	22,718	22,975	23,911	21
Georgia.....	139,674	150,182	158,350	171,788	182,524	194,576	6.6	19,089	20,052	20,634	21,867	22,700	23,645	25
Kentucky.....	64,839	68,160	71,915	76,236	78,776	83,864	6.5	16,683	17,393	18,196	19,129	19,602	20,704	40
Louisiana.....	75,996	78,079	81,431	86,212	88,169	91,057	3.3	17,362	17,753	18,420	19,407	19,760	20,347	43
Mississippi.....	41,699	43,943	46,245	49,312	50,979	53,071	4.1	15,321	15,995	16,660	17,598	18,039	18,612	50
North Carolina.....	138,006	145,935	155,311	165,764	172,767	185,667	7.5	18,802	19,466	20,293	21,232	21,733	22,965	33
South Carolina.....	63,606	66,986	70,880	75,519	79,261	83,621	5.5	16,973	17,644	18,371	19,271	19,935	20,775	39
Tennessee.....	102,796	106,568	111,632	119,386	123,919	130,881	5.6	19,309	19,683	20,306	21,432	21,971	22,923	34
Virginia.....	140,055	146,489	154,028	163,662	171,096	183,590	7.3	21,020	21,734	22,582	23,751	24,482	25,855	13
West Virginia.....	29,070	30,001	31,182	32,512	33,197	34,703	4.5	15,940	16,460	17,134	17,897	18,316	19,187	48
Southwest	523,337	552,859	596,546	645,928	678,193	724,461	6.8	18,436	19,072	20,151	21,373	22,018	23,072	.....
Arizona.....	78,460	83,726	90,217	97,630	102,882	110,837	7.7	17,709	18,259	19,049	19,992	20,462	21,450	38
New Mexico.....	28,290	29,502	30,758	32,506	33,324	34,981	5.0	16,444	16,834	17,303	18,093	18,398	19,150	49
Oklahoma.....	56,276	58,473	61,222	65,346	67,667	70,990	4.9	17,037	17,532	18,179	19,212	19,740	20,528	42
Texas.....	360,310	381,159	414,349	450,447	474,321	507,653	7.0	19,032	19,734	21,009	22,366	23,099	24,233	19
Rocky Mountain	157,037	166,565	178,194	191,754	202,686	218,172	7.6	18,749	19,454	20,380	21,513	22,296	23,528	.....
Colorado.....	80,723	86,111	92,927	100,483	107,621	117,426	9.1	21,117	21,987	23,144	24,426	25,485	27,141	7
Idaho.....	20,135	21,208	22,044	23,653	24,787	26,429	6.6	17,098	17,626	17,936	18,886	19,422	20,312	44
Montana.....	14,492	15,037	15,621	16,688	16,934	17,795	5.1	16,530	16,960	17,544	18,690	18,860	19,668	46
Utah.....	32,526	35,002	37,715	40,470	42,379	44,959	6.1	16,154	16,930	17,796	18,707	19,249	20,018	45
Wyoming.....	9,160	9,207	9,886	10,460	10,966	11,564	5.5	18,875	18,853	20,188	21,299	22,286	23,371	28
Far West	926,681	967,506	1,017,744	1,090,625	1,144,244	1,230,665	7.6	21,204	21,853	22,608	23,834	24,623	26,079	.....
Alaska.....	13,755	13,919	14,497	14,999	15,311	16,236	6.0	22,751	22,862	23,630	24,170	24,477	25,818	14
California.....	674,953	701,878	735,173	789,619	829,744	899,346	8.4	21,324	21,952	22,659	23,967	24,809	26,472	10
Hawaii.....	26,674	26,730	27,371	27,859	28,250	29,288	3.7	22,266	22,174	22,545	22,858	23,208	24,123	20
Nevada.....	34,623	37,634	41,126	44,918	47,963	51,037	6.4	21,900	22,589	23,354	24,336	24,868	25,289	15
Oregon.....	61,581	64,801	68,539	72,617	75,453	79,655	5.6	19,332	19,946	20,725	21,638	22,190	23,183	29
Washington.....	115,095	122,543	131,039	140,613	147,524	155,102	5.1	20,997	21,994	23,081	24,358	25,204	26,201	12

1. Per capita disposable personal income was computed using midyear population estimates. The Census Bureau has not yet released intercensal population estimates that incorporate the results of the 2000 Decennial Census. BEA converted the April 1, 2000, Census Bureau population counts to a midyear 2000 basis and derived an interim set of population estimates for 1991–99 that are consistent with 1990 and 2000 population data.

2. Percent change was calculated from unrounded data.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table J.4.—Gross State Product (GSP) by Industry for States and Regions, 1999

[Millions of dollars]

State and region	Rank of total GSP	Total GSP	Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
United States		9,308,983	125,441	111,797	416,354	1,500,806	779,647	643,284	856,364	1,792,090	1,986,918	1,096,282
New England		542,347	4,048	314	21,668	83,767	32,284	36,951	45,940	136,278	130,309	50,788
Connecticut	22	151,779	1,038	113	4,954	25,048	9,020	9,750	12,213	43,623	33,389	12,631
Maine	42	34,064	674	5	1,552	5,261	2,396	2,007	4,136	6,401	6,862	4,770
Massachusetts	11	262,564	1,429	98	10,861	36,569	14,833	19,560	20,581	64,279	70,462	23,892
New Hampshire	38	44,229	320	39	1,822	9,792	2,551	2,936	4,361	10,254	8,689	3,466
Rhode Island	44	32,546	214	12	1,724	4,098	2,187	1,710	2,949	8,678	7,074	3,899
Vermont	49	17,164	374	47	754	2,998	1,298	989	1,700	3,043	3,832	2,129
Midwest		1,734,325	10,026	3,563	62,972	211,579	137,294	112,601	132,085	454,432	405,374	204,398
Delaware	41	34,669	292	2	1,486	4,914	1,752	1,382	2,455	13,813	5,379	3,194
District of Columbia		55,832	17	21	468	1,300	2,853	757	1,577	7,294	20,512	21,032
Maryland	16	174,710	1,440	145	9,451	14,216	13,096	10,800	15,677	37,179	42,217	30,491
New Jersey	8	331,544	1,749	257	12,627	39,335	31,534	30,757	25,461	78,417	77,836	33,570
New York	2	754,590	3,175	545	22,862	77,365	55,123	45,078	52,556	247,163	173,681	77,042
Pennsylvania	6	382,980	3,353	2,593	16,079	74,449	32,935	23,826	34,359	70,566	85,749	39,070
Great Lakes		1,464,641	14,379	4,533	67,649	346,862	113,472	105,625	134,471	240,154	286,846	150,649
Illinois	4	445,666	3,575	1,151	20,059	72,563	40,830	35,342	36,683	90,755	100,527	44,180
Indiana	15	182,202	1,820	761	9,235	56,294	13,845	11,157	16,853	23,744	30,219	18,273
Michigan	9	308,310	2,849	876	14,880	80,740	20,280	22,630	30,207	43,546	60,402	31,900
Ohio	7	361,981	2,973	1,519	15,645	93,409	26,659	25,814	35,102	56,156	66,058	38,648
Wisconsin	20	166,481	3,162	226	7,830	43,856	11,858	10,682	15,626	25,953	29,639	17,648
Plains		601,905	15,043	3,291	28,803	109,036	57,025	47,316	57,682	95,926	116,828	70,956
Iowa	30	85,243	3,000	218	3,759	19,058	7,231	6,700	7,705	12,865	14,450	10,258
Kansas	31	80,843	2,304	1,022	3,711	13,598	10,093	6,426	8,318	10,389	14,105	10,876
Minnesota	17	172,982	3,004	804	8,585	31,319	13,183	14,210	16,310	31,974	35,994	17,599
Missouri	18	170,470	1,928	427	8,369	32,966	17,199	12,621	16,584	26,038	34,888	19,449
Nebraska	36	53,744	2,606	79	2,554	7,532	4,269	4,712	8,332	10,291	7,585	5,818
North Dakota	50	16,991	701	611	931	1,526	1,753	1,573	1,747	2,404	3,290	2,455
South Dakota	46	21,631	1,500	130	893	3,036	1,784	1,516	2,307	3,923	3,810	2,733
Southwest		2,023,742	29,951	27,617	98,337	337,901	181,644	140,640	205,076	331,203	399,457	271,917
Alabama	25	115,071	2,280	1,527	5,397	21,886	9,971	7,542	11,927	16,945	19,447	18,149
Arkansas	33	64,773	2,370	506	2,996	14,599	6,815	4,293	7,621	7,499	10,083	7,993
Florida	5	442,895	7,838	878	22,406	31,716	38,082	33,880	50,610	95,440	108,007	54,039
Georgia	10	275,719	3,697	1,244	13,744	46,781	31,476	24,967	25,743	42,230	53,029	32,808
Kentucky	26	113,539	2,002	2,433	5,064	31,275	9,108	6,964	10,861	12,404	18,122	15,306
Louisiana	24	128,959	1,232	15,121	6,259	19,622	11,897	7,573	11,944	16,793	22,653	15,866
Mississippi	34	64,286	1,687	638	2,999	13,241	6,096	3,786	7,017	7,347	11,180	10,295
North Carolina	12	258,592	3,933	533	12,793	62,211	18,273	15,875	23,022	47,441	42,305	32,207
South Carolina	28	106,917	1,164	177	6,281	22,899	9,495	6,699	11,851	14,650	17,519	16,180
Tennessee	19	170,085	1,492	510	7,462	35,392	14,141	12,996	19,439	24,019	35,089	19,546
Virginia	13	242,221	1,994	1,084	11,086	31,779	21,679	13,845	20,977	41,832	54,741	43,205
West Virginia	40	40,685	261	2,967	1,852	6,501	4,609	2,223	4,063	4,604	7,283	6,323
Southwest		968,362	14,329	49,117	45,952	140,037	97,433	71,545	95,296	145,119	192,998	116,537
Arizona	23	143,683	2,138	1,214	8,327	20,707	10,516	9,620	15,359	26,845	31,573	17,385
New Mexico	37	51,026	1,049	4,281	2,022	8,527	3,753	2,146	4,795	6,689	9,170	8,594
Oklahoma	29	86,382	1,944	4,257	3,316	14,604	7,958	5,206	9,035	10,564	15,723	13,774
Texas	3	687,272	9,197	39,365	32,288	96,199	75,205	54,573	66,107	101,021	136,533	76,783
Rocky Mountain		288,479	6,004	8,317	17,680	33,966	31,968	17,785	28,799	45,973	60,234	37,753
Colorado	21	153,728	2,261	2,400	9,233	15,622	18,740	9,644	15,127	26,869	35,529	18,303
Idaho	43	34,025	1,776	188	2,261	7,344	2,667	2,183	3,481	4,018	5,545	4,562
Montana	47	20,636	828	754	1,158	1,544	2,461	1,354	2,137	2,818	4,195	3,385
Utah	35	62,641	697	1,143	4,092	8,311	5,514	3,894	6,708	10,299	12,935	9,047
Wyoming	48	17,448	443	3,831	936	1,144	2,585	709	1,346	1,968	2,029	2,455
Far West		1,685,181	31,661	15,046	73,292	237,657	128,528	110,821	157,016	343,005	394,871	193,285
Alaska	45	26,353	449	5,301	1,225	1,113	4,392	791	1,867	2,671	3,419	5,124
California	1	1,229,098	22,779	7,655	47,264	179,178	89,906	82,506	113,360	266,876	288,081	131,493
Hawaii	39	40,914	493	43	1,654	1,030	4,268	1,539	4,456	9,481	9,023	8,928
Nevada	32	69,864	512	1,519	7,147	2,884	5,587	3,234	7,266	11,803	22,729	7,182
Oregon	27	109,694	3,064	144	5,797	27,151	7,750	8,226	9,484	15,753	19,334	12,992
Washington	14	209,258	4,365	383	10,204	26,301	16,624	14,524	20,584	36,420	52,286	27,566

NOTE.—Totals shown for the United States differ from the national income and product account estimates of gross domestic product (GDP) because GSP is derived from gross domestic income, which differs from GDP by the statistical discrepancy. In addition, GSP excludes and GDP includes the compensation of Federal civilian and military personnel stationed abroad and government consumption of fixed capital for military structures located abroad and

for military equipment, except office equipment. Also, GSP and GDP have different revision schedules.

Source: This table has been updated to reflect the GSP estimates for 1999, which were released on June 4, 2001. Detailed estimates are available on BEA's Web site at <www.bea.doc.gov> under "State and local area data."

K. Local Area Table

Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1997-99

Area name	Personal income				Per capita personal income ¹				Area name	Personal income				Per capita personal income ¹			
	Millions of dollars			Percent change	Dollars			Rank in U.S.		Millions of dollars			Percent change	Dollars			Rank in U.S.
	1997	1998	1999		1997	1998	1999			1997	1998	1999		1997	1998	1999	
United States ²	6,928,545	7,383,476	7,784,137	5.4	25,874	27,321	28,546		Corvallis, OR	2,056	2,145	2,184	1.8	26,517	27,559	28,291	88
Metropolitan portion	5,874,694	6,275,812	6,630,149	5.6	27,408	28,987	30,317		Cumberland, MD-WV	1,913	1,970	2,033	3.2	19,198	19,868	20,700	298
Nonmetropolitan portion	1,053,851	1,107,664	1,153,988	4.2	19,719	20,611	21,372		Dallas, TX*	96,196	105,999	113,794	7.4	30,859	33,096	34,690	23
Consolidated Metropolitan Statistical Areas									Danville, VA	2,071	2,163	2,241	3.6	19,030	19,983	20,833	295
Chicago-Gary-Kenosha, IL-IN-WI	268,636	287,137	300,846	4.8	30,661	32,544	33,857		Davenport-Moline-Rock Island, IA-IL	8,766	9,268	9,397	1.4	24,534	25,902	26,186	139
Cincinnati-Hamilton, OH-KY-IN	51,476	55,058	57,819	5.0	26,612	28,259	29,485		Dayton-Springfield, OH	24,532	25,414	26,238	3.2	25,514	26,430	27,369	111
Cleveland-Akron, OH	79,514	83,910	87,042	3.7	27,267	28,809	29,905		Daytona Beach, FL	9,787	10,249	10,691	4.3	21,241	21,913	22,520	262
Dallas-Fort Worth, TX	135,784	149,021	159,469	7.0	29,067	31,082	32,482		Decatur, AL	3,076	3,272	3,395	3.8	21,711	22,937	23,668	223
Denver-Boulder-Greeley, CO	72,098	78,651	85,396	8.6	31,103	33,287	35,318		Decatur, IL	2,778	2,925	3,078	5.2	24,337	25,732	27,188	119
Detroit-Ann Arbor-Flint, MI	152,659	161,651	170,312	5.4	28,052	29,645	31,140		Denver, CO*	60,223	65,665	71,359	8.7	31,678	33,906	36,058	16
Houston-Galveston-Brazoria, TX	123,660	135,062	141,745	4.9	28,708	30,691	31,543		Des Moines, IA	12,062	13,012	13,801	6.1	27,934	29,791	31,118	45
Los Angeles-Riverside-Orange County, CA	397,751	425,958	449,834	5.6	25,558	26,966	28,050		Detroit, MI*	126,336	133,887	140,825	5.2	28,278	29,956	31,472	42
Miami-Fort Lauderdale, FL	89,755	94,768	99,018	4.5	24,870	25,902	26,682		Dothan, AL	2,761	2,929	3,064	4.6	20,565	21,770	22,653	260
Milwaukee-Racine, WI	46,826	49,469	51,847	4.8	28,473	30,070	31,457		Dover, DE	2,606	2,773	2,876	3.7	21,248	22,305	23,819	254
New York-No. New Jersey-Long Island, NY-NJ-CT-PA	690,088	733,999	774,748	5.6	34,663	36,705	38,539		Dubuque, IA	2,047	2,189	2,237	2.2	23,217	24,904	25,385	161
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD	175,748	185,987	194,352	4.5	29,404	31,067	32,397		Duluth-Superior, MN-WI	5,453	5,786	6,044	4.5	22,933	24,454	25,566	157
Portland-Salem, OR-WA	57,575	61,203	64,589	5.5	27,216	28,462	29,615		Dutchess County, NY*	7,226	7,727	8,268	7.0	27,410	29,112	30,822	47
Sacramento-Yolo, CA	43,278	46,428	49,736	7.1	25,771	27,190	28,568		Eau Claire, WI	3,164	3,393	3,572	5.3	22,060	23,593	24,724	183
San Francisco-Oakland-San Jose, CA	235,703	254,671	280,844	10.3	35,081	37,378	40,858		El Paso, TX	10,977	11,653	12,084	3.7	16,016	16,777	17,216	314
Seattle-Tacoma-Bremerton, WA	101,627	111,582	121,483	8.9	30,177	32,600	35,052		Elkhart-Goshen, IN	4,054	4,348	4,605	5.9	23,377	25,173	26,360	136
Washington-Baltimore, DC-MD-VA-WV	231,206	246,577	263,429	6.8	32,095	33,918	35,797		Elmira, NY	1,996	2,078	2,162	4.0	21,567	22,539	23,563	226
Metropolitan Statistical Areas³									Enid, OK	1,261	1,327	1,342	1.1	22,208	23,313	23,559	227
Abilene, TX	2,763	2,890	3,010	4.2	22,726	23,681	24,579	189	Erie, PA	6,323	6,505	6,768	4.0	22,622	23,931	24,433	198
Akron, OH*	17,624	18,641	19,359	3.9	25,657	27,094	28,079	93	Eugene-Springfield, OR	7,173	7,617	7,972	4.7	23,059	24,309	25,315	163
Albany, GA	2,461	2,563	2,630	2.6	20,952	21,758	22,394	266	Evansville-Henderson, IN-KY	7,117	7,607	7,918	4.1	24,531	26,209	27,191	118
Albany-Schenectady-Troy, NY	22,781	24,131	25,136	4.2	26,101	27,717	28,909	78	Fargo-Moorhead, ND-MN	3,914	4,203	4,450	5.9	23,485	24,955	26,155	140
Albuquerque, NM	16,039	16,757	17,391	3.8	23,825	24,769	25,619	154	Fayetteville, NC	6,594	6,874	7,172	4.3	23,088	24,186	25,285	167
Alexandria, LA	2,649	2,825	2,918	3.3	20,964	22,335	23,020	246	Fayetteville-Springdale-Rogers, AR	5,912	6,384	6,901	8.1	21,586	22,893	24,213	206
Allentown-Bethlehem-Easton, PA	16,002	16,756	17,613	5.1	26,040	27,199	28,483	86	Flagstaff, AZ-UT	2,284	2,442	2,573	5.3	19,069	20,301	21,325	290
Altoona, PA	2,779	2,895	3,034	4.8	21,219	22,178	23,352	235	Flint, MI*	10,179	10,340	10,677	3.3	23,684	23,733	24,412	200
Amarillo, TX	4,666	4,956	5,145	3.8	22,639	23,934	24,652	187	Florence, AL	2,838	2,873	2,959	3.0	20,718	20,949	21,617	284
Anchorage, AK	8,018	8,433	8,717	3.4	31,899	32,992	33,813	25	Florence, SC	2,635	2,788	2,925	4.9	21,186	22,559	23,360	234
Ann Arbor, MI*	16,143	17,423	18,811	8.0	29,949	31,810	33,750	27	Fort Collins-Loveland, CO	5,804	6,295	6,723	6.8	25,740	27,238	28,386	87
Annisston, AL	2,253	2,368	2,388	9	19,231	20,221	20,492	302	Fort Lauderdale, FL	40,674	43,207	45,208	4.6	27,541	28,656	29,442	70
Appleton-Oshkosh-Neenah, WI	8,534	9,063	9,632	6.3	24,952	26,280	27,670	101	Fort Myers-Cape Coral, FL	10,173	10,639	11,160	4.9	26,371	27,078	27,861	99
Asheville, NC	5,161	5,518	5,747	4.1	24,465	25,879	26,706	128	Fort Pierce-Port St. Lucie, FL	8,080	8,545	8,891	4.0	27,744	28,937	29,641	64
Athens, GA	3,042	3,280	3,445	5.0	22,037	23,657	24,539	191	Fort Smith, AR-OK	3,874	4,121	4,366	5.9	20,137	21,276	22,326	268
Atlanta	105,565	116,171	125,302	7.9	29,616	31,028	32,486	33	Fort Walton Beach, FL	3,890	4,054	4,204	3.7	23,204	24,053	24,720	184
Atlantic-Cape May, NJ*	9,751	10,220	10,576	3.5	29,182	30,418	31,322	44	Fort Wayne, IN	12,026	12,724	13,248	4.1	25,191	26,440	27,355	113
Auburn-Opelika, AL	1,809	1,908	2,012	5.5	18,376	18,988	19,636	308	Fort Worth-Arlington, TX*	39,589	43,022	45,675	6.2	25,473	27,028	28,035	95
Augusta-Aiken, GA-SC	9,856	10,463	10,852	3.7	21,665	22,848	23,549	229	Fresno, CA	16,626	17,288	18,279	5.7	19,684	20,776	21,977	297
Austin-San Marcos, TX	28,006	32,379	36,437	11.8	26,224	28,484	31,794	39	Gadsden, AL	2,011	2,077	2,123	2.2	19,885	19,986	20,518	301
Bakersfield, CA	11,873	12,458	12,777	2.6	19,010	19,724	19,866	307	Gainesville, FL	4,606	4,926	5,091	3.3	23,313	24,951	25,648	152
Baltimore, MD*	70,139	74,017	78,309	5.8	28,343	29,834	31,434	43	Galveston-Texas City, TX*	5,766	6,145	6,285	2.3	23,796	25,082	25,296	165
Bangor, ME (NECMA)	2,965	3,131	3,267	4.3	20,443	21,672	22,617	261	Gary, IN*	14,872	15,671	16,396	4.6	23,774	24,985	26,093	142
Barnstable-Yarmouth, MA (NECMA)	6,297	6,801	7,327	7.7	30,690	32,622	34,470	24	Glens Falls, NY	2,564	2,703	2,789	3.2	21,082	22,263	22,939	248
Baton Rouge, LA	13,110	14,121	14,657	3.8	22,997	24,591	25,316	162	Goldsboro, NC	2,141	2,213	2,240	1.2	19,122	19,789	20,050	306
Beaumont-Port Arthur, TX	8,209	8,714	8,803	1.0	21,915	23,229	23,395	232	Grand Forks, ND-MN	2,133	2,254	2,279	1.1	21,032	22,032	23,870	217
Bellingham, WA	3,336	3,548	3,724	5.0	21,536	22,561	23,228	241	Grand Junction, CO	2,391	2,560	2,712	5.9	21,596	22,679	23,557	228
Benton Harbor, MI	3,755	3,855	4,065	5.5	23,411	24,117	25,454	159	Grand Rapids-Muskegon-Holland, MI	26,028	27,613	29,055	5.2	25,317	26,584	27,616	106
Bergen-Passaic, NJ*	49,184	51,584	54,521	5.7	36,883	38,568	40,623	6	Great Falls, MT	1,795	1,869	1,915	2.5	22,732	23,790	24,463	195
Billings, MT	2,921	3,086	3,214	4.1	23,193	24,449	25,253	169	Greeley, CO*	3,196	3,503	3,789	8.2	20,547	21,964	22,852	252
Biloxi-Gulfport-Pascagoula, MS	6,972	7,683	8,020	4.4	20,232	22,060	22,707	258	Green Bay, WI	5,728	6,035	6,301	4.4	26,756	28,079	29,102	75
Binghamton, NY	5,627	5,824	6,073	4.3	22,468	23,394	24,542	190	Greensboro-Winston-Salem-High Point, NC	30,331	32,468	34,080	5.0	26,302	27,806	28,896	79
Birmingham, AL	22,994	24,305	25,527	5.0	25,505	26,732	27,896	98	Greenville, NC	2,827	2,932	2,974	1.4	22,718	23,158	23,589	239
Bismarck, ND	2,033	2,173	2,267	4.3	22,408	23,750	24,660	186	Greenville-Spartanburg-Anderson, SC	20,521	21,948	23,117	5.3	22,639	23,904	24,869	180
Bloomington, IN	2,509	2,678	2,801	4.6	21,640	22,978	23,957	212	Hagerstown, MD*	2,841	2,933	3,088	5.3	22,322	23,009	24,162	207
Bloomington-Normal, IL	3,676	3,910	4,211	7.7	25,943	27,275	28,947	77</									

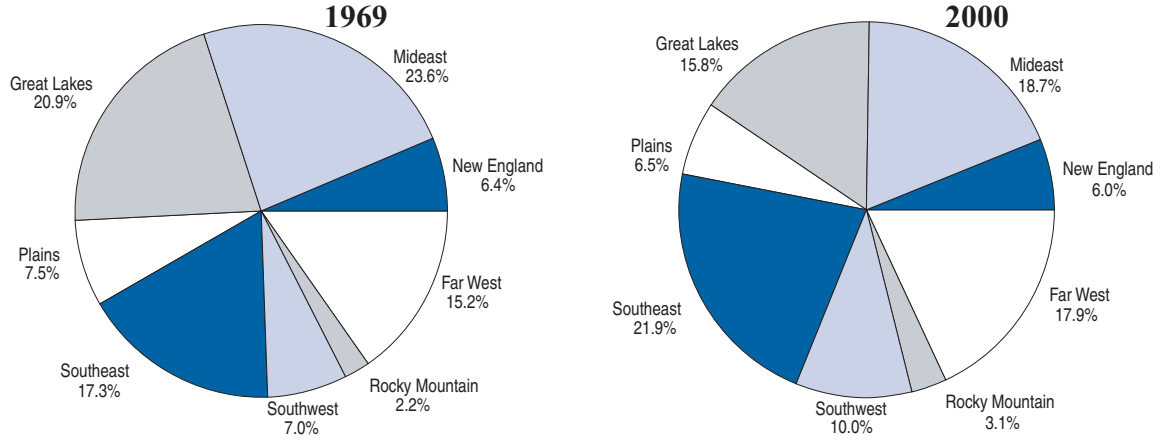
Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1997–99—Continued

Area name	Personal income				Per capita personal income ¹				Area name	Personal income				Per capita personal income ¹			
	Millions of dollars			Percent change	Dollars			Rank in U.S.		Millions of dollars			Percent change	Dollars			Rank in U.S.
	1997	1998	1999		1997	1998	1999			1997	1998	1999					
Lakeland-Winter Haven, FL	9,333	10,056	10,653	5.9	20,893	22,217	23,294	236	Richmond-Petersburg, VA	26,093	27,779	29,413	5.9	27,676	29,174	30,593	51
Lancaster, PA	11,363	12,014	12,563	4.6	25,048	26,307	27,309	114	Riverside-San Bernardino, CA*	61,591	66,105	70,604	6.8	20,201	21,210	22,060	274
Lansing-East Lansing, MI	10,643	10,826	11,458	5.8	23,633	24,043	25,419	160	Roanoke, VA	5,919	6,254	6,488	3.7	25,906	27,437	28,491	85
Laredo, TX	2,407	2,583	2,726	5.5	13,345	13,828	14,112	317	Rochester, MN	3,260	3,589	3,853	7.4	28,456	30,690	32,359	35
Las Cruces, NM	2,613	2,789	2,897	3.8	15,701	16,508	17,003	315	Rochester, NY	28,344	29,453	30,389	3.2	26,162	27,251	28,162	90
Las Vegas, NV-AZ	33,759	37,416	40,723	8.8	26,786	28,334	29,486	68	Rockford, IL	8,720	9,176	9,498	3.5	24,556	25,708	26,484	132
Lawrence, KS	1,890	2,018	2,130	5.6	19,921	20,896	21,658	283	Rocky Mount, NC	3,141	3,283	3,163	-3.7	21,616	22,500	21,510	288
Lawton, OK	2,202	2,300	2,360	2.6	20,253	21,264	22,134	270	Sacramento, CA*	39,412	42,394	45,530	7.4	25,796	27,276	28,718	83
Lewiston-Auburn, ME (NECMA)	2,214	2,318	2,388	3.0	21,934	22,892	23,570	225	Saginaw-Bay City-Midland, MI	9,681	10,005	10,424	4.2	24,061	24,914	26,012	143
Lexington, KY	11,288	12,177	12,831	5.4	25,432	27,089	28,161	91	St. Cloud, MN	3,334	3,708	3,831	3.3	20,600	22,770	23,231	240
Lima, OH	3,375	3,547	3,709	4.6	21,797	22,987	24,072	209	St. Joseph, MO	2,101	2,199	2,310	5.1	21,629	22,591	23,764	220
Lincoln, NE	5,996	6,440	6,772	5.2	25,693	27,340	28,493	84	St. Louis, MO-IL	71,103	75,109	78,051	3.9	27,798	29,321	30,382	57
Little Rock-North Little Rock, AR	13,748	14,656	15,414	5.2	24,975	26,445	27,571	107	Salem, OR*	7,142	7,565	7,973	5.4	21,989	22,903	23,789	219
Longview-Marshall, TX	4,442	4,661	4,792	2.8	21,429	22,348	22,872	251	Salinas, CA	9,633	10,358	10,927	5.5	26,842	28,252	29,393	72
Los Angeles-Long Beach, CA*	235,075	251,637	263,815	4.8	25,758	27,281	28,276	89	Salt Lake City-Ogden, UT	29,318	31,235	32,967	5.5	23,435	24,725	25,855	149
Louisville, KY-IN	25,985	28,009	29,514	5.4	26,141	28,041	29,342	73	San Angelo, TX	2,211	2,323	2,399	3.3	21,613	22,622	23,453	231
Lubbock, TX	5,129	5,419	5,574	2.9	22,294	23,747	24,459	196	San Antonio, TX	34,572	36,765	38,680	5.2	22,831	23,772	24,716	185
Lynchburg, VA	4,427	4,684	4,939	5.2	21,402	22,605	23,649	224	San Diego, CA	70,957	76,840	83,183	8.3	26,067	27,829	29,489	67
Macon, GA	10,742	7,484	7,857	5.0	22,383	23,449	24,433	198	San Francisco, CA*	70,441	77,548	83,768	8.0	42,150	40,471	49,695	1
Madison, WI	12,172	12,994	13,714	5.5	26,784	30,599	31,999	97	San Jose, CA*	61,593	66,341	76,850	15.8	37,981	40,066	46,649	2
Mansfield, OH	3,733	3,861	3,975	3.0	21,084	21,831	22,509	263	San Luis Obispo-Atascadero-Paso Robles, CA	5,452	5,824	6,134	5.3	23,559	24,879	25,888	147
McAllen-Edinburg-Mission, TX	6,297	6,746	7,135	5.8	12,493	12,982	13,339	318	Santa Barbara-Santa Maria-Lompoc, CA	10,507	11,259	11,817	5.0	27,164	28,909	30,218	61
Medford-Ashtland, OR	3,760	3,980	4,220	6.0	22,044	22,766	24,004	211	Santa Cruz-Watsonville, CA*	7,140	7,589	8,224	8.4	29,890	31,204	33,539	28
Melbourne-Titusville-Palm Bay, FL	10,581	11,051	11,421	3.4	23,045	23,775	24,282	205	Santa Fe, NM	3,893	4,196	4,866	4.0	27,855	29,379	30,634	50
Memphis, TN-AR-MS	28,090	30,361	31,857	4.9	25,961	27,793	28,828	80	Santa Rosa, CA*	12,445	13,224	14,296	8.1	29,183	30,485	32,492	32
Merced, CA	3,369	3,520	3,687	4.8	17,377	17,842	18,367	312	Sarasota-Bradenton, FL	17,634	18,852	19,626	4.1	32,943	34,719	35,679	17
Miami, FL*	49,081	51,561	53,811	4.4	23,020	23,972	24,733	182	Savannah, GA	6,774	7,332	7,653	4.4	23,879	25,703	26,534	131
Middlesex-Somerset-Hunterdon, NJ*	39,916	42,910	45,189	5.3	36,137	38,405	39,969	7	Scranton-Wilkes-Barre-Hazleton, PA	14,151	14,546	15,031	3.3	22,782	23,609	24,581	188
Milwaukee-Waukesha, WI*	41,976	44,379	46,512	4.8	28,760	30,405	31,805	38	Seattle-Bellevue-Everett, WA*	76,080	84,641	93,116	10.0	33,484	36,616	39,880	8
Minneapolis-St. Paul, MN-WI	88,287	95,516	101,242	6.0	31,587	33,746	35,250	20	Sharon, PA	2,475	2,565	2,656	3.5	20,274	21,063	21,864	278
Missoula, MT	1,955	2,085	2,187	4.9	22,006	23,446	24,476	194	Sheboygan, WI	2,692	2,871	3,051	6.3	24,516	26,101	27,705	100
Mobile, AL	10,667	11,274	11,681	3.6	20,242	21,202	21,814	280	Sherman-Denison, TX	2,176	2,314	2,440	5.4	21,616	22,685	23,521	230
Modesto, CA	8,512	9,100	9,517	4.6	20,295	21,318	21,790	282	Shreveport-Bossier City, LA	8,358	8,771	9,084	3.6	22,006	23,322	24,053	210
Moonmouth-Ocean, NJ*	32,675	34,897	36,620	4.9	30,278	31,919	33,021	30	Sioux City, IA-NE	2,766	2,938	3,032	3.2	22,957	24,414	25,144	171
Monroe, LA	2,942	3,100	3,246	4.7	20,016	21,115	22,128	271	Sioux Falls, SD	4,313	4,663	4,991	7.0	27,270	28,989	30,341	58
Montgomery, AL	7,478	7,855	8,266	5.2	23,416	24,426	25,637	153	South Bend, IN	6,270	6,699	6,919	3.9	24,288	25,791	26,761	124
Muncie, IN	2,609	2,716	2,813	3.6	22,160	23,347	24,362	203	Spokane, WA	9,152	9,538	9,985	4.7	22,567	23,366	24,368	202
Myrtle Beach, SC	3,765	4,061	4,373	7.7	22,226	23,266	24,492	193	Springfield, IL	5,240	5,516	5,713	3.6	26,699	27,036	28,000	96
Naples, FL	8,121	8,834	9,288	5.1	42,117	44,217	44,862	4	Springfield, MO	6,766	7,221	7,562	4.7	22,474	23,697	24,525	192
Nashville, TN	31,474	33,867	35,750	5.6	27,677	29,306	30,510	54	Springfield, MA (NECMA)	14,627	15,295	15,995	4.6	24,763	25,938	27,149	120
Nassau-Suffolk, NY*	95,132	99,841	104,197	4.4	35,771	37,372	38,751	11	State College, PA	2,921	3,052	3,187	4.4	22,049	23,122	24,107	208
New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT*	65,653	70,443	73,991	5.0	40,378	43,207	45,267	3	Steubenville-Weirton, OH-WV	2,625	2,763	2,819	2.0	19,227	20,527	21,151	293
New London-Norwich, CT (NECMA)	7,291	7,649	7,817	2.2	29,130	30,972	31,771	40	Stockton-Lodi, CA	11,002	11,420	12,133	6.2	20,375	20,775	21,544	286
New Orleans, LA	31,462	33,175	33,890	2.2	24,069	25,394	25,960	146	Sumter, SC	1,888	1,966	2,050	4.3	16,944	17,506	18,238	313
New York, NY*	298,362	318,126	338,168	6.3	34,492	36,653	38,814	10	Syracuse, NY	16,982	17,707	18,335	3.5	22,991	24,097	25,017	174
Newark, NJ	67,668	72,186	75,676	4.8	34,830	37,055	38,715	12	Tacoma, WA*	15,573	16,531	17,420	5.4	23,490	24,455	25,289	166
Newburgh, NY-PA*	8,539	9,111	9,596	5.3	23,345	24,628	25,553	158	Tallahassee, FL	6,084	6,524	6,825	4.6	23,550	25,791	26,252	137
Norfolk-Virginia Beach-Newport News, VA-NC	35,458	37,229	39,034	4.8	22,883	24,012	24,979	177	Tampa-St. Petersburg-Clearwater, FL	57,336	60,882	64,120	5.3	25,769	27,026	28,145	92
Oakland, CA*	72,106	77,261	83,769	8.4	31,741	33,374	35,666	18	Terre Haute, IN	2,991	3,155	3,286	4.1	20,049	21,206	22,170	269
Ocala, FL	4,842	5,207	5,440	4.5	20,539	21,582	22,115	273	Texasarkana, TX-Texasarkana, AR	2,499	2,572	2,680	4.2	20,293	20,940	21,811	281
Odessa-Midland, TX	5,859	6,198	6,056	-2.3	24,382	25,410	24,999	175	Toledo, OH	15,355	15,896	16,496	3.8	25,155	26,059	27,087	121
Oklahoma City, OK	23,010	24,433	25,568	4.6	22,335	23,542	24,437	197	Topeka, KS	4,114	4,337	4,507	3.9	24,282	25,457	26,394	134
Olympia, WA*	4,749	5,033	5,293	5.2	23,778	24,883	25,760	150	Trenton, NJ*	11,631	12,441	13,230	6.3	35,260	37,531	39,626	9
Omaha, NE-IA	19,050	20,200	21,450	6.2	27,717	29,146	30,692	48	Tucson, AZ	16,809	18,049	19,215	6.5	21,587	22,837	23,911	214
Orange County, CA*	81,395	87,626	93,333	6.5	30,536	32,171	33,805	26	Tulsa, OK	19,477	21,140	21,740	2.8	25,468	27,219	27,654	103
Orlando, FL	35,321	38,384	40,782	6.2	24,124	25,441	26,588	129	Tuscaloosa, AL	3,349	3,587	3,746	4.4	20,947	22,314	23,207	244
Owensboro, KY	1,962	2,041	2,132	4.5	21,599	22,537	23,383	233	Tyler, TX	4,018	4,346	4,533	4.3	24,249	25,860	26,711	125
Panama City, FL	3,126	3,267	3,361	2.9	21,361	22,284	22,719	257	Utica-Rome, NY	6,277	6,556	6,806	3.8	21,101	22,246	23,225	242
Parkersburg-Marietta, WV-OH	3,232	3,338	3,409	2.2	21,442	22,249	22,826	253	Vallejo-Fairfield-Napa, CA*	11,980	12,709	13,937	9.7	24,498	25,608	27,506	108
Pensacola, FL	8,295	8,791	9,067	3.1	21,063	21,879	22,476	264	Ventura, CA	19,689	20,591	22,083	7.2	27,265	28,124	29,639	65
Peoria-Pekin, IL	8,702	9,193	9,458	2.9	25,155	26,567	27,297	115	Victoria, TX	1,867	2,003	2,075	3.6	23,149	24,525	25,273	168
Philadelphia, PA-NJ*	146,477	154,869	161,501	4.3	29,635	31,316	32,627	31	Vineyard-Millville-Bridgeton, NJ*	3,032	3,110	3,208	3.1	21,514	22,155	22,894	249
Phoenix-Mesa, AZ	71,071	77,606	83,228	7.2	25,013	26,480	27,617	105	Visalia-Tulare-Porterville, CA	6,182	6,598	6,929	5.0	17,654</			

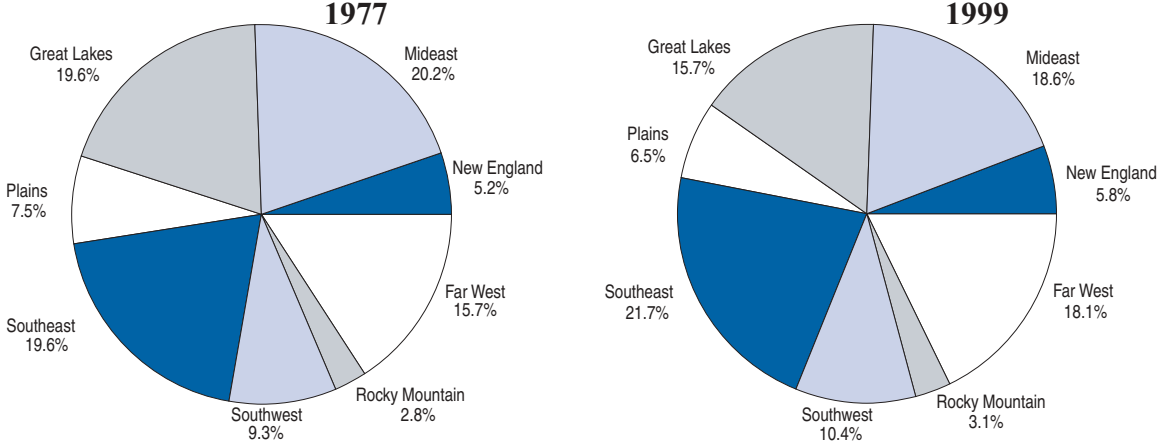
L. Charts

SELECTED REGIONAL ESTIMATES

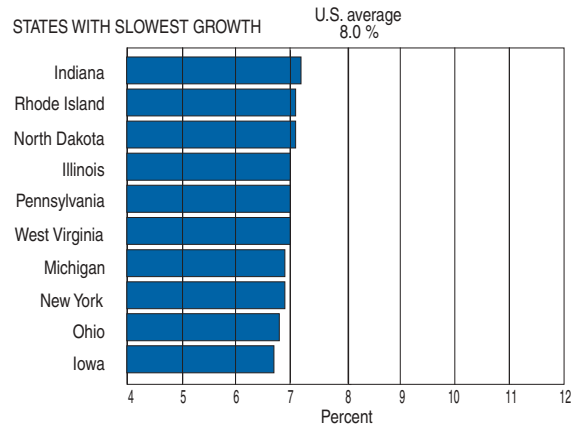
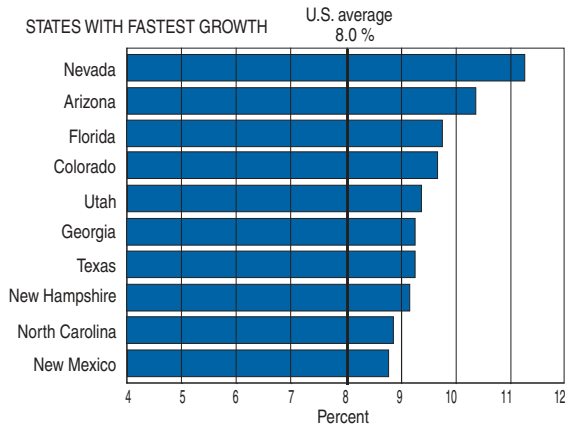
SHARES OF U.S. PERSONAL INCOME BY REGION



SHARES OF U.S. GROSS STATE PRODUCT BY REGION

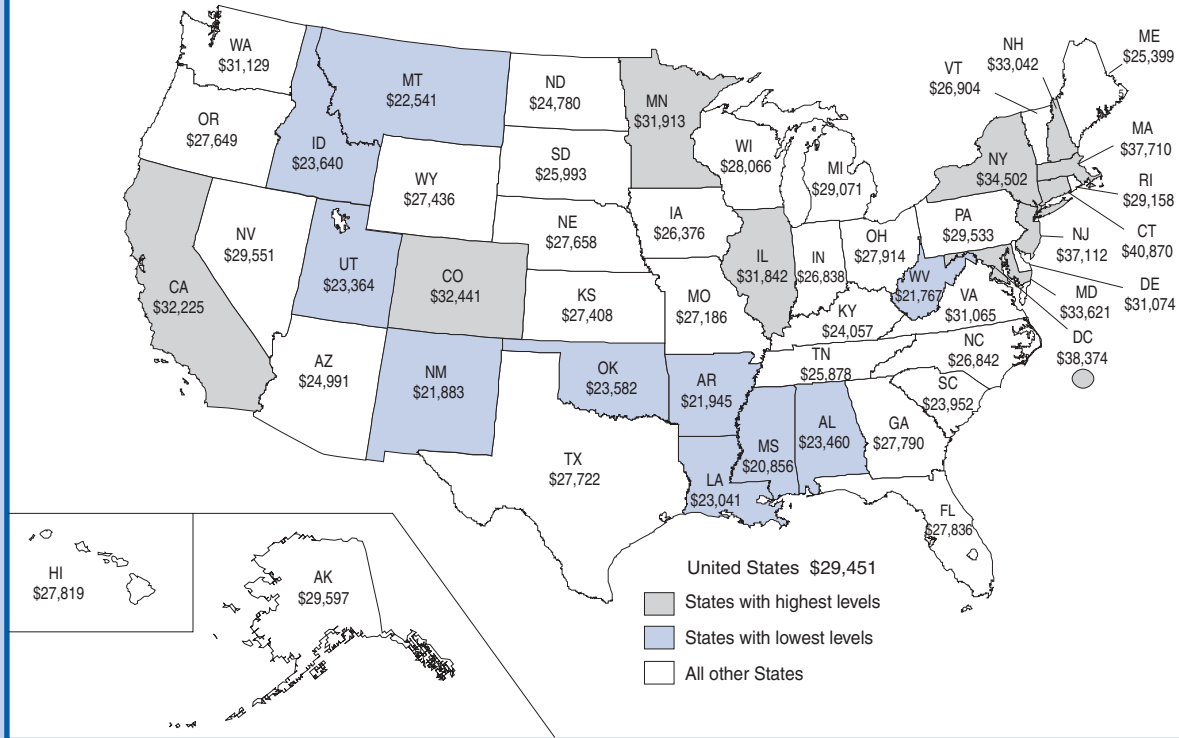


AVERAGE ANNUAL GROWTH RATE OF PERSONAL INCOME, 1969-2000

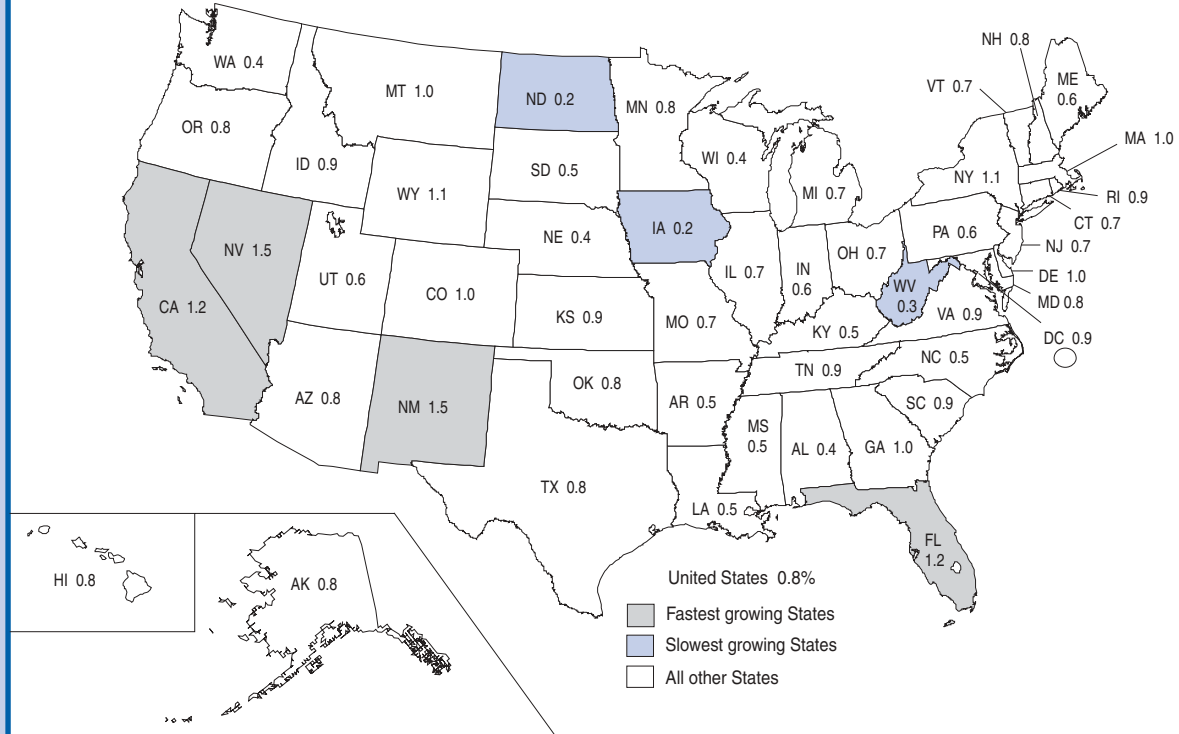


SELECTED REGIONAL ESTIMATES

PER CAPITA PERSONAL INCOME, 2000



PERSONAL INCOME: PERCENT CHANGE, 2001:I-2001:II



Appendix A

Additional Information About the NIPA Estimates

Statistical Conventions

Changes in current-dollar GDP measure changes in the market value of goods and services produced in the economy in a particular period. For many purposes, it is necessary to decompose these changes into quantity and price components. To compute the quantity indexes, changes in the quantities of individual goods and services are weighted by their prices. (Quantity changes for GDP are often referred to as changes in “real GDP.”) For the price indexes, changes in the prices for individual goods and services are weighted by quantities produced. (In practice, the current-dollar value and price indexes for most GDP components are determined largely using data from Federal Government surveys, and the real values of these components are calculated by deflation at the most detailed level for which all the required data are available.)

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from 2 adjacent years. For example, the annual percent change in real GDP in 1997–98 uses prices for 1997 and 1998 as weights, and the 1997–98 annual percent change in the GDP price index uses quantities for 1997 and 1998 as weights. Because the Fisher formula allows for the effects of changes in relative prices and in the composition of output over time, the resulting quantity or price changes are not affected by the substitution bias that is associated with changes in quantities and prices calculated using a fixed-weighted formula.¹ These annual changes are “chained” (multiplied) together to form time series of quantity and price; the percent changes that are calculated from these time series are not affected by the choice of reference period.

The quarterly changes in quantities and prices are calculated with weights from two adjacent quarters. As part of an annual or comprehensive revision, the quarterly indexes through the most recent complete year are adjusted to ensure that the average of the quarterly indexes conforms to the corresponding annual index.

In addition, BEA prepares measures of real GDP and its components in a dollar-denominated form, designated “chained (1996) dollar estimates.” These estimates are computed by multiplying the 1996 current-dollar value of GDP, or of a GDP component, by the corresponding quantity index number. For example, if a current-dollar GDP component equaled \$100 in 1996 and if real output for this component

increased by 10 percent in 1997, then the “chained (1996) dollar” value of this component in 1997 would be \$110 ($\100×1.10). Note that percentage changes in the chained (1996) dollar estimates and the percentage changes calculated from the quantity indexes are identical, except for small differences due to rounding.

Because of the formula used for calculating real GDP, the chained (1996) dollar estimates for detailed GDP components do not add to the chained-dollar value of GDP or to any intermediate aggregates. A “residual” line is shown as the difference between GDP and the sum of the most detailed components shown in each table. The residual generally is small close to the base period but tends to become larger as one moves further from it. Accurate measures of component contributions to the percentage changes in real GDP and its major components are shown in NIPA tables 8.2–8.6.

BEA also publishes the “implicit price deflator” (IPD), which is calculated as the ratio of current-dollar value to the corresponding chained-dollar value, multiplied by 100; the values of the IPD and of the corresponding “chain-type” price index are very close.

For quarters and months, the estimates are presented at annual rates, which show the value that would be registered if the rate of activity measured for a quarter or a month were maintained for a full year. Annual rates are used so that time periods of different lengths—for example, quarters and years—may be compared easily. These annual rates are determined simply by multiplying the estimated rate of activity by 4 (for quarterly data) or by 12 (for monthly data).

Percent changes in the estimates are also expressed at annual rates. Calculating these *changes* requires a variant of the compound interest formula:

$$r = \left[\left(\frac{x_t}{x_o} \right)^{m/n} - 1 \right] \times 100,$$

where r is the percent change at an annual rate; x_t is the level of activity in the later period; x_o is the level of activity in the earlier period; m is the periodicity of the data (for example, 1 for annual data, 4 for quarterly, or 12 for monthly); and n is the number of periods between the earlier and later periods (that is, $t - o$).

Quarterly and monthly NIPA estimates are seasonally adjusted, if necessary. Seasonal adjustment removes from the time series the average impact of variations that normally occur at about the same time and in about the same magnitude each year—for example, weather, holidays, and tax payment dates. After seasonal adjustment, cyclical and other short-term changes in the economy stand out more clearly.

1. In addition, because the changes in quantities and prices calculated using these weights are symmetric, the product of a quantity index and the corresponding price index is generally equal to the current-dollar index.

Reconciliation Tables

Table 1.—Reconciliation of Changes in BEA-Derived Compensation Per Hour with BLS Average Hourly Earnings
[Percent change from preceding period]

	1999	2000	Seasonally adjusted at annual rates					
			2000			2001		
			II	III	IV	I	II	III ^P
BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing) ¹	4.4	6.1	7.6	7.1	8.9	5.1	4.8	4.6
<i>Less:</i> Contribution of supplements to wages and salaries per hour	-0.3	-0.3	-0.3	-0.2	-0.4	-0.3	-0.3	-0.1
<i>Plus:</i> Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions	0.0	-0.1	-0.3	-0.3	-0.6	-0.1	-0.3	0.1
<i>Less:</i> Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed.....	-0.1	-0.1	-0.1	-0.1	-0.3	0.1	-0.1	-0.1
Equals: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector	4.7	6.4	7.7	7.2	9.0	5.2	4.9	4.9
<i>Less:</i> Contribution of wages and salaries per hour of nonproduction workers in manufacturing.....	0.2	0.0	0.6	0.8	1.0	0.2	0.6	0.2
<i>Less:</i> Other differences ²	0.9	2.5	3.3	2.7	3.0	1.0	0.0	0.6
Equals: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls	3.6	3.8	3.8	3.7	5.0	4.0	4.3	4.1
Addendum:								
BLS estimates of compensation per hour in the nonfarm business sector ³	4.4	6.1	7.6	7.1	8.9	5.1	4.8	.....

^P Preliminary.

1. Includes BLS data on compensation and hours of nonfarm proprietors and hours worked of unpaid family workers.

2. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates also include differences in BEA and BLS benchmark procedures; quarterly estimates also include

differences in seasonal adjustment procedures.

3. These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing.

BLS Bureau of Labor Statistics.

Table 2.—Relation of Net Exports of Goods and Services and Net Receipts of Income in the NIPA's to Balance on Goods, Services, and Income in the ITA's

[Billions of dollars]

	Line	1999	2000	Seasonally adjusted at annual rates					
				2000				2001	
				I	II	III	IV	I	II
Exports of goods, services, and income receipts, ITA's	1	1,242.7	1,418.6	1,358.6	1,420.3	1,444.9	1,450.5	1,418.5	1,353.3
<i>Less:</i> Gold, ITA's	2	5.3	6.0	9.6	3.7	4.3	6.5	6.7	7.6
Statistical differences ¹	3	0	0	0	0	0	0	-3.1	-3.2
Other items	4	1.0	1.2	1.3	1.2	1.5	0.9	1.2	1.1
<i>Plus:</i> Adjustment for grossing of parent/affiliate interest payments	5	4.5	6.2	6.0	6.1	6.5	6.5	8.4	6.6
Adjustment for U.S. territories and Puerto Rico	6	46.7	48.3	47.4	45.4	49.6	50.8	51.2	49.2
Services furnished without payment by financial intermediaries except life insurance carriers	7	15.9	21.2	18.7	20.6	22.5	22.8	23.0	23.0
Equals: Exports of goods and services and income receipts, NIPA's	8	1,303.6	1,487.1	1,419.8	1,487.6	1,517.8	1,523.1	1,496.3	1,426.5
Imports of goods, services, and income payments, ITA's	9	1,518.1	1,809.1	1,730.5	1,803.0	1,853.8	1,849.1	1,818.7	1,731.1
<i>Less:</i> Gold, ITA's	10	5.8	5.9	9.6	3	4.2	6.7	6.1	6.5
Statistical differences ¹	11	0	0	0	0	0	0	4.7	5.1
Other items	12	0	0	0	0	0	0	0	0
<i>Plus:</i> Gold, NIPA's	13	-2.7	-3.3	-3.5	-3.3	-3.2	-3.0	-3.0	-3.1
Adjustment for grossing of parent/affiliate interest payments	14	4.5	6.2	6.0	6.1	6.5	6.5	8.4	6.6
Adjustment for U.S. territories and Puerto Rico	15	31.1	35.8	29.5	31.5	41.1	40.9	34.3	39.7
Imputed interest paid to rest of world	16	15.9	21.2	18.7	20.6	22.5	22.8	23.0	23.0
Equals: Imports of goods and services and income payments, NIPA's	17	1,561.2	1,863.1	1,771.7	1,854.9	1,916.5	1,909.5	1,870.6	1,785.6
Balance on goods, services, and income, ITA's (1-9)	18	-275.4	-390.5	-371.9	-382.7	-408.9	-398.6	-400.2	-377.8
<i>Less:</i> Gold (2-10+13)	19	-3.2	-3.2	-3.5	-2.6	-3.1	-3.2	-2.4	-2.0
Statistical differences (3-11) ¹	20	0	0	0	0	0	0	-7.8	-8.3
Other items (4-12)	21	1.0	1.2	1.3	1.2	1.5	0.9	1.2	1.1
<i>Plus:</i> Adjustment for U.S. territories and Puerto Rico (6-15)	22	15.6	12.5	17.9	13.9	8.5	9.9	16.9	9.5
Equals: Net exports of goods and services and net receipts of income, NIPA's (8-17)	23	-257.6	-376.0	-351.9	-367.3	-398.7	-386.4	-374.3	-359.1

1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the ITA's (2001:II) and statistical revisions in the ITA's that have not yet been incorporated into the NIPA's (2001:I-2001:II).

ITA's International transactions accounts
NIPA's National income and product accounts

Appendix B

Suggested Reading

The Bureau of Economic Analysis (BEA) has published a wealth of information about the methodologies that are used to prepare its national, regional, and international accounts.

National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product), the estimates of wealth and related estimates, gross product by industry, the input-output accounts, and the satellite accounts.

National income and product accounts (NIPAs). This series of papers documents the conceptual framework of the NIPAs and the methodologies that have been used to prepare the estimates.

An Introduction to National Economic Accounting (1985) [also in the March 1985 SURVEY]

Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (1985)

Foreign Transactions (1987)

GNP: An Overview of Source Data and Estimating Methods (1987)

Government Transactions (1988)

Personal Consumption Expenditures (1990)

The methodologies described in these papers have been updated and improved, typically as part of the comprehensive and annual revisions of the NIPAs. For more information, see the following.

National Income and Product Accounts of the United States, 1929-97 (2001) provides the definitions of the major NIPA aggregates and components, discusses the measures of real output and prices, explains how production is classified and how the NIPAs are presented,

describes the statistical conventions that are used, and lists the principal source data and methods that are used to prepare the estimates of gross domestic product (GDP).

Information about the sources and methods that are used to prepare the national estimates of personal income, which are the basis for the State estimates, is in *State Personal Income, 1929-97* (1999).

In addition, see the following articles in the SURVEY.

“Updated Summary NIPA Methodologies” (October 2001) briefly describes the principal source data and methods used to prepare the current-dollar and real estimates of GDP.

“Annual Revision of the National Income and Product Accounts” (August 2001)

“BEA’s Chain Indexes, Time Series, and Measures of Long-Term Economic Growth” (May 1997) is the most recent in a series of articles that describe the conceptual basis for the chain-type measures of real output and prices that are used in the NIPAs.

“Reliability of the Quarterly and Annual Estimates of GDP and Gross Domestic Income” (December 1998) evaluates these estimates by examining the record of revisions to them.

Wealth and related estimates. *Fixed Reproducible Tangible Wealth in the United States, 1925-94* (1999) discusses the concepts and statistical considerations that underlie the estimates and their derivation.

“Fixed Assets and Consumer Durable Goods for 1925-98” (April 2000) describes the definitional and statistical improvements that were incorporated in the comprehensive revision of the estimates.

Mission and Strategic Plan

The mission statement of the Bureau of Economic Analysis and the latest update to its strategic plan for improving the accuracy, reliability, and relevance of the national, regional, and international accounts are available on BEA’s Web site at <www.bea.doc.gov>. For information about the development and the implementation of the plan, see these SURVEY articles.

“Mid-Decade Strategic Review of BEA’s Economic Accounts: Maintaining and Improving Their Performance” (February 1995)

“Mid-Decade Strategic Review of BEA’s Economic Accounts: An Update” (April 1995)

“BEA’s Mid-Decade Strategic Plan: A Progress Report” (June 1996)

Gross product by industry. “Improved Estimates of Gross Product by Industry for 1947–98” (June 2000) describes the most recent comprehensive revision of these estimates.

“Gross Domestic Product by Industry for 1998–2000” (November 2001) describes the most recent annual revision of these estimates.

Input-output accounts. “Benchmark Input-Output Accounts for the U.S. Economy, 1992” (November 1997) describes the preparation of the 1992 accounts and the concepts and methods that underlie the accounts.

“Annual Input-Output Accounts of the U.S. Economy” presents annual tables that update the 1992 benchmark accounts

For 1996 (January 2000)

For 1997 (January 2001)

Satellite accounts. These accounts extend the analytical capacity of the national accounts by focusing on one aspect of economic activity.

“Integrated Economic and Environmental Satellite Accounts” and “Accounting for Mineral Resources: Issues and BEA’s Initial Estimates” (April 1994)

“A Satellite Account for Research and Development” (November 1994)

“U.S. Transportation Satellite Accounts”

For 1992 (April 1998)

For 1996 (May 2000)

“U.S. Travel and Tourism Satellite Accounts”

For 1992 (July 1998)

For 1996 and 1997 (July 2000)

International accounts

The international accounts encompass the international transactions accounts, direct investment, and international transactions in services.

International transactions accounts (ITAs). *The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures* (1990) describes the methodologies used to prepare the estimates in the ITAs and the international investment position of the United States. These methodologies are usually updated and improved as part of the annual revisions of the ITAs.

“U.S. International Transactions, Revised Estimates” is a series of articles about the annual ITA revisions and the improvements in methodology; the latest article is published in the July 2001 SURVEY.

Direct investment. *International Direct Investment: Studies by the Bureau of Economic Analysis* (1999) is a collection of previously published articles on U.S. direct investment abroad and foreign direct investment in the United States. It also includes the following information.

The “Methodology for U.S. Direct Investment Abroad,” which is also available in *U.S. Direct*

Investment Abroad: 1994 Benchmark Survey, Final Results (1998)

“A Guide to BEA Statistics on U.S. Multinational Companies,” which is also available in the March 1995 SURVEY

“A Guide to BEA Statistics on Foreign Direct Investment in the United States,” which is also available in the February 1990 SURVEY

In addition, the updated methodology for foreign direct investment in the United States is available in *Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey* (2001)

International services. *U.S. International Transactions in Private Services: A Guide to the Surveys Conducted by the Bureau of Economic Analysis* (1998) describes 11 surveys. It includes classifications, definitions, release schedules, the methods used to prepare the estimates, and samples of the survey forms.

Regional accounts

The regional accounts include estimates of personal income and gross state product.

Personal income. Estimates of personal income are prepared for States and for local areas.

“Comprehensive Revision of State Personal Income for 1969–99” (June 2000) summarizes the changes in the methodology that is used to prepare the estimates. The detailed methodology is available on the CD-ROM *State Personal Income, 1929–99*.

“Comprehensive Revision of Local Area Personal Income for 1969–98” (July 2000) summarizes the changes in the methodology that is used to prepare the estimates for counties and metropolitan areas. The detailed methodology is available on the CD-ROM *Regional Economic Information System, 1969–99*.

Gross state product. “Comprehensive Revision of Gross State Product by Industry, 1977–94” (June 1997 SURVEY) summarizes the sources and the methods that are used to prepare the estimates. “Gross State Product by Industry, 1977–98” (October 2000) describes the most recent comprehensive revision of these estimates.

Availability

Most of the items listed here are available on our Web site at <www.bea.doc.gov>; in particular, look under Methodologies. Our online *Catalog of Products* provides descriptions of both our printed and electronic publications. The *Catalog* also includes links to compressed files of our diskette products that can be downloaded for free.

For specific information about the availability of our most recently released estimates and products, see “Getting BEA’s Estimates” on the inside back cover.